MUNICIPAL WASTEWATER TLAP PERMIT APPLICATION

ROCKINGWALL RANCH HAYS COUNTY, TEXAS

SUBMITTED TO:
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER QUALITY DIVISION

February 2022

PREPARED BY:
WWD Engineering
Firm F-12009
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Erin K Banks
2/15/22
<date 6-26>

APP000001

Rockingwall Ranch
Municipal Wastewater Permit Application

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT:

PERMIT NUMBER: TBD

Indicate if each of the following items is included in your application.

	Y	N		Y	N
Administrative Report 1.0	☒	☐	Original USGS Map	☒	☐
Administrative Report 1.1	☒	☐	Affected Landowners Map	☒	☐
SPIF	☐	☒	Landowner Disk or Labels	☒	☐
Core Data Form	☒	☐	Buffer Zone Map	☒	☐
Technical Report 1.0	☒	☐	Flow Diagram	☒	☐
Technical Report 1.1	☒	☐	Site Drawing	☒	☐
Worksheet 2.0	☐	☒	Original Photographs	☒	☐
Worksheet 2.1	☐	☒	Design Calculations	☒	☐
Worksheet 3.0	☒	☐	Solids Management Plan	☒	☐
Worksheet 3.1	☐	☒	Water Balance	☐	☒
Worksheet 3.2	☐	☒			
Worksheet 3.3	☒	☐			
Worksheet 4.0	☐	☒			
Worksheet 5.0	☐	☒			
Worksheet 6.0	☐	☒			
Worksheet 7.0	☒	☐			

For TCEQ Use Only

Segment Number _____County _____
Expiration Date _____Region _____
Permit Number _____

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

APPLICATION FOR A DOMESTIC WASTEWATER PERMIT ADMINISTRATIVE REPORT 1.0

If you have questions about completing this form please contact the Applications Review and Processing Team at 512-239-4671.

Section 1. Application Fees (Instructions Page 29)

Indicate the amount submitted for the application fee (check only one).

Flow	New/Major Amendment	Renewal
<0.05 MGD	$350.00 ☒	$315.00 ☐
≥0.05 but <0.10 MGD	$550.00 ☐	$515.00 ☐
≥0.10 but <0.25 MGD	$850.00 ☐	$815.00 ☐
≥0.25 but <0.50 MGD	$1,250.00 ☐	$1,215.00 ☐
≥0.50 but <1.0 MGD	$1,650.00 ☐	$1,615.00 ☐
≥1.0 MGD	$2,050.00 ☐	$2,015.00 ☐

Minor Amendment (for any flow) $150.00 ☐

Payment Information:

Mailed Check/Money Order Number: Click here to enter text

Check/Money Order Amount: $350.00

Name Printed on Check: WWD Engineering

EPAY Voucher Number: Click here to enter text

Copy of Payment Voucher enclosed? Yes ☐

Section 2. Type of Application (Instructions Page 29)

☐ New TPDES ☒ New TLAP

☐ Major Amendment *with* Renewal ☐ Minor Amendment *with* Renewal

☐ Major Amendment *without* Renewal ☐ Minor Amendment *without* Renewal

☐ Renewal without changes ☐ Minor Modification of permit

For amendments or modifications, describe the proposed changes: Click here to enter text.

For existing permits:

Permit Number: WQ00 Click here to enter text

EPA I.D. (TPDES only): TX Click here to enter text

3. Do the students at these schools attend a bilingual education program at another location?

   ☐ Yes ☐ No

4. Would the school be required to provide a bilingual education program but the school has waived out of this requirement under 19 TAC §89.1205(g)?

   ☐ Yes ☐ No

5. If the answer is yes to question 1, 2, 3, or 4, public notices in an alternative language are required. Which language is required by the bilingual program?

Section 9. Regulated Entity and Permitted Site Information (Instructions Page 33)

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. **RN**

Search the TCEQ's Central Registry at http://www15.tceq.texas.gov/crpub/ to determine if the site is currently regulated by TCEQ.

B. Name of project or site (the name known by the community where located):

Rockingwall

C. Owner of treatment facility: Blizexas, LLC

Ownership of Facility: ☐ Public ☒ Private ☐ Both ☐ Federal

D. Owner of land where treatment facility is or will be:

Prefix (Mr., Ms., Miss):

First and Last Name: Blizexas, LLC

Mailing Address: 2470 S Windchester Blvd, Ste D

City, State, Zip Code: Campbell, CA 95008

Phone No.: 978-877-1798 E-mail Address: wleclerc@lexorbuilders.com

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment:

E. Owner of effluent disposal site:

Prefix (Mr., Ms., Miss): Blizexas, LLC

First and Last Name:

Mailing Address: 2470 S Windchester Blvd, Ste D

City, State, Zip Code: Campbell, CA 95008

Phone No.: 978-877-1798 E-mail Address: wleclerc@lexorbuilders.com

Provide a brief description of the need for a co-permittee: Click here to enter text.

C. Core Data Form

Complete the Core Data Form for each customer and include as an attachment. If the customer type selected on the Core Data Form is **Individual**, complete **Attachment 1** of Administrative Report 1.0.

Attachment: A

Section 4. Application Contact Information (Instructions Page 30)

This is the person(s) TCEQ will contact if additional information is needed about this application. Provide a contact for administrative questions and technical questions.

A. Prefix (Mr., Ms., Miss): Ms.

First and Last Name: Erin Banks

Credential (P.E, P.G., Ph.D., etc.): PE

Title: President

Organization Name: WWD Engineering

Mailing Address: 9217 Hwy 290 West, Suite 110

City, State, Zip Code: Austin, TX 78736

Phone No.: 512-288-2111 Ext.: Click here to enter text. Fax No.: Click here to enter text.

E-mail Address: erin.banks@wwdengineering.net

Check one or both: ☒ Administrative Contact ☒ Technical Contact

B. Prefix (Mr., Ms., Miss): Click here to enter text.

First and Last Name: Click here to enter text.

Credential (P.E, P.G., Ph.D., etc.): Click here to enter text.

Title: Click here to enter text.

Organization Name: Click here to enter text.

Mailing Address: Click here to enter text.

City, State, Zip Code: Click here to enter text.

Phone No.: Click here to enter text. Ext.: Click here to enter text. Fax No.: Click here to enter text.

E-mail Address: Click here to enter text.

Check one or both: ☐ Administrative Contact ☐ Technical Contact

Section 5. Permit Contact Information (Instructions Page 30)

Provide two names of individuals that can be contacted throughout the permit term.

A. Prefix (Mr., Ms., Miss): Mr.

First and Last Name: Bill LeClerc

Credential (P.E, P.G., Ph.D., etc.): Click here to enter text.

Title: Director

Organization Name: Blizexas, LLC

Mailing Address: 258 Union Avenue

City, State, Zip Code: Los Gatos, CA 95032

Phone No.: 978-877-1798 Ext.: Click here to enter text. Fax No.: Click here to enter text.

E-mail Address: wleclerc@lexorbuilders.com

B. Prefix (Mr., Ms., Miss): Mr

First and Last Name: William Hirschman

Credential (P.E, P.G., Ph.D., etc.): Click here to enter text.

Title: CEO

Organization Name: Blizexas, LLC

Mailing Address: 258 Union Avenue

City, State, Zip Code: Los Gatos, CA 95032

Phone No.: 408-210-1998 Ext.: Click here to enter text. Fax No.: Click here to enter text.

E-mail Address: whirschman@lexorbuilders.com

Section 6. Billing Information (Instructions Page 30)

The permittee is responsible for paying the annual fee. The annual fee will be assessed to permits ***in effect on September 1 of each year***. The TCEQ will send a bill to the address provided in this section. The permittee is responsible for terminating the permit when it is no longer needed (using form TCEQ-20029).

Prefix (Mr., Ms., Miss): Mr.

First and Last Name: William Hirschman

Credential (P.E, P.G., Ph.D., etc.): Click here to enter text.

Title: CEO

Organization Name: Blizexas, LLC

Mailing Address: 258 Union Avenue

City, State, Zip Code: Los Gatos, CA 95032

Phone No.: 408-210-1998 Ext.: Click here to enter text. Fax No.: Click here to enter text.

E-mail Address: whirschman@lexorbuilders.com

Section 7. DMR/MER Contact Information (Instructions Page 31)

Provide the name and complete mailing address of the person delegated to receive and submit

Discharge Monitoring Reports (EPA 3320-1) or maintain Monthly Effluent Reports.

Prefix (Mr., Ms., Miss): Mr.

First and Last Name: Bill LeClerc

Credential (P.E, P.G., Ph.D., etc.): Click here to enter text

Title: Director

Organization Name: Blizexas, LLC

Mailing Address: 258 Union Avenue

City, State, Zip Code: Los Gatos, CA 95032

Phone No.: 978-877-1798 Ext.: Click here to enter text Fax No.: Click here to enter text

E-mail Address: wleclerc@lexorbuilders.com

DMR data is required to be submitted electronically. Create an account at: https://www.tceq.texas.gov/permitting/netdmr/netdmr.html.

Section 8. Public Notice Information (Instructions Page 31)

A. Individual Publishing the Notices

Prefix (Mr., Ms., Miss): Ms.

First and Last Name: Erin Banks

Credential (P.E, P.G., Ph.D., etc.): PE

Title: President

Organization Name: WWD Engineering

Mailing Address: 9217 Hwy 290 West, Suite 110

City, State, Zip Code: Austin, TX 78736

Phone No.: 512-288-2111 Ext.: Click here to enter text Fax No.: Click here to enter text

E-mail Address: erin.banks@wwdengineering.net

B. Method for Receiving Notice of Receipt and Intent to Obtain a Water Quality Permit Package

Indicate by a check mark the preferred method for receiving the first notice and instructions:

☒ E-mail Address

☐ Fax

☐ Regular Mail

C. Contact person to be listed in the Notices

Prefix (Mr., Ms., Miss): Mr.

First and Last Name: Bill LeClerc

Credential (P.E, P.G., Ph.D., etc.): Click here to enter text

Title: Director

Organization Name: Blizexas, LLC

Mailing Address: 2470 South Winchester Boulevard, Suite D

City, State, Zip Code: Campbell, CA 95008

Phone No.: 978-877-1798 Ext.: Click here to enter text Fax No.: Click here to enter text

E-mail Address: wleclerc@lexorbuilders.com

D. Public Viewing Information

If the facility or outfall is located in more than one county, a public viewing place for each county must be provided.

Public building name: Dripping Springs Community Library

Location within the building: Front Desk

Physical Address of Building: 501 Sportsplex Drive

City: Dripping Springs County: Hays

Contact Name: Librarian

Phone No.: 512-858-7825 Ext.: Click here to enter text

E. Bilingual Notice Requirements:

This information **is required** for **new, major amendment, and renewal applications**. It is not required for minor amendment or minor modification applications.

This section of the application is only used to determine if alternative language notices will be needed. Complete instructions on publishing the alternative language notices will be in your public notice package.

Please call the bilingual/ESL coordinator at the nearest elementary and middle schools and obtain the following information to determine whether an alternative language notices are required.

1. Is a bilingual education program required by the Texas Education Code at the elementary or middle school nearest to the facility or proposed facility?

   ☒ Yes ☐ No

   If **no**, publication of an alternative language notice is not required; **skip to** Section 9 below.

2. Are the students who attend either the elementary school or the middle school enrolled in a bilingual education program at that school?

   ☒ Yes ☐ No

3. Do the students at these schools attend a bilingual education program at another location?

   ☐ Yes ☒ No

4. Would the school be required to provide a bilingual education program but the school has waived out of this requirement under 19 TAC §89.1205(g)?

   ☐ Yes ☒ No

5. If the answer is yes to question 1, 2, 3, or 4, public notices in an alternative language are required. Which language is required by the bilingual program? Spanish

Section 9. Regulated Entity and Permitted Site Information (Instructions Page 33)

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. **RN** Click here to enter text

Search the TCEQ's Central Registry at http://www15.tceq.texas.gov/crpub/ to determine if the site is currently regulated by TCEQ.

B. Name of project or site (the name known by the community where located):

Rockingwall

C. Owner of treatment facility: Blizexas, LLC

Ownership of Facility: ☐ Public ☒ Private ☐ Both ☐ Federal

D. Owner of land where treatment facility is or will be:

Prefix (Mr., Ms., Miss): Click here to enter text

First and Last Name: Blizexas, LLC

Mailing Address: 2470 S Windchester Blvd, Ste D

City, State, Zip Code: Campbell, CA 95008

Phone No.: 978-877-1798 E-mail Address: wleclerc@lexorbuilders.com

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment: Click here to enter text

E. Owner of effluent disposal site:

Prefix (Mr., Ms., Miss): Blizexas, LLC

First and Last Name: Click here to enter text

Mailing Address: 2470 S Windchester Blvd, Ste D

City, State, Zip Code: Campbell, CA 95008

Phone No.: 978-877-1798 E-mail Address: wleclerc@lexorbuilders.com

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment: Click here to enter text

F. Owner of sewage sludge disposal site (if authorization is requested for sludge disposal on property owned or controlled by the applicant):

Prefix (Mr., Ms., Miss): Click here to enter text

First and Last Name: N/A

Mailing Address: Click here to enter text

City, State, Zip Code: Click here to enter text

Phone No.: Click here to enter text E-mail Address: Click here to enter text

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment: Click here to enter text

Section 10. TPDES Discharge Information (Instructions Page 34)

A. Is the wastewater treatment facility location in the existing permit accurate?

☐ Yes ☐ No

If **no**, **or a new permit application**, please give an accurate description:

N/A

B. Are the point(s) of discharge and the discharge route(s) in the existing permit correct?

☐ Yes ☐ No

If **no**, **or a new or amendment permit application**, provide an accurate description of the point of discharge and the discharge route to the nearest classified segment as defined in 30 TAC Chapter 307:

Click here to enter text

City nearest the outfall(s): Click here to enter text

County in which the outfalls(s) is/are located: Click here to enter text

Outfall Latitude: Click here to enter text Longitude: Click here to enter text

C. Is or will the treated wastewater discharge to a city, county, or state highway right-of-way, or a flood control district drainage ditch?

☐ Yes ☐ No

If **yes**, indicate by a check mark if:

☐ Authorization granted ☐ Authorization pending

For **new and amendment** applications, provide copies of letters that show proof of contact and the approval letter upon receipt.

Attachment: Click here to enter text.

D. For all applications involving an average daily discharge of 5 MGD or more, provide the names of all counties located within 100 statute miles downstream of the point(s) of discharge.

Click here to enter text.

Section 11. TLAP Disposal Information (Instructions Page 36)

A. For TLAPs, is the location of the effluent disposal site in the existing permit accurate?

☐ Yes ☒ No

If **no, or a new or amendment permit application**, provide an accurate description of the disposal site location:

New permit – SADDs areas located onsite.

B. City nearest the disposal site: Dripping Springs

C. County in which the disposal site is located: Hays

D. Disposal Site Latitude: 30degrees 14' 44.88" Longitude: 98degrees 01' 32.23"

E. For **TLAPs**, describe the routing of effluent from the treatment facility to the disposal site:

Via PVC piping from effluent storage tank to SADDs areas.

F. For **TLAPs**, please identify the nearest watercourse to the disposal site to which rainfall runoff might flow if not contained:

Barton Creek

Section 12. Miscellaneous Information (Instructions Page 37)

A. Is the facility located on or does the treated effluent cross American Indian Land?

☐ Yes ☒ No

B. If the existing permit contains an onsite sludge disposal authorization, is the location of the sewage sludge disposal site in the existing permit accurate?

☐ Yes ☐ No ☒ Not Applicable

If No, or if a new onsite sludge disposal authorization is being requested in this permit application, provide an accurate location description of the sewage sludge disposal site.

Click here to enter text

C. Did any person formerly employed by the TCEQ represent your company and get paid for service regarding this application?

☐ Yes ☒ No

If yes, list each person formerly employed by the TCEQ who represented your company and was paid for service regarding the application:

Click here to enter text

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

If **yes**, provide the following information:

Account number: Click here to enter text Amount past due: Click here to enter text

E. Do you owe any penalties to the TCEQ?

☐ Yes ☒ No

If **yes**, please provide the following information:

Enforcement order number: Click here to enter text Amount past due: Click here to enter text

Section 13. Attachments (Instructions Page 38)

Indicate which attachments are included with the Administrative Report. Check all that apply:

☐ Lease agreement or deed recorded easement, if the land where the treatment facility is located or the effluent disposal site are not owned by the applicant or co-applicant.

☒ Original full-size USGS Topographic Map with the following information:

- Applicant's property boundary
- Treatment facility boundary
- Labeled point of discharge for each discharge point (TPDES only)

- Highlighted discharge route for each discharge point (TPDES only)
- Onsite sewage sludge disposal site (if applicable)
- Effluent disposal site boundaries (TLAP only)
- New and future construction (if applicable)
- 1 mile radius information
- 3 miles downstream information (TPDES only)
- All ponds.

☐ Attachment 1 for Individuals as co-applicants

☒ Other Attachments. Please specify: see Table of Contents

Section 14. Signature Page (Instructions Page 39)

If co-applicants are necessary, each entity must submit an original, separate signature page.

Permit Number:

Applicant: Blizexas, LLC

Certification:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

I further certify that I am authorized under 30 Texas Administrative Code § 305.44 to sign and submit this document, and can provide documentation in proof of such authorization upon request.

Signatory name (typed or printed): William Hirschman

Signatory title: CEO

Signature: _____ Date: 12/2/2021

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

Subscribed and Sworn to before me ~~by the said~~ on this 2nd day of Dec, 2021 by William Hirschman proved to ~~me~~ me on the basis of satisfactory evidence to be the person(s) who appeared before me.

on this N/A day of N/A, 20 N/A.

My commission expires on the 3rd day of Dec, 20 24.

_____
Notary Public

ENISA HALILCEVIC
Notary Public - California
Santa Clara County
Commission # 2338982
My Comm. Expires Dec 3, 2024

[SEAL]

_____
County, Texas ~~of~~ Santa Clara, California

DOMESTIC ADMINISTRATIVE REPORT 1.1

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 41)

A. Indicate by a check mark that the landowners map or drawing, with scale, includes the following information, as applicable:

- ☒ The applicant's property boundaries
- ☒ The facility site boundaries within the applicant's property boundaries
- ☐ The distance the buffer zone falls into adjacent properties and the property boundaries of the landowners located within the buffer zone
- ☒ The property boundaries of all landowners surrounding the applicant's property (Note: if the application is a major amendment for a lignite mine, the map must include the property boundaries of all landowners adjacent to the new facility (ponds).)
- ☐ The point(s) of discharge and highlighted discharge route(s) clearly shown for one mile downstream
- ☐ The property boundaries of the landowners located on both sides of the discharge route for one full stream mile downstream of the point of discharge
- ☐ The property boundaries of the landowners along the watercourse for a one-half mile radius from the point of discharge if the point of discharge is into a lake, bay, estuary, or affected by tides
- ☒ The boundaries of the effluent disposal site (for example, irrigation area or subsurface drainfield site) and all evaporation/holding ponds within the applicant's property
- ☒ The property boundaries of all landowners surrounding the effluent disposal site
- ☐ The boundaries of the sludge land application site (for land application of sewage sludge for beneficial use) and the property boundaries of landowners surrounding the applicant's property boundaries where the sewage sludge land application site is located
- ☐ The property boundaries of landowners within one-half mile in all directions from the applicant's property boundaries where the sewage sludge disposal site (for example, sludge surface disposal site or sludge monofill) is located

B. ☒ Indicate by a check mark that a separate list with the landowners' names and mailing addresses cross-referenced to the landowner's map has been provided.

C. Indicate by a check mark in which format the landowners list is submitted:

☐ Readable/Writeable CD ☒ Four sets of labels

D. Provide the source of the landowners' names and mailing addresses: Hays CAD

E. As required by *Texas Water Code § 5.115*, is any permanent school fund land affected by this application?

☐ Yes ☒ No

If **yes**, provide the location and foreseeable impacts and effects this application has on the

land(s):

Click here to enter text.

Section 2. Original Photographs (Instructions Page 44)

Provide original ground level photographs. Indicate with checkmarks that the following information is provided.

☒ At least one original photograph of the new or expanded treatment unit location

☐ At least two photographs of the existing/proposed point of discharge and as much area downstream (photo 1) and upstream (photo 2) as can be captured. If the discharge is to an open water body (e.g., lake, bay), the point of discharge should be in the right or left edge of each photograph showing the open water and with as much area on each respective side of the discharge as can be captured.

☒ At least one photograph of the existing/proposed effluent disposal site

☒ A plot plan or map showing the location and direction of each photograph

Section 3. Buffer Zone Map (Instructions Page 44)

A. Buffer zone map. Provide a buffer zone map on 8.5 x 11-inch paper with all of the following information. The applicant's property line and the buffer zone line may be distinguished by using dashes or symbols and appropriate labels.

- The applicant's property boundary;
- The required buffer zone; and
- Each treatment unit; and
- The distance from each treatment unit to the property boundaries.

B. Buffer zone compliance method. Indicate how the buffer zone requirements will be met. Check all that apply.

☒ Ownership

☐ Restrictive easement

☐ Nuisance odor control

☐ Variance

C. Unsuitable site characteristics. Does the facility comply with the requirements regarding unsuitable site characteristic found in 30 TAC § 309.13(a) through (d)?

☒ Yes ☐ No

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TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION

DOMESTIC TECHNICAL REPORT 1.0

The Following Is Required For All Applications

Renewal, New, And Amendment

Section 1. Permitted or Proposed Flows (Instructions Page 51)

A. Existing/Interim I Phase

Design Flow (MGD):

2-Hr Peak Flow (MGD): Click here to enter text.

Estimated construction start date: Click here to enter text.

Estimated waste disposal start date:

B. Interim II Phase

Design Flow (MGD):

2-Hr Peak Flow (MGD):

Estimated construction start date:

Estimated waste disposal start date:

C. Final Phase

Design Flow (MGD): 0.012

2-Hr Peak Flow (MGD): 0.048

Estimated construction start date: 12/2022

Estimated waste disposal start date: 6/2023

D. Current operating phase: Interim Phase I

Provide the startup date of the facility: N/A

Section 2. Treatment Process (Instructions Page 51)

A. Treatment process description

Provide a detailed description of the treatment process. **Include the type of**

treatment plant, mode of operation, and all treatment units. Start with the plant's head works and finish with the point of discharge. Include all sludge processing and drying units. **If more than one phase exists or is proposed in the permit, a description of *each phase* must be provided**. Process description:

The proposed wastewater treatment facility shall be designed to employ the activated sludge process with tertiary filtration and disinfection. Raw sewage will be conveyed to a flow equalization system of a sufficient capacity to address the high variability of wastewater generation and convey a consistent, attenuated flow stream to the subsequent treatment processes. Equalized flow shall then be pumped into the preliminary treatment system consisting of a mechanical fine screen and backup manual screen to remove any large solids that may be detrimental to the biological process and/or the mechanical equipment employed therein. From the screening process, screened wastewater will then be conveyed to the aerobic reactor, which will be designed to operate in the conventional activated sludge mode without nitrification. Mixed liquor from the aerobic reactor shall flow by gravity into a mechanical final clarifier, where solids separation will take place. From the clarifier, the clarified effluent shall be conveyed to a tertiary media filter for effluent polishing. Finally, the filtered effluent shall enter a chlorine contact chamber for disinfection prior to storage and land application.

Port or pipe diameter at the discharge point, in inches: 4" to SADDs

B. Treatment Units

In Table 1.0(1), provide the treatment unit type, the number of units, and dimensions (length, width, depth) **of each treatment unit, accounting for *all* phases of operation**.

Table 1.0(1) – Treatment Units

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
Flow Equalization	1	8'-2"ft D x 8ft W x 40ft L
Aeration Basin	1	8'-2"ft D x 8ft W x 18'-6" L
Aerobic Digester	1	10'-9" Diameter x 7'-4" D
Clarifier	1	8ft Diameter x 8ft D
Chlorine Contact Chamber		7ft D x 8ft W x 1'-6" L

C. Process flow diagrams

Provide flow diagrams for the existing facilities and **each** proposed phase of construction.

Attachment: 9

Section 3. Site Drawing (Instructions Page 52)

Provide a site drawing for the facility that shows the following:

- The boundaries of the treatment facility;
- The boundaries of the area served by the treatment facility;
- If land disposal of effluent, the boundaries of the disposal site and all storage/holding ponds; and
- If sludge disposal is authorized in the permit, the boundaries of the land application or disposal site.

Attachment: 10

Provide the name and a description of the area served by the treatment facility.

Rockingwall Ranch Event Venue

Section 4. Unbuilt Phases (Instructions Page 52)

Is the application for a renewal of a permit that contains an unbuilt phase or phases?

Yes ☐ No ☒

If yes, does the existing permit contain a phase that has not been constructed within five years of being authorized by the TCEQ?

Yes ☐ No ☐

If yes, provide a detailed discussion regarding the continued need for the unbuilt phase. Failure to provide sufficient justification may result in the Executive Director recommending denial of the unbuilt phase or phases.

Click here to enter text

Section 5. Closure Plans (Instructions Page 53)

Have any treatment units been taken out of service permanently, or will any units be taken out of service in the next five years?

Yes ☐ No ☒

If yes, was a closure plan submitted to the TCEQ?

Yes ☐ No ☐

If yes, provide a brief description of the closure and the date of plan approval.

Click here to enter text.

Section 6. Permit Specific Requirements (Instructions Page 53)

For applicants with an existing permit, check the *Other Requirements* or *Special Provisions* of the permit.

A. Summary transmittal

Have plans and specifications been approved for the existing facilities and each proposed phase?

Yes ☐ No ☒

If yes, provide the date(s) of approval for each phase: Click here to enter text.

Provide information, including dates, on any actions taken to meet a requirement or provision pertaining to the submission of a summary transmittal letter. Provide a copy of an approval letter from the TCEQ, if applicable.

Not yet constructed.

B. Buffer zones

Have the buffer zone requirements been met?

Yes ☒ No ☐

Provide information below, including dates, on any actions taken to meet the conditions of the buffer zone. If available, provide any new documentation

relevant to maintaining the buffer zones.

Buffer Zones met by ownership

C. Other actions required by the current permit

Does the *Other Requirements* or *Special Provisions* section in the existing permit require submission of any other information or other required actions? Examples include Notification of Completion, progress reports, soil monitoring data, etc.

Yes ☐ No ☐

If yes, provide information below on the status of any actions taken to meet the conditions of an *Other Requirement* or *Special Provision*.

Click here to enter text.

D. Grit and grease treatment

1. Acceptance of grit and grease waste

Does the facility have a grit and/or grease processing facility onsite that treats and decants or accepts transported loads of grit and grease waste that are discharged directly to the wastewater treatment plant prior to any treatment?

Yes ☐ No ☒

If No, stop here and continue with Subsection E. Stormwater Management.

2. Grit and grease processing

Describe below how the grit and grease waste is treated at the facility. In your description, include how and where the grit and grease is introduced to the treatment works and how it is separated or processed. Provide a flow diagram showing how grit and grease is processed at the facility.

Click here to enter text.

3. Grit disposal

Does the facility have a Municipal Solid Waste (MSW) registration or permit for grit disposal?

Yes ☐ No ☐

If No, contact the TCEQ Municipal Solid Waste team at 512-239-0000. Note: A registration or permit is required for grit disposal. Grit shall not be combined with treatment plant sludge. See the instruction booklet for additional information on grit disposal requirements and restrictions.

Describe the method of grit disposal.

Click here to enter text.

4. Grease and decanted liquid disposal

Note: A registration or permit is required for grease disposal. Grease shall not be combined with treatment plant sludge. For more information, contact the TCEQ Municipal Solid Waste team at 512-239-0000.

Describe how the decant and grease are treated and disposed of after grit separation.

Click here to enter text.

E. Stormwater management

1. Applicability

Does the facility have a design flow of 1.0 MGD or greater in any phase?

Yes ☐ No ☒

Does the facility have an approved pretreatment program, under 40 CFR Part 403?

Yes ☐ No ☒

If no to both of the above, then skip to Subsection F, Other Wastes Received.

2. MSGP coverage

Is the stormwater runoff from the WWTP and dedicated lands for sewage disposal currently permitted under the TPDES Multi-Sector General Permit (MSGP), TXR050000?

Yes ☐ No ☐

If yes, please provide MSGP Authorization Number and skip to Subsection F, Other Wastes Received:

TXR05 Click here to enter text or TXRNE Click here to enter text

If no, do you intend to seek coverage under TXR050000?

Yes ☐ No ☐

3. Conditional exclusion

Alternatively, do you intend to apply for a conditional exclusion from permitting based TXR050000 (Multi Sector General Permit) Part II B.2 or TXR050000 (Multi Sector General Permit) Part V, Sector T 3(b)?

Yes ☐ No ☐

If yes, please explain below then proceed to Subsection F, Other Wastes Received:

Click here to enter text

4. Existing coverage in individual permit

Is your stormwater discharge currently permitted through this individual TPDES or TLAP permit?

Yes ☐ No ☐

If yes, provide a description of stormwater runoff management practices at the site that are authorized in the wastewater permit then skip to Subsection F, Other Wastes Received.

Click here to enter text.

5. Zero stormwater discharge

Do you intend to have no discharge of stormwater via use of evaporation or other means?

Yes ☐ No ☐

If yes, explain below then skip to Subsection F. Other Wastes Received.

Click here to enter text.

Note: If there is a potential to discharge any stormwater to surface water in the state as the result of any storm event, then permit coverage is required under the MSGP or an individual discharge permit. This requirement applies to all areas of facilities with treatment plants or systems that treat, store, recycle, or reclaim domestic sewage, wastewater or sewage sludge (including dedicated lands for sewage sludge disposal located within the onsite property boundaries) that meet the applicability criteria of above. You have the option of obtaining coverage under the MSGP for direct discharges, (recommended), or obtaining coverage under this individual permit.

6. Request for coverage in individual permit

Are you requesting coverage of stormwater discharges associated with your treatment plant under this individual permit?

Yes ☐ No ☐

If yes, provide a description of stormwater runoff management practices at the site for which you are requesting authorization in this individual wastewater permit and describe whether you intend to comingle this discharge with your treated effluent or discharge it via a separate dedicated stormwater outfall. Please also indicate if you intend to divert stormwater to the treatment plant headworks and indirectly discharge it to water in the state.

Click here to enter text.

Note: Direct stormwater discharges to waters in the state authorized through this individual permit will require the development and implementation of a stormwater pollution prevention plan (SWPPP) and will be subject to additional monitoring and reporting requirements. Indirect discharges of stormwater via headworks recycling will require compliance with all individual permit requirements including 2-hour peak flow limitations. All stormwater discharge authorization requests will require additional information during the technical review of your application.

F. Discharges to the Lake Houston Watershed

Does the facility discharge in the Lake Houston watershed?
Yes ☐ No ☒

If yes, a Sewage Sludge Solids Management Plan is required. See Example 5 in the instructions.

G. Other wastes received including sludge from other WWTPs and septic waste

1. Acceptance of sludge from other WWTPs

Does the facility accept or will it accept sludge from other treatment plants at the facility site?
Yes ☐ No ☒

If yes, attach sewage sludge solids management plan. See Example 5 of the instructions.

In addition, provide the date that the plant started accepting sludge or is anticipated to start accepting sludge, an estimate of monthly sludge acceptance (gallons or millions of gallons), an estimate of the BOD_5 concentration of the sludge, and the design BOD_5 concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

Click here to enter text.

Note: Permits that accept sludge from other wastewater treatment plants may be required to have influent flow and organic loading monitoring.

2. Acceptance of septic waste

Is the facility accepting or will it accept septic waste?

Yes ☐ No ☒

If yes, does the facility have a Type V processing unit?

Yes ☐ No ☒

If yes, does the unit have a Municipal Solid Waste permit?

Yes ☐ No ☐

If yes to any of the above, provide a the date that the plant started accepting septic waste, or is anticipated to start accepting septic waste, an estimate of monthly septic waste acceptance (gallons or millions of gallons), an estimate of the BOD_5 concentration of the septic waste, and the design BOD_5 concentration of the influent from the collection system. Also note if this information has or has not changed since the last permit action.

Click here to enter text.

Note: Permits that accept sludge from other wastewater treatment plants may be required to have influent flow and organic loading monitoring.

3. Acceptance of other wastes (not including septic, grease, grit, or RCRA, CERCLA or as discharged by IUs listed in Worksheet 6)

Is the facility accepting or will it accept wastes that are not domestic in nature excluding the categories listed above?

Yes ☐ No ☒

If yes, provide the date that the plant started accepting the waste, an estimate how much waste is accepted on a monthly basis (gallons or millions of gallons), a description of the entities generating the waste, and any distinguishing chemical or other physical characteristic of the waste. Also note if this information has or has not changed since the last permit action.

Click here to enter text.

Section 7. Pollutant Analysis of Treated Effluent (Instructions Page 58)

Is the facility in operation?

Yes ☐ No ☒

If no, this section is not applicable. Proceed to Section 8.

If yes, provide effluent analysis data for the listed pollutants. ***Wastewater treatment facilities*** complete Table 1.0(2). **W*ater treatment facilities*** discharging filter backwash water, complete Table 1.0(3).

Note: The sample date must be within 1 year of application submission.

Table 1.0(2) - Pollutant Analysis for Wastewater Treatment Facilities

Pollutant	**Average Conc.**	**Max Conc.**	**No. of Samples**	**Sample Type**	**Sample Date/Time**
$CBOD_5$, mg/l					
Total Suspended Solids, mg/l					
Ammonia Nitrogen, mg/l					
Nitrate Nitrogen, mg/l					
Total Kjeldahl Nitrogen, mg/l					
Sulfate, mg/l					
Chloride, mg/l					
Total Phosphorus, mg/l					
pH, standard units					
Dissolved Oxygen*, mg/l					
Chlorine Residual, mg/l					
E.coli (CFU/100ml) freshwater					
Entercocci (CFU/100ml)					

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
saltwater					
Total Dissolved Solids, mg/l					
Electrical Conductivity, µmohs/cm, †					
Oil & Grease, mg/l					
Alkalinity ($CaCO_3$)*, mg/l					

*TPDES permits only

†TLAP permits only

Table 1.0(3) - Pollutant Analysis for Water Treatment Facilities

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
Total Suspended Solids, mg/l					
Total Dissolved Solids, mg/l					
pH, standard units					
Fluoride, mg/l					
Aluminum, mg/l					
Alkalinity ($CaCO_3$), mg/l					

Section 8. Facility Operator (Instructions Page 60)

Facility Operator Name: Greg Gullett, Wastewater Solutions

Facility Operator's License Classification and Level: WWTP Operator Class C

Facility Operator's License Number: WW0043088

Section 9. Sewage Sludge Management and Disposal (Instructions Page 60)

A. Sludge disposal method

Identify the current or anticipated sludge disposal method or methods from the

following list. Check all that apply.

☐ Permitted landfill

☐ Permitted or Registered land application site for beneficial use

☐ Land application for beneficial use authorized in the wastewater permit

☐ Permitted sludge processing facility

☐ Marketing and distribution as authorized in the wastewater permit

☐ Composting as authorized in the wastewater permit

☐ Permitted surface disposal site (sludge monofill)

☐ Surface disposal site (sludge monofill) authorized in the wastewater permit

☒ Transported to another permitted wastewater treatment plant or permitted sludge processing facility. If you selected this method, a written statement or contractual agreement from the wastewater treatment plant or permitted sludge processing facility accepting the sludge must be included with this application.

☐ Other: Click here to enter text.

B. Sludge disposal site

Disposal site name: Wastewater Residuals Management, LLC

TCEQ permit or registration number: 2384

County where disposal site is located: Travis

C. Sludge transportation method

Method of transportation (truck, train, pipe, other): Truck

Name of the hauler: Wastewater Solutions

Hauler registration number: 24188

Sludge is transported as a:

Liquid ☒ semi-liquid ☐ semi-solid ☐ solid ☐

Section 10. Permit Authorization for Sewage Sludge Disposal (Instructions Page 60)

A. Beneficial use authorization

Does the existing permit include authorization for land application of sewage sludge for beneficial use?

Yes ☐ No ☒

If yes, are you requesting to continue this authorization to land apply sewage sludge for beneficial use?

Yes ☐ No ☐

If yes, is the completed **Application for Permit for Beneficial Land Use of Sewage Sludge (TCEQ Form No. 10451)** attached to this permit application (see the instructions for details)?

Yes ☐ No ☐

B. Sludge processing authorization

Does the existing permit include authorization for any of the following sludge processing, storage or disposal options?

Sludge Composting	Yes ☐	No ☒
Marketing and Distribution of sludge	Yes ☐	No ☒
Sludge Surface Disposal or Sludge Monofill	Yes ☐	No ☒
Temporary storage in sludge lagoons	Yes ☐	No ☒

If yes to any of the above sludge options and the applicant is requesting to continue this authorization, is the completed **Domestic Wastewater Permit Application: Sewage Sludge Technical Report (TCEQ Form No. 10056)** attached to this permit application?

Yes ☐ No ☐

Section 11. Sewage Sludge Lagoons (Instructions Page 61)

Does this facility include sewage sludge lagoons?

Yes ☐ No ☒

If yes, complete the remainder of this section. If no, proceed to Section 12.

A. Location information

The following maps are required to be submitted as part of the application. For each map, provide the Attachment Number.

- Original General Highway (County) Map:

  Attachment: Click here to enter text.
- USDA Natural Resources Conservation Service Soil Map:

  Attachment: Click here to enter text.
- Federal Emergency Management Map:

  Attachment: Click here to enter text.
- Site map:

  Attachment: Click here to enter text.

Discuss in a description if any of the following exist within the lagoon area. Check all that apply.

- ☐ Overlap a designated 100-year frequency flood plain
- ☐ Soils with flooding classification
- ☐ Overlap an unstable area
- ☐ Wetlands
- ☐ Located less than 60 meters from a fault
- ☐ None of the above

Attachment: Click here to enter text.

If a portion of the lagoon(s) is located within the 100-year frequency flood plain, provide the protective measures to be utilized including type and size of protective structures:

Click here to enter text.

B. Temporary storage information

Provide the results for the pollutant screening of sludge lagoons. These results are in addition to pollutant results in Section 7 of Technical Report 1.0.

Nitrate Nitrogen, mg/kg: Click here to enter text.

Total Kjeldahl Nitrogen, mg/kg: Click here to enter text.

Total Nitrogen (=nitrate nitrogen + TKN), mg/kg: Click here to enter text.

Phosphorus, mg/kg: Click here to enter text.

Potassium, mg/kg: Click here to enter text.

pH, standard units: Click here to enter text.

Ammonia Nitrogen mg/kg: Click here to enter text.

Arsenic: Click here to enter text.

Cadmium: Click here to enter text.

Chromium: Click here to enter text.

Copper: Click here to enter text.

Lead: Click here to enter text.

Mercury: Click here to enter text.

Molybdenum: Click here to enter text.

Nickel: Click here to enter text.

Selenium: Click here to enter text.

Zinc: Click here to enter text.

Total PCBs: Click here to enter text.

Provide the following information:

Volume and frequency of sludge to the lagoon(s): Click here to enter text.

Total dry tons stored in the lagoons(s) per 365-day period: Click here to enter text.

Total dry tons stored in the lagoons(s) over the life of the unit: Click here to enter text.

C. Liner information

Does the active/proposed sludge lagoon(s) have a liner with a maximum hydraulic conductivity of $1x10^{-7}$ cm/sec?

Yes ☐ No ☐

If yes, describe the liner below. Please note that a liner is required.

Click here to enter text.

D. Site development plan

Provide a detailed description of the methods used to deposit sludge in the

lagoon(s):

Click here to enter text

Attach the following documents to the application.

- Plan view and cross-section of the sludge lagoon(s)

  Attachment: Click here to enter text

- Copy of the closure plan

  Attachment: Click here to enter text

- Copy of deed recordation for the site

  Attachment: Click here to enter text

- Size of the sludge lagoon(s) in surface acres and capacity in cubic feet and gallons

  Attachment: Click here to enter text

- Description of the method of controlling infiltration of groundwater and surface water from entering the site

  Attachment: Click here to enter text

- Procedures to prevent the occurrence of nuisance conditions

  Attachment: Click here to enter text

E. Groundwater monitoring

Is groundwater monitoring currently conducted at this site, or are any wells available for groundwater monitoring, or are groundwater monitoring data otherwise available for the sludge lagoon(s)?

Yes ☐ No ☐

If groundwater monitoring data are available, provide a copy. Provide a profile of soil types encountered down to the groundwater table and the depth to the shallowest groundwater as a separate attachment.

Attachment: Click here to enter text

Section 12. Authorizations/Compliance/Enforcement

(Instructions Page 63)

A. Additional authorizations

Does the permittee have additional authorizations for this facility, such as reuse authorization, sludge permit, etc?

Yes ☐ No ☒

If yes, provide the TCEQ authorization number and description of the authorization:

Click here to enter text

B. Permittee enforcement status

Is the permittee currently under enforcement for this facility?

Yes ☐ No ☒

Is the permittee required to meet an implementation schedule for compliance or enforcement?

Yes ☐ No ☒

If yes to either question, provide a brief summary of the enforcement, the implementation schedule, and the current status:

Click here to enter text

Section 13. RCRA/CERCLA Wastes (Instructions Page 63)

A. RCRA hazardous wastes

Has the facility received in the past three years, does it currently receive, or will it receive RCRA hazardous waste?

Yes ☐ No ☒

B. Remediation activity wastewater

Has the facility received in the past three years, does it currently receive, or will it receive CERCLA wastewater, RCRA remediation/corrective action wastewater or other remediation activity wastewater?

Yes ☐ No ☒

C. Details about wastes received

If yes to either Subsection A or B above, provide detailed information concerning these wastes with the application.

Attachment: Click here to enter text.

Section 14. Laboratory Accreditation (Instructions Page 64)

All laboratory tests performed must meet the requirements of *30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification*, which includes the following general exemptions from National Environmental Laboratory Accreditation Program (NELAP) certification requirements:

- The laboratory is an in-house laboratory and is:
  - periodically inspected by the TCEQ; or
  - located in another state and is accredited or inspected by that state; or
  - performing work for another company with a unit located in the same site; or
  - performing pro bono work for a governmental agency or charitable organization.
- The laboratory is accredited under federal law.
- The data are needed for emergency-response activities, and a laboratory accredited under the Texas Laboratory Accreditation Program is not available.
- The laboratory supplies data for which the TCEQ does not offer accreditation.

The applicant should review *30 TAC Chapter 25* for specific requirements.

The following certification statement shall be signed and submitted with every application. See the *Signature Page* section in the Instructions, for a list of designated representatives who may sign the certification.

CERTIFICATION:

I certify that all laboratory tests submitted with this application meet the requirements of *30 TAC Chapter 25, Environmental Testing Laboratory Accreditation and Certification.*

Printed Name: Erin K Banks, PE

Title: President, WWD Engineering

Signature: Erin K Banks

Date: 1/10/22

DOMESTIC TECHNICAL REPORT 1.1

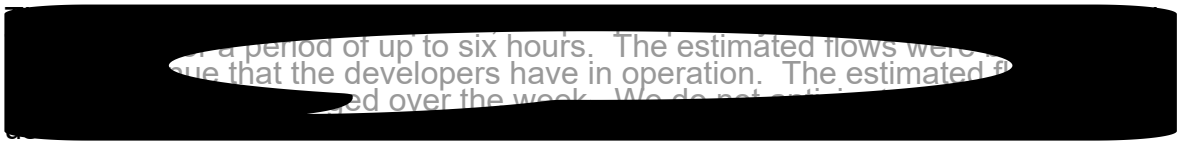
The following is required for new and amendment applications

Section 1. Justification for Permit (Instructions Page 66)

A. Justification of permit need

Provide a detailed discussion regarding the need for any phase(s) not currently permitted. Failure to provide sufficient justification may result in the Executive Director recommending denial of the proposed phase(s) or permit.

New commercial development with no municipal wastewater service available.
This is permit application for a single commercial user on one site.



B. Regionalization of facilities

Provide the following information concerning the potential for regionalization of domestic wastewater treatment facilities:

1. Municipally incorporated areas

If the applicant is a city, then Item 1 is not applicable. Proceed to Item 2 Utility CCN areas.

Is any portion of the proposed service area located in an incorporated city?

Yes ☐ No ☒ Not Applicable ☐

If yes, within the city limits of: Click here to enter text

If yes, attach correspondence from the city.

Attachment: Click here to enter text

If consent to provide service is available from the city, attach a justification for the proposed facility and a cost analysis of expenditures that includes the cost of connecting to the city versus the cost of the proposed facility or expansion attached.

Attachment: Click here to enter text

2. Utility CCN areas

Is any portion of the proposed service area located inside another utility's CCN area?

Yes ☐ No ☒

If yes, attach a justification for the proposed facility and a cost analysis of expenditures that includes the cost of connecting to the CCN facilities versus the cost of the proposed facility or expansion.

Attachment: Click here to enter text.

3. Nearby WWTPs or collection systems

Are there any domestic permitted wastewater treatment facilities or collection systems located within a three-mile radius of the proposed facility?

Yes ☒ No ☐

If yes, attach a list of these facilities that includes the permittee's name and permit number, and an area map showing the location of these facilities.

Attachment: 12

If yes, attach copies of your certified letters to these facilities **and** their response letters concerning connection with their system.

Attachment: 12

Does a permitted domestic wastewater treatment facility or a collection system located within three (3) miles of the proposed facility currently have the capacity to accept or is willing to expand to accept the volume of wastewater proposed in this application?

Yes ☐ No ☒

If yes, attach an analysis of expenditures required to connect to a permitted wastewater treatment facility or collection system located within 3 miles versus the cost of the proposed facility or expansion.

Attachment: Click here to enter text.

Section 2. Organic Loading (Instructions Page 67)

Is this facility in operation?

Yes ☐ No ☒

If no, proceed to Item B, Proposed Organic Loading.

If yes, provide organic loading information in Item A, Current Organic Loading

A. Current organic loading

Facility Design Flow (flow being requested in application): 0.012 MGD

Average Influent Organic Strength or BOD_5 Concentration in mg/l: 540

Average Influent Loading (lbs/day = total average flow X average BOD_5 conc. X 8.34): 54.04

Provide the source of the average organic strength or BOD_5 concentration.

Metcalf and Eddy

B. Proposed organic loading

This table must be completed if this application is for a facility that is not in operation or if this application is to request an increased flow that will impact organic loading.

Table 1.1(1) – Design Organic Loading

Source	Total Average Flow (MGD)	Influent BOD_5 Concentration (mg/l)
Municipality		
Subdivision		
Trailer park – transient		
Mobile home park		
School with cafeteria and showers		
School with cafeteria, no showers		
Recreational park,		

Source	Total Average Flow (MGD)	Influent BOD_5 Concentration (mg/l)
overnight use		
Recreational park, day use		
Office building or factory		
Motel		
Restaurant		
Hospital		
Nursing home		
Other	0.012	540
TOTAL FLOW from all sources	0.012	
AVERAGE BOD_5 from all sources		540

Section 3. Proposed Effluent Quality and Disinfection (Instructions Page 68)

A. Existing/Interim I Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: Click here to enter text.

Total Suspended Solids, mg/l: Click here to enter text.

Ammonia Nitrogen, mg/l: Click here to enter text.

Total Phosphorus, mg/l: Click here to enter text.

Dissolved Oxygen, mg/l: Click here to enter text.

Other: Click here to enter text.

B. Interim II Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: Click here to enter text.

Total Suspended Solids, mg/l: Click here to enter text.

Ammonia Nitrogen, mg/l: Click here to enter text.

Total Phosphorus, mg/l: Click here to enter text.

Dissolved Oxygen, mg/l: Click here to enter text.

Other: Click here to enter text.

C. Final Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 10

Total Suspended Solids, mg/l: 15

Ammonia Nitrogen, mg/l: Click here to enter text.

Total Phosphorus, mg/l: Click here to enter text.

Dissolved Oxygen, mg/l: Click here to enter text.

Other: Click here to enter text.

D. Disinfection Method

Identify the proposed method of disinfection.

☒ Chlorine: 1.0 mg/l after 20 minutes detention time at peak flow

Dechlorination process: Click here to enter text.

☐ Ultraviolet Light: Click here to enter text. seconds contact time at peak flow

☐ Other: Click here to enter text.

Section 4. Design Calculations (Instructions Page 68)

Attach design calculations and plant features for each proposed phase. Example 4 of the instructions includes sample design calculations and plant features.

Attachment: 14

Section 5. Facility Site (Instructions Page 68)

A. 100-year floodplain

Will the proposed facilities be located above the 100-year frequency flood level?

Yes ☒ No ☐

If no, describe measures used to protect the facility during a flood event. Include a site map showing the location of the treatment plant within the 100-year frequency flood level. If applicable, provide the size and types of protective structures.

Click here to enter text

Provide the source(s) used to determine 100-year frequency flood plain.

FEMA floodplain map

For a new or expansion of a facility, will a wetland or part of a wetland be filled?

Yes ☐ No ☒

If yes, has the applicant applied for a US Corps of Engineers 404 Dredge and Fill Permit?

Yes ☐ No ☐

If yes, provide the permit number: Click here to enter text

If no, provide the approximate date you anticipate submitting your application to the Corps: Click here to enter text

B. Wind rose

Attach a wind rose. **Attachment**: 15

Section 6. Permit Authorization for Sewage Sludge Disposal (Instructions Page 69)

A. Beneficial use authorization

Are you requesting to include authorization to land apply sewage sludge for beneficial use on property located adjacent to the wastewater treatment facility under the wastewater permit?

Yes ☐ No ☒

If yes, attach the completed Application for Permit for Beneficial Land Use of Sewage Sludge (TCEQ Form No. 10451)

Attachment: Click here to enter text.

B. Sludge processing authorization

Identify the sludge processing, storage or disposal options that will be conducted at the wastewater treatment facility:

☐ Sludge Composting

☐ Marketing and Distribution of sludge

☐ Sludge Surface Disposal or Sludge Monofill

If any of the above sludge options are selected, attach a completed DOMESTIC WASTEWATER PERMIT APPLICATION: SEWAGE SLUDGE TECHNICAL REPORT (TCEQ Form No. 10056).

Attachment: Click here to enter text.

Section 7. Sewage Sludge Solids Management Plan (Instructions Page 69)

Attach a solids management plan to the application.

Attachment: 16

The sewage sludge solids management plan must contain the following information:

- Treatment units and processes dimensions and capacities
- Solids generated at 100, 75, 50, and 25 percent of design flow
- Mixed liquor suspended solids operating range at design and projected actual flow
- Quantity of solids to be removed and a schedule for solids removal
- Identification and ownership of the ultimate sludge disposal site
- For facultative lagoons, design life calculations, monitoring well locations and depths, and the ultimate disposal method for the sludge from the facultative lagoon

An example of a sewage sludge solids management plan has been included as Example 5 of the instructions.

DOMESTIC WORKSHEET 3.0

LAND DISPOSAL OF EFFLUENT

The following is required for all permit applications

Renewal, New, and Amendments

Section 1. Type of Disposal System (Instructions Page 77)

Identify the method of land disposal:

- ☐ Surface application
- ☐ Irrigation
- ☐ Drip irrigation system
- ☐ Evaporation
- ☐ Evapotranspiration beds
- ☐ Other (describe in detail): Click here to enter text.
- ☐ Subsurface application
- ☐ Subsurface soils absorption
- ☒ Subsurface area drip dispersal system

NOTE: All applicants without authorization or proposing new/amended subsurface disposal MUST complete and submit Worksheet 7.0.

For existing authorizations, provide Registration Number: Click here to enter text.

Section 2. Land Application Site(s) (Instructions Page 77)

In table 3.0(1), provide the requested information for the land application sites. Include the agricultural or cover crop type (wheat, cotton, alfalfa, bermuda grass, native grasses, etc.), land use (golf course, hayland, pastureland, park, row crop, etc.), irrigation area, amount of effluent applied, and whether or not the public has access to the area. Specify the amount of land area and the amount of effluent that will be allotted to each agricultural or cover crop, if more than one crop will be used.

Table 3.0(1) – Land Application Site Crops

Crop Type & Land Use	Irrigation Area (acres)	Effluent Application (GPD)	Public Access? Y/N
Bermuda and Rye Grass	2.75	12,000	Y

Crop Type & Land Use	Irrigation Area (acres)	Effluent Application (GPD)	Public Access? Y/N
Bermuda and Rye Grass			

Section 3. Storage and Evaporation Lagoons/Ponds (Instructions Page 77)

Table 3.0(2) – Storage and Evaporation Ponds

Pond Number	Surface Area (acres)	Storage Volume (acre-feet)	Dimensions	Liner Type
GST1		36,000 gal	29'9"Dia x 8'H	Steel Tank

Attach a copy of a liner certification that was prepared, signed, and sealed by a Texas licensed professional engineer for each pond.

Attachment: N/A

Section 4. Flood and Runoff Protection (Instructions Page 77)

Is the land application site within the 100-year frequency flood level?

Yes ☐ No ☒

If yes, describe how the site will be protected from inundation.

Click here to enter text.

Provide the source used to determine the 100-year frequency flood level:

FEMA Map Panel

Provide a description of tailwater controls and rainfall run-on controls used for the land application site.

Runoff directed around dripfields [redacted]

Section 5. Annual Cropping Plan (Instructions Page 77)

Attach an Annual Cropping Plan which includes a discussion of each of the following items. If not applicable, provide a detailed explanation indicating why.

Attachment: 17

- Soils map with crops
- Cool and warm season plant species
- Crop yield goals
- Crop growing season
- Crop nutrient requirements
- Additional fertilizer requirements
- Minimum/maximum harvest height (for grass crops)
- Supplemental watering requirements
- Crop salt tolerances
- Harvesting method/number of harvests
- Justification for not removing existing vegetation to be irrigated

Section 6. Well and Map Information (Instructions Page 78)

Attach a USGS map with the following information shown and labeled. If not applicable, provide a detailed explanation (on a separate page) indicating why.

Attachment: 18

- The boundaries of the land application site(s)
- Waste disposal or treatment facility site(s)
- On-site buildings
- Buffer zones
- Effluent storage and tailwater control facilities
- All water wells within 1 mile of the disposal site or property boundaries
- All springs and seeps onsite and within 500 feet of the property boundaries
- All surface waters in the state onsite and within 500 feet of the property boundaries
- All faults and sinkholes onsite and within 500 feet of the property

List and cross reference all water wells shown on the USGS map in the following table. Attach additional pages as necessary to include all of the wells.

Table 3.0(3) – Water Well Data

Well ID	Well Use	Producing? Y/N	Open, cased, capped, or plugged?	Proposed Best Management Practice
			Choose an item.	SEE ATTACHMENT 19
			Choose an item.	
			Choose an item.	
			Choose an item.	
			Choose an item.	

If water quality data or well log information is available please include the information in an attachment listed by Well ID.

Attachment: 20

Section 7. Groundwater Quality (Instructions Page 79)

Attach a Groundwater Quality Technical Report which assesses the impact of the wastewater disposal system on groundwater. This report shall include an evaluation of the water wells (including the information in the well table provided in Item 6. above), the wastewater application rate, and pond liners. Indicate by a check mark that this report is provided.

Attachment: 20

Are groundwater monitoring wells available onsite? Yes ☐ No ☒

Do you plan to install ground water monitoring wells or lysimeters around the land application site? Yes ☒ No ☐

If yes, then provide the proposed location of the monitoring wells or lysimeters on a site map.

Attachment: 21

Section 8. Soil Map and Soil Analyses (Instructions Page 79)

A. Soil map

Attach a USDA Soil Survey map that shows the area to be used for effluent disposal.

Attachment: 22

B. Soil analyses

Attach the laboratory results sheets from the soil analyses. **Note**: for renewal applications, the current annual soil analyses required by the permit are acceptable as long as the test date is less than one year prior to the submission of the application.

Attachment: 23

List all USDA designated soil series on the proposed land application site. Attach additional pages as necessary.

Table 3.0(4) – Soil Data

Soil Series	Depth from Surface	Permeability	Available Water Capacity	Curve Number
Brackett-Rock outcrop-Comfort	0-18”	0.2-0.6 in/hr	Low	88

Soil Series	Depth from Surface	Permeability	Available Water Capacity	Curve Number
Doss Silty Clay, 1-5% Slopes	0-24”	0.2-0.6 in/hr	Low	88

Section 9. Effluent Monitoring Data (Instructions Page 80)

Is the facility in operation?

Yes ☐ No ☒

If no, this section is not applicable and the worksheet is complete.

If yes, provide the effluent monitoring data for the parameters regulated in the existing permit. If a parameter is not regulated in the existing permit, enter N/A.

Table 3.0(5) – Effluent Monitoring Data

Date	30 Day Avg Flow MGD	BOD_5 mg/l	TSS mg/l	pH	Chlorine Residual mg/l	Acres irrigated

Date	30 Day Avg Flow MGD	BOD_5 mg/l	TSS mg/l	pH	Chlorine Residual mg/l	Acres irrigated

Provide a discussion of all persistent excursions above the permitted limits and any corrective actions taken.

NA

DOMESTIC WORKSHEET 3.3

SUBSURFACE AREA DRIP DISPERSAL SYSTEM (SADDS) LAND DISPOSAL OF EFFLUENT

The following is required for new and major amendment subsurface area drip dispersal system applications. Renewal and minor amendments may require the worksheet on a case by case basis.

NOTE: All applicants proposing new or amended subsurface disposal MUST complete and submit Worksheet 7.0. This worksheet applies to any subsurface disposal system that meets the definition of a subsurface area drip dispersal system as defined in *30 TAC Chapter 222, Subsurface Area Drip Dispersal System.*

Section 1. Administrative Information (Instructions Page 84)

A. Provide the legal name of all corporations or other business entities managed, owned, or otherwise closely related to the owner of the treatment facility.

Blizexas, LLC

B. Is the owner of the land where the treatment facility is located the same as the owner of the treatment facility?

Yes ☒ No ☐

If **no**, provide the legal name of all corporations or other business entities managed, owned, or otherwise closely related to the owner of the land where the treatment facility is located.

Click here to enter text

C. Owner of the subsurface area drip dispersal system:

Blizexas, LLC

D. Is the owner of the subsurface area drip dispersal system the same as the owner of the wastewater treatment facility or the site where the wastewater treatment facility is located?

Yes ☒ No ☐

If **no**, identify the names of all corporations or other business entities managed, owned, or otherwise closely related to the entity identified in Item 1.C.

Click here to enter text

E. Owner of the land where the subsurface area drip dispersal system is located:

Blizexas, LLC

F. Is the owner of the land where the subsurface area drip dispersal system is located the same as owner of the wastewater treatment facility, the site where the wastewater treatment facility is located, or the owner of the subsurface area drip dispersal system?

Yes ☒ No ☐

If **no**, identify the name of all corporations or other business entities managed, owned, or otherwise closely related to the entity identified in item 1.E.

Click here to enter text

Section 2. Subsurface Area Drip Dispersal System (Instructions Page 84)

A. Type of system

☒ Subsurface Drip Irrigation

☐ Surface Drip Irrigation

☐ Other, specify: Click here to enter text

B. Irrigation operations

Application area, in acres: 2.75

Infiltration Rate, in inches/hour: 0.05

Average slope of the application area, percent (%): 3

Maximum slope of the application area, percent (%): 5

Storage volume, in gallons: 36,000

Major soil series: Brackett-Rock outcrop-Comfort Complex

Depth to groundwater, in feet: >350

C. Application rate

Is the facility located **west** of the boundary shown in *30 TAC § 222.83* **and** also using a vegetative cover of non-native grasses over seeded with cool

season grasses during the winter months (October-March)?

Yes ☒ No ☐

If yes, then the facility may propose a hydraulic application rate not to exceed 0.1 gal/square foot/day.

Is the facility located **east** of the boundary shown in *30 TAC § 222.83* **or** in any part of the state when the vegetative cover is any crop other than non-native grasses?

Yes ☐ No ☒

If **yes**, the facility must use the formula in *30 TAC §222.83* to calculate the maximum hydraulic application rate.

Do you plan to submit an alternative method to calculate the hydraulic application rate for approval by the executive director?

Yes ☐ No ☒

Hydraulic application rate, in gal/square foot/day: 0.1

Nitrogen application rate, in lbs/gal/day: 0.0000025

D. Dosing information

Number of doses per day: 3

Dosing duration per area, in hours: 0.21

Rest period between doses, in hours: 7.78

Dosing amount per area, in inches/day: 0.15

Number of zones: 14

Does the proposed subsurface drip irrigation system use tree vegetative cover as a crop?

Yes ☐ No ☒

If **yes**, provide a vegetation survey by a certified arborist. Please call the Water Quality Assessment Team at (512) 239-4671 to schedule a pre-application meeting.

Attachment: Click here to enter text.

Section 3. Required Plans (Instructions Page 84)

A. Recharge feature plan

Attach a Recharge Feature Plan with all information required in *30 TAC §222.79*.

Attachment: 24

B. Soil evaluation

Attach a Soil Evaluation with all information required in *30 TAC §222.73*.

Attachment: 25

C. Site preparation plan

Attach a Site Preparation Plan with all information required in *30 TAC §222.75*.

Attachment: 26

D. Soil sampling/testing

Attach soil sampling and testing that includes all information required in *30 TAC §222.157*.

Attachment: 27

Section 4. Floodway Designation (Instructions Page 85)

A. Site location

Is the existing/proposed land application site within a designated floodway?

Yes ☐ No ☒

B. Flood map

Attach either the FEMA flood map or alternate information used to determine the floodway.

Attachment: 28

Section 5. Surface Waters in the State (Instructions Page 85)

A. Buffer Map

Attach a map showing appropriate buffers on surface waters in the state, water wells, and springs/seeps.

Attachment: 29

B. Buffer variance request

Do you plan to request a buffer variance from water wells or waters in the state?

Yes ☐ No ☒

If yes, then attach the additional information required in *30 TAC § 222.81(c).*

Attachment: Click here to enter text.

Section 6. Edwards Aquifer (Instructions Page 85)

A. Is the SADDS located on the Edwards Aquifer Recharge Zone as mapped by the TCEQ?

Yes ☐ No ☒

B. Is the SADDS located on the Edwards Aquifer Transition Zone as mapped by the TCEQ?

Yes ☐ No ☒

If yes to either question, then the SADDS may be prohibited by *30 TAC §213.8*. Please call the Municipal Permits Team at 512-239-4671 to schedule a pre-application meeting.

WORKSHEET 7.0

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

CLASS V INJECTION WELL INVENTORY/AUTHORIZATION FORM

Submit to:
TCEQ
IUC Permits Team
Radioactive Materials Division
MC-233
PO Box 13087
Austin, Texas 78711-3087
512-239-6466

For TCEQ Use Only
Reg. No._____
Date Received_____
Date Authorized_____

Section 1. General Information (Instructions Page 102)

1. TCEQ Program Area

Program Area (PST, VCP, IHW, etc.): SADDS

Program ID: Municipal Wastewater Permitting

Contact Name: Firoj Vahora

Phone Number: (512) 239-4540

2. Agent/Consultant Contact Information

Contact Name: Erin Banks, PE

Address: 9217 Highway 290 West, Suite 110

City, State, and Zip Code: Austin, Texas 78736

Phone Number: (512) 288-2111

3. Owner/Operator Contact Information

Owner ☒ Operator ☐

Owner/Operator Name: Blixzexas, LLC

Contact Name: Bill LeClerc

Address: 258 Union Avenue

City, State, and Zip Code: Los Gatos, CA 95032

Phone Number: 978-877-1798

4. Facility Contact Information

Facility Name: Rockingwall Ranch Wastewater Treatment Plant

Address: 14820 Fitzhugh Road

City, State, and Zip Code: Dripping Springs, TX 78620

Location description (if no address is available): Click here to enter text.

Facility Contact Person: Bill LeClerc

Phone Number: 978-877-1798

5. Latitude and Longitude, in degrees-minutes-seconds

Latitude: 30deg 14' 45.77" Longitude: 98deg 01'32.42"

Method of determination (GPS, TOPO, etc.): Google Earth

Attach topographic quadrangle map as attachment A.

6. Well Information

Type of Well Construction, select one:

- ☐ Vertical Injection
- ☒ Subsurface Fluid Distribution System
- ☐ Infiltration Gallery
- ☐ Temporary Injection Points
- ☐ Other, Specify: Click here to enter text.

Number of Injection Wells: Click here to enter text.

7. Purpose

Detailed Description regarding purpose of Injection System:

Disposal of treated effluent to irrigate drip field areas

Attach a Site Map as Attachment B (Attach the Approved Remediation Plan, if appropriate.)

8. Water Well Driller/Installer

Water Well Driller/Installer Name: Gregory Gullett

City, State, and Zip Code: Austin, TX 78736

Phone Number: (512) 707-7027

License Number: OS0005313

Section 2. Proposed Down Hole Design

Attach a diagram signed and sealed by a licensed engineer as Attachment C.

Table 7.0(1) –Down Hole Design Table

Name of String	Size	Setting Depth	Sacks Cement/Grout – Slurry Volume – Top of Cement	Hole Size	Weight (lbs/ft) PVC/Steel
Casing			N/A		
Tubing					
Screen					

Section 3. Proposed Trench System, Subsurface Fluid Distribution System, or Infiltration Gallery

Attach a diagram signed and sealed by a licensed engineer as Attachment D.

System(s) Dimensions: see attached

System(s) Construction: Click here to enter text.

Section 4. Site Hydrogeological and Injection Zone Data

1. Name of Contaminated Aquifer: N/A
2. Receiving Formation Name of Injection Zone: N/A
3. Well/Trench Total Depth: 6”
4. Surface Elevation: 1,100’
5. Depth to Ground Water: >350’
6. Injection Zone Depth: N/A
7. Injection Zone vertically isolated geologically? Yes ☐ No ☒

Impervious Strata between Injection Zone and nearest Underground Source of Drinking Water:

Name: Click here to enter text.

Thickness: Click here to enter text.

8. Provide a list of contaminants and the levels (ppm) in contaminated aquifer

Attach as Attachment E.

9. Horizontal and Vertical extent of contamination and injection plume

Attach as Attachment F.

10. Formation (Injection Zone) Water Chemistry (Background levels) TDS, etc.

Attach as Attachment G.

11. Injection Fluid Chemistry in PPM at point of injection

Attach as Attachment H.

12. Lowest Known Depth of Ground Water with < 10,000 PPM TDS: N/A

13. Maximum injection Rate/Volume/Pressure: 0.61 gph per emit @60 psi

14. Water wells within 1/4 mile radius (attach map as Attachment I): I

15. Injection wells within 1/4 mile radius (attach map as Attachment J): N/A

16. Monitor wells within 1/4 mile radius (attach drillers logs and map as Attachment K): N/A

17. Sampling frequency: N/A

18. Known hazardous components in injection fluid: N/A

Section 5. Site History

1. Type of Facility: N/A

2. Contamination Dates: Click here to enter text.

3. Original Contamination (VOCs, TPH, BTEX, etc.) and Concentrations (attach as Attachment L): Click here to enter text.

4. Previous Remediation: Click here to enter text.

Attach results of any previous remediation as attachment M

NOTE: Authorization Form should be completed in detail and authorization given by the TCEQ before construction, operation, and/or conversion can begin. Attach additional pages as necessary.

Class V Injection Well Designations

5A07 Heat Pump/AC return (IW used for groundwater to heat and/or cool

buildings)

5A19	Industrial Cooling Water Return Flow (IW used to cool industrial process equipment)
5B22	Salt Water Intrusion Barrier (IW used to inject fluids to prevent the intrusion of salt water into an aquifer)
5D02	Storm Water Drainage (IW designed for the disposal of rain water)
5D04	Industrial Stormwater Drainage Wells (IW designed for the disposal of rain water associated with industrial facilities)
5F01	Agricultural Drainage (IW that receive agricultural runoff)
5R21	Aquifer Recharge (IW used to inject fluids to recharge an aquifer)
5S23	Subsidence Control Wells (IW used to control land subsidence caused by ground water withdrawal)
5W09	Untreated Sewage
5W10	Large Capacity Cesspools (Cesspools that are designed for 5,000 gpd or greater)
5W11	Large Capacity Septic systems (Septic systems designed for 5,000 gpd or greater)
5W12	WTTP disposal
5W20	Industrial Process Waste Disposal Wells
5W31	Septic System (Well Disposal method)
5W32	Septic System Drainfield Disposal
5X13	Mine Backfill (IW used to control subsidence, dispose of mining byproducts, and/or fill sections of a mine)
5X25	Experimental Wells (Pilot Test) (IW used to test new technologies or tracer dye studies)
5X26	Aquifer Remediation (IW used to clean up, treat, or prevent contamination of a USDW)
5X27	Other Wells
5X28	Motor Vehicle Waste Disposal Wells (IW used to dispose of waste from a motor vehicle site - These are currently banned)
5X29	Abandoned Drinking Water Wells (waste disposal)

TCEQ Use Only

TCEQ Core Data Form

For detailed instructions regarding completion of this form, please read the Core Data Form Instructions or call 512-239-5175.

SECTION I: General Information

1. Reason for Submission (*If other is checked please describe in space provided.*)

☒ New Permit, Registration or Authorization (*Core Data Form should be submitted with the program application.*)

☐ Renewal (*Core Data Form should be submitted with the renewal form*) ☐ Other

2. Customer Reference Number *(if issued)*	Follow this link to search for CN or RN numbers in Central Registry**	3. Regulated Entity Reference Number *(if issued)*
CN		RN

SECTION II: Customer Information

4. General Customer Information | **5. Effective Date for Customer Information Updates** (mm/dd/yyyy)

☒ New Customer ☐ Update to Customer Information ☐ Change in Regulated Entity Ownership
☐ Change in Legal Name (Verifiable with the Texas Secretary of State or Texas Comptroller of Public Accounts)

The Customer Name submitted here may be updated automatically based on what is current and active with the Texas Secretary of State (SOS) or Texas Comptroller of Public Accounts (CPA).

6. Customer Legal Name (*If an individual, print last name first: eg: Doe, John*) *If new Customer, enter previous Customer below:*

Blizexas, LLC

7. TX SOS/CPA Filing Number	8. TX State Tax ID (11 digits)	9. Federal Tax ID (9 digits)	10. DUNS Number (*if applicable*)
	32078005272	87-3063384	

11. Type of Customer: ☐ Corporation ☐ Individual Partnership: ☐ General ☐ Limited
Government: ☐ City ☐ County ☐ Federal ☐ State ☐ Other ☐ Sole Proprietorship ☒ Other: LLC

12. Number of Employees
☒ 0-20 ☐ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher

13. Independently Owned and Operated?
☒ Yes ☐ No

14. Customer Role (Proposed or Actual) – *as it relates to the Regulated Entity listed on this form. Please check one of the following*

☐ Owner ☐ Operator ☒ Owner & Operator
☐ Occupational Licensee ☐ Responsible Party ☐ Voluntary Cleanup Applicant ☐ Other:

15. Mailing Address: 258 Union Avenue

City	Los Gatos	State	CA	ZIP	95032	ZIP + 4	

16. Country Mailing Information (*if outside USA*)	17. E-Mail Address (*if applicable*)
	wleclerc@lexorbuilders.com

18. Telephone Number	19. Extension or Code	20. Fax Number (*if applicable*)
(978) 877-1798		( ) -

SECTION III: Regulated Entity Information

21. General Regulated Entity Information (*If 'New Regulated Entity" is selected below this form should be accompanied by a permit application*)

☒ New Regulated Entity ☐ Update to Regulated Entity Name ☐ Update to Regulated Entity Information

The Regulated Entity Name submitted may be updated in order to meet TCEQ Agency Data Standards (removal of organizational endings such as Inc, LP, or LLC).

22. Regulated Entity Name (*Enter name of the site where the regulated action is taking place.*)

Rockingwall Ranch

23. Street Address of the Regulated Entity: *(No PO Boxes)*							
	City		**State**		**ZIP**		**ZIP + 4**
24. County							

Enter Physical Location Description if no street address is provided.

25. Description to Physical Location:	North side of Fitzhugh Road, approximately 0.25 mi east of intersection with Crumley Ranch Road, Austin, Hays County, Texas

26. Nearest City	**State**	**Nearest ZIP Code**
Dripping Springs	TX	78737

27. Latitude (N) In Decimal:			**28. Longitude (W) In Decimal:**		
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
30	14	44.88	98	01	32.23

29. Primary SIC Code (4 digits)	**30. Secondary SIC Code** (4 digits)	**31. Primary NAICS Code** (5 or 6 digits)	**32. Secondary NAICS Code** (5 or 6 digits)

33. What is the Primary Business of this entity? *(Do not repeat the SIC or NAICS description.)*

Real Estate Holding Company

34. Mailing Address:	**258 Union Avenue**							
	City	**Los Gatos**	**State**	**CA**	**ZIP**	**95032**	**ZIP + 4**	

35. E-Mail Address:	**wleclerc@lexorbuilders.com**

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(978) 877-1798		**( ) -**

39. TCEQ Programs and ID Numbers Check all Programs and write in the permits/registration numbers that will be affected by the updates submitted on this form. See the Core Data Form instructions for additional guidance.

☐ Dam Safety	☐ Districts	☐ Edwards Aquifer	☐ Emissions Inventory Air	☐ Industrial Hazardous Waste
☐ Municipal Solid Waste	☐ New Source Review Air	☐ OSSF	☐ Petroleum Storage Tank	☐ PWS
☐ Sludge	☐ Storm Water	☐ Title V Air	☐ Tires	☐ Used Oil
☐ Voluntary Cleanup	☒ Waste Water	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:

SECTION IV: Preparer Information

40. Name:	Erin Banks	**41. Title:**	Principal, WWD Engineering

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(512) 288-2111		( ) -	erin.banks@wwdengineering.net

SECTION V: Authorized Signature

46. By my signature below, I certify, to the best of my knowledge, that the information provided in this form is true and complete, and that I have signature authority to submit this form on behalf of the entity specified in Section II, Field 6 and/or as required for the updates to the ID numbers identified in field 39.

Company:	WWD Engineering for Blizexas	**Job Title:**	Principal
Name *(In Print):*	Erin K Banks	**Phone:**	(512) 288- **2111**
Signature:	Erin K Banks	**Date:**	1/4/22

APP000065

WATER QUALITY PERMIT

PAYMENT SUBMITTAL FORM

Use this form to submit the Application Fee, if the mailing the payment.

- Complete items 1 through 5 below.
- Staple the check or money order in the space provided at the bottom of this document.
- **Do not mail this form with the application form.**
- Do not mail this form to the same address as the application.
- Do not submit a copy of the application with this form as it could cause duplicate permit entries.

Mail this form and the check or money order to:

BY REGULAR U.S. MAIL

Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC-214
P.O. Box 13088
Austin, Texas 78711-3088

BY OVERNIGHT/EXPRESS MAIL

Texas Commission on Environmental Quality
Financial Administration Division
Cashier's Office, MC-214
12100 Park 35 Circle
Austin, Texas 78753

Fee Code: WQP **Waste Permit No:** Click here to enter text.

1. Check or Money Order Number: [redacted] Click here to enter text.
2. Check or Money Order Amount: $350.00
3. Date of Check or Money Order: [redacted] Click here to enter text.
4. Name on Check or Money Order: WWD Engineering
5. APPLICATION INFORMATION
   Name of Project or Site: Rockingwall
   Physical Address of Project or Site: 14820 Fitzhugh Road, Dripping Springs, TX 78620
   If the check is for more than one application, attach a list which includes the name of each Project or Site (RE) and Physical Address, exactly as provided on the application.

Staple Check or Money Order in This Space

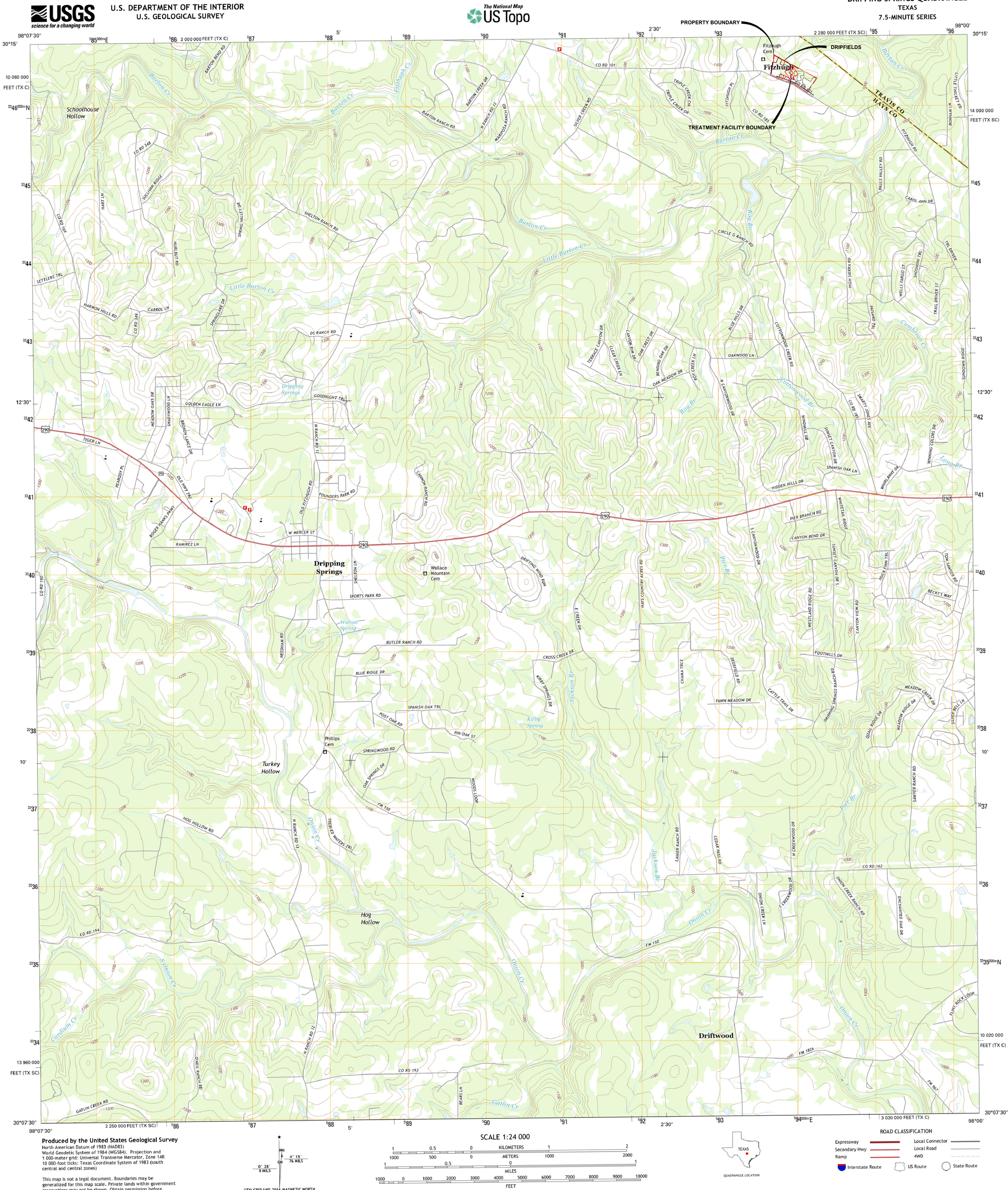
EXECUTIVE SUMMARY

Rockingwall Ranch is a proposed event venue in Hays County, Texas. The site is located on Fitzhugh Road, east of the City of Dripping Springs, in Hays County, Texas. There is currently no municipal wastewater service available to the site. The owners are proposing to install a wastewater treatment plant with a subsurface area drip disposal system (SADDS) to serve the commercial development, an event venue.

ATTACHMENT 2
FULL SIZE USGS MAP

U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

DRIPPING SPRINGS QUADRANGLE
TEXAS
7.5-MINUTE SERIES



Produced by the United States Geological Survey
North American Datum of 1983 (NAD83)
World Geodetic System of 1984 (WGS84). Projection and
1 000-meter grid: Universal Transverse Mercator, Zone 14R
10 000-foot ticks: Texas Coordinate System of 1983 (south central and central zones)

This map is not a legal document. Boundaries may be generalized for this map scale. Private lands within government reservations may not be shown. Obtain permission before entering private lands.

Imagery.....NAIP, October 2014
Roads..... U.S. Census Bureau, 2014 - 2015
Names.....GNIS, 2015
Hydrography.....National Hydrography Dataset, 2014
Contours.....National Elevation Dataset, 2002
Boundaries.....Multiple sources; see metadata file 1972 - 2015

Wetlands.....FWS National Wetlands Inventory 1977 - 2014

UTM GRID AND 2016 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET
MN 4° 15' 76 MILS
GN 0° 28' 8 MILS

U.S. National Grid
100,000-m Square ID
NU
Grid Zone Designation
14R

SCALE 1:24 000
1 0.5 0 KILOMETERS 1 2
1000 500 0 METERS 1000 2000
1 0.5 0 1
MILES
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000
FEET

CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with the
National Geospatial Program US Topo Product Standard, 2011.
A metadata file associated with this product is draft version 0.6.19

TEXAS
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

ADJOINING QUADRANGLES
1 Hammetts Crossing
2 Shingle Hills
3 Bee Cave
4 Henly
5 Signal Hill
6 Rough Hollow
7 Driftwood
8 Mountain City

ROAD CLASSIFICATION
Expressway
Secondary Hwy
Ramp
Local Connector
Local Road
4WD
Interstate Route
US Route
State Route

DRIPPING SPRINGS, TX
2016

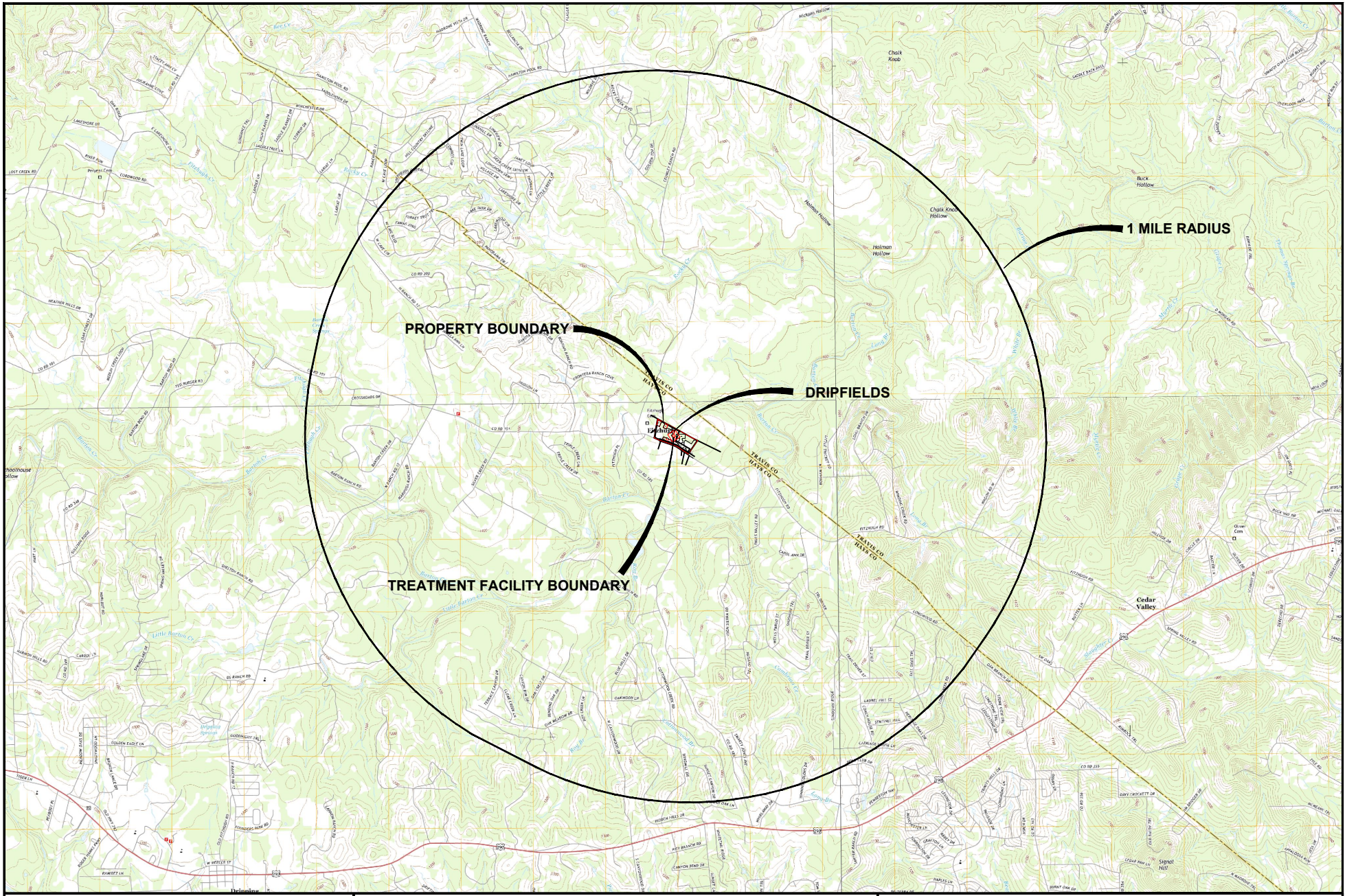
7643016395933
NSN 7643016395933
NGA REF NO. USGSX24K12801

wwdengineering
engineered wastewater solutions
F-12009

20'

ATTACHMENT-2
USGS MAP
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

APP000071



wwdengineering
engineered wastewater solutions
F-12009

= 600'

ATTACHMENT-2
USGS MAP
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

APP000072

ATTACHMENT 3
AFFECTED LANDOWNER MAP w/ NUMBERS

DRIPFIELD

37,687 SF

DRIPFIELD

28,446 SF

DRIPFIELD

PROPERTY BOUNDARY

WASTEWATER TREATMENT PLANT
WITH ODOR CONTROL

16,522 SF

150' BUFFER

NEW BUILDING

DRIPFIELD

21,923 SF

19,707 SF

19,821 SF

DRIPFIELD

DRIPFIELD

FITZHUGH ROAD

PROPOSED WATER WELL

1

2

3

4

5

6

7

8

9

10

(#) ADJACENT LANDOWNER NUMBER

wwdengineering
engineered wastewater solutions
F-12009

0 20 40 80 120

1" = 20'

ATTACHMENT-3
AFFECTED LANDOWNER MAP W/ NUMBERS
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

APP000074

ATTACHMENT 4
AFFECTED LANDOWNER LIST w/ NUMBERS

#	NAME	ADDRESS	CITY	STATE	ZIP
1	SHIELD RANCH	9433 BEE CAVES ROAD STE 140	AUSTIN	TX	78733
2	2W AUSTIN DEVELOPMENT	2222 W NORTH LOOP BLVD	AUSTIN	TX	78756
3	VV PROPERTY GROUP	14101 W HIGHWAY 290 STE 1800	AUSTIN	TX	78737-9331
4	RICHARD RUSSELL SHELTON	24418 LOIS LANE	SPICEWOOD	TX	78669
5	WORLDWIDE SWANK	1002 CANYON BEND DRIVE	DRIPPING SPRINGS	TX	78620-3912
6	WORLDWIDE SWANK	1002 CANYON BEND DRIVE	DRIPPING SPRINGS	TX	78620-3912
7	CHARLES F. WALTERS II	15000 FITZHUGH ROAD	AUSTIN	TX	78736
8	2W AUSTIN DEVELOPMENT	12716 FITZHUGH ROAD	AUSTIN	TX	78736-6515
9	STEPHEN L. NEELEY	15118 FITZHUGH ROAD	AUSTIN	TX	78736
10	SW 19	2303 RANCH ROAD 620S STE 160-228	LAKEWAY	TX	78734-6229

ATTACHMENT 5
AFFECTED LANDOWNER MAILING LABELS

Allez à avery.ca/gabarits
Utilisez le Gabarit Avery 5160

Étiquettes d'adresse Easy Peel®
Repliez à la hachure afin de révéler le rebord Pop-up

Pat: avery.com/patents

SHIELD RANCH
9433 BEE CAVES ROAD STE 140
AUSTIN TX 78733

2W AUSTIN DEVELOPMENT
2222 W NORTH LOOP BLVD
AUSTIN TX 78756

VV PROPERTY GROUP
14101 W HIGHWAY 290 STE 1800
AUSTIN TX 78737-9331

RICHARD RUSSELL SHELTON
24418 LOIS LANE
SPICEWOOD TX 78669

WORLDWIDE SWANK
1002 CANYON BEND DRIVE
DRIPPING SPRINGS TX 78620-3912

WORLDWIDE SWANK
1002 CANYON BEND DRIVE
DRIPPING SPRINGS TX 78620-3912

CHARLES F. WALTERS II
15000 FITZHUGH ROAD
AUSTIN TX 78736

2W AUSTIN DEVELOPMENT
12716 FITZHUGH ROAD
AUSTIN TX 78736-6515

STEPHEN L. NEELEY
15118 FITZHUGH ROAD
AUSTIN TX 78736

SW 19
2303 RANCH ROAD 620S STE 160-228
LAKEWAY TX 78734-6229

Go to avery.com/templates
Use Avery Template 5160

Easy Peel® Address Labels
Bend along line to expose Pop-up Edge®

AVERY 5160®

ATTACHMENT 6
ORIGINAL PHOTOGRAPHS

Photo 1 –Wastewater Treatment Plant Site



Photo 2 – Wastewater Treatment Plant Site



Photo 3 –Dripfield Area

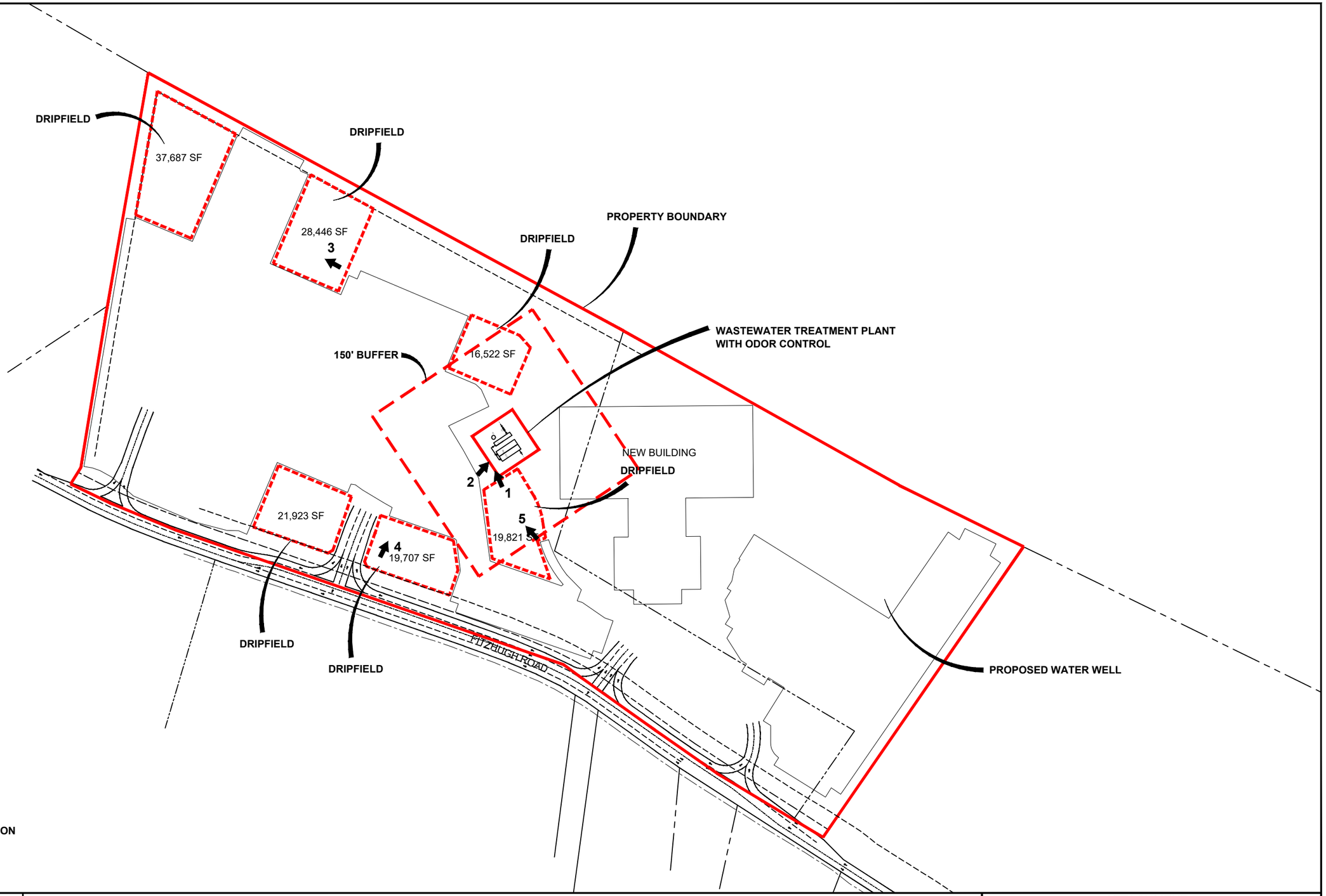


Photo 4 –Dripfield Area



Photo 5 –Dripfield Area



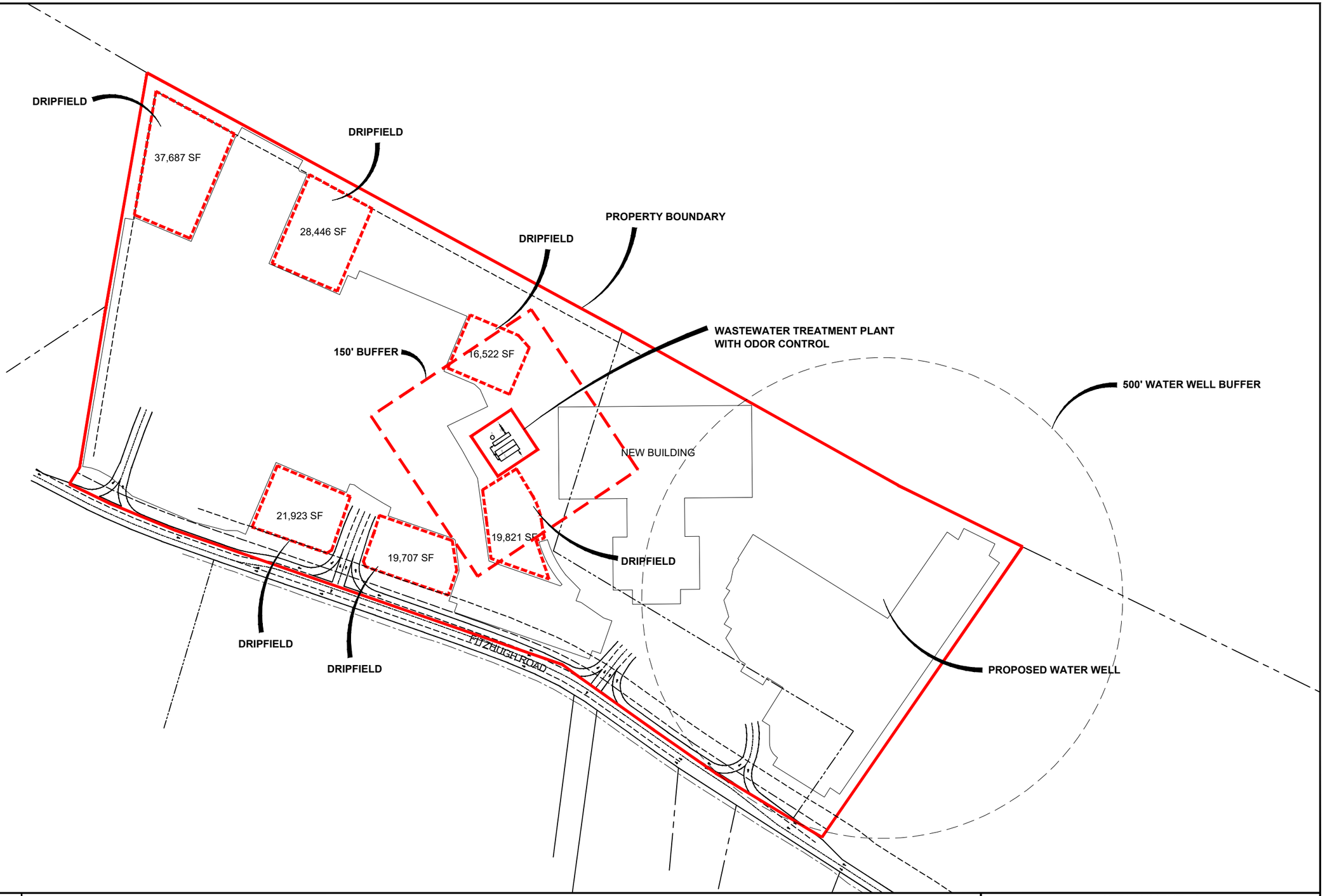


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F-12009

ATTACHMENT-7
ORIGINAL PHOTOGRAPHS LOCATION MAP
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

APP000085

ATTACHMENT 8
BUFFER ZONE MAP

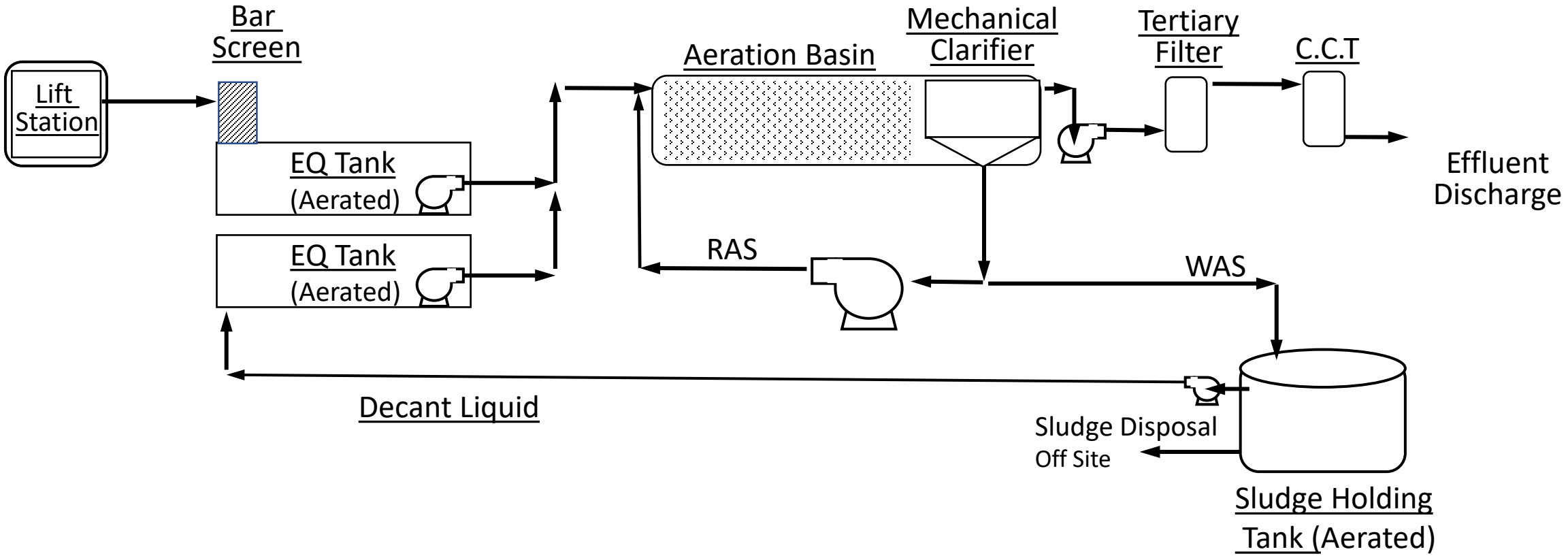


wwdengineering
engineered wastewater solutions
F-12009

ATTACHMENT - 8
BUFFER ZONE MAP
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

APP000087

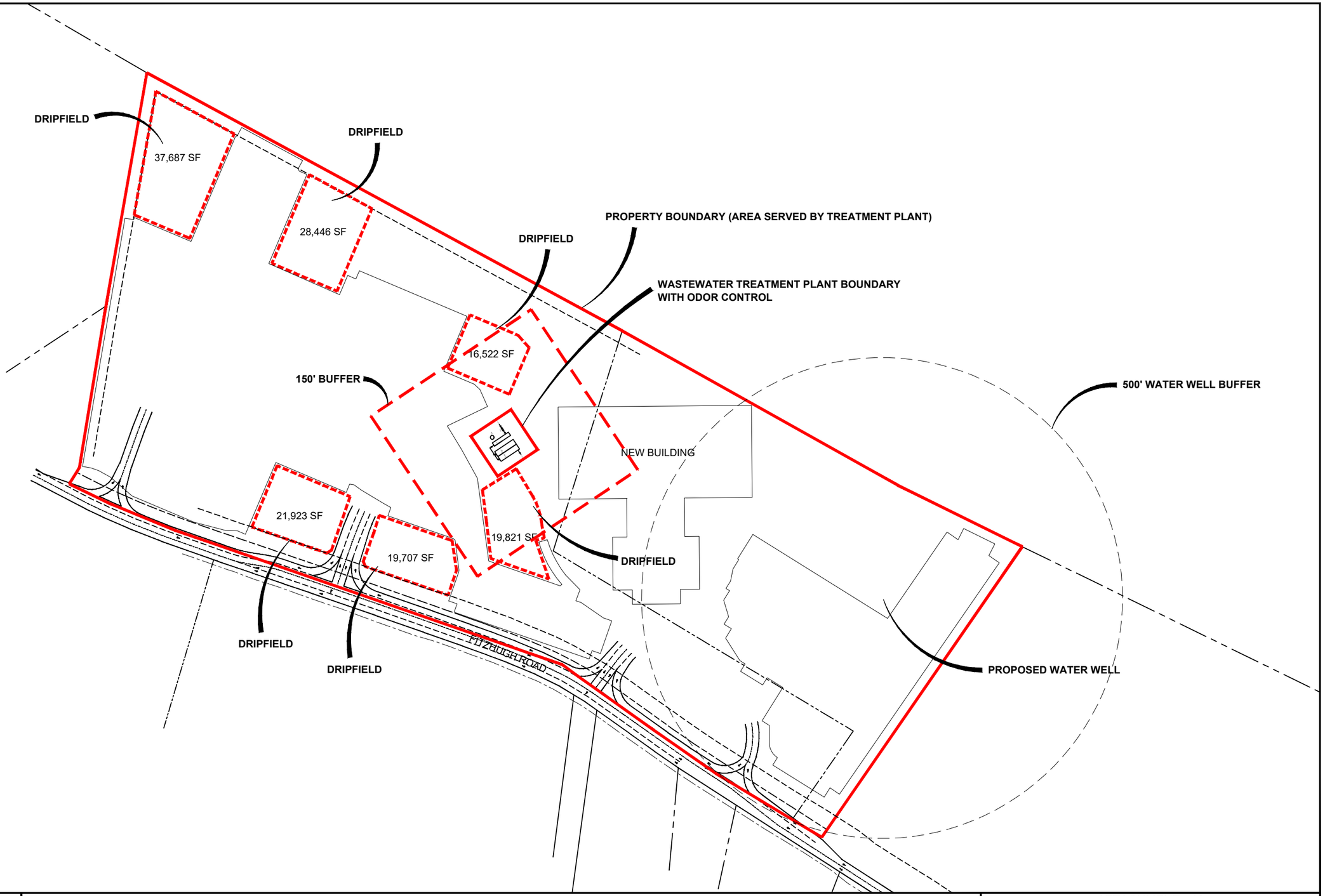
ATTACHMENT 9
TREATMENT PROCESS FLOW DIGRAM



WaterFleet LLC		
Rockingwall Dev. WWTP Process Flow Diagram		
DATE: 05/31/23 Dwg: R.Nicol,P.E.	Water Fleet	Dwg.No: WFSL-01 Revision: _____

APP000089

ATTACHMENT 10
SITE DRAWING



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engineered wastewater solutions
F-12009

ATTACHMENT - 10
SITE DRAWING
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

APP000091

ATTACHMENT 11
SLUDGE DISPOSAL AGREEMENT

Austin Wastewater Processing Facility
826 Linger Ln
Austin, Texas 78721
(512) 973-8484

Waste Stream Acceptance

Wastewater Residuals Management, LLC, an affiliate of Wastewater Transport Services, LLC, owns and operates the Austin Wastewater Processing Facility. This facility has been permitted by the TCEQ and assigned permit number MSW 2384. The disposal facility is expected to be open for at least the next 5 years.

The facility has been permitted as a Centralized Waste Treatment Facility able to revice to receive the following categorical and non-categorical waste streams:

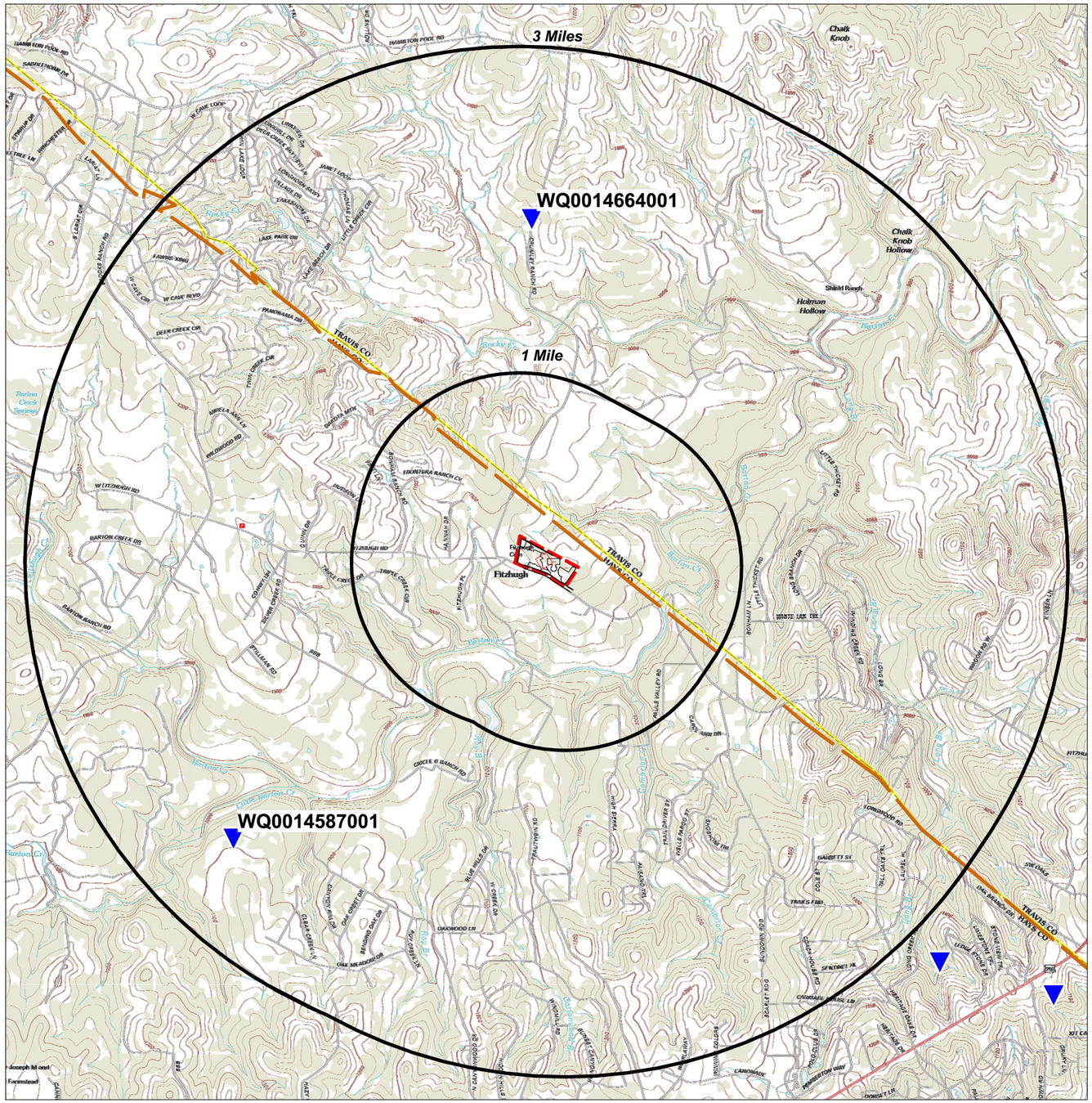
- Wastewater Treatment Plant Sludge
- Water Treatment Plant Sludge
- Leachate
- Septic
- Sanitary Sewer
- Storm Water
- Food Service Grease
- Car Wash Grit Trap
- Other Class II Non-Hazardous Liquid Waste

***Please note that analytical may be required before the waste stream will be accepted.

Wastewater Residuals Management, LLC agrees to accept any of the above waste streams.

Cory R. Juby
Environmental Compliance

Wastewater Residuals Management reserves the right to discontinue acceptance of the below mentioned waste at any time.



Target Property (TP)

TPDES/TXLANDAPP

WASTEWATER OUTFALL

wwdengineering
engineered wastewater solutions
F-12009

0 400 800 1,600 2,400

= 400'

ATTACHMENT-12
WASTEWATER FACILITIES MAP
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

APP000095

WQ0014664001
ROCKY CREEK RANCH WWTP
Travis County Municipal Utility District 16
1108 LAVACA ST STE 530 AUSTIN, TX 78701 -2172

WQ0014587001
HEADWATERS WATER RECLAMATION PLANT
Headwaters Municipal Utility District
901 S MOPAC EXPRESSWAY AUSTIN, TX 78746

ATTACHMENT 13
LETTERS TO LOCAL WASTEWATER PLANTS

October 19, 2021

VIA CERTIFIED MAIL

Hays County WCID No. 1
c/o Judy McAngus
Kelly Hart and Hallman, LLP
303 Colorado Street
Austin, TX 78701-3924

Re: Wastewater Service Request

Dear Sir or Madam:

We are contacting you on behalf of Blizexas and in accordance with the Texas Commission on Environmental Quality (TCEQ) requirements for new wastewater treatment facilities. Blizexas is applying for a permit to construct a wastewater treatment facility that will process 12,000 gallons per day, to be located on Fitzhugh Road. In accordance with TCEQ requirements we are notifying all existing wastewater facility owners within three miles of the proposed facility and requesting that they provide service to the proposed development. We would appreciate a response to this request.

Please contact me if you have any questions regarding this request.

Yours truly,

Erin Banks, PE
WWD Engineering
9217 Highway 290 West, Suite 110
Austin, TX 78736

October 19, 2021

VIA CERTIFIED MAIL

Headwaters MUD of Hays County
c/o McLean and Howard, LLP
901 S. Mopac Expwy
Suite 2-225
Austin, TX 78746

Re: Wastewater Service Request

Dear Sir or Madam:

We are contacting you on behalf of Blizexas and in accordance with the Texas Commission on Environmental Quality (TCEQ) requirements for new wastewater treatment facilities. Blizexas is applying for a permit to construct a wastewater treatment facility that will process 12,000 gallons per day, to be located on Fitzhugh Road. In accordance with TCEQ requirements we are notifying all existing wastewater facility owners within three miles of the proposed facility and requesting that they provide service to the proposed development. We would appreciate a response to this request.

Please contact me if you have any questions regarding this request.

Yours truly,

Erin Banks, PE
WWD Engineering
9217 Highway 290 West, Suite 110
Austin, TX 78736

October 19, 2021

VIA CERTIFIED MAIL

Hays County MUD No. 4
Attn: Phil Haag
McGinnis, Lochridge, & Kilgore, LLP
600 Congress Avenue
Suite 2100
Austin, TX 78701

Re: Wastewater Service Request

Dear Sir or Madam:

We are contacting you on behalf of Blizexas and in accordance with the Texas Commission on Environmental Quality (TCEQ) requirements for new wastewater treatment facilities. Blizexas is applying for a permit to construct a wastewater treatment facility that will process 12,000 gallons per day, to be located on Fitzhugh Road. In accordance with TCEQ requirements we are notifying all existing wastewater facility owners within three miles of the proposed facility and requesting that they provide service to the proposed development. We would appreciate a response to this request.

Please contact me if you have any questions regarding this request.

Yours truly,

Erin Banks, PE
WWD Engineering
9217 Highway 290 West, Suite 110
Austin, TX 78736

Blizexas

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Hays Co MUD 4
McGinnis, Lochridge, Kilgore
600 Congress Ave, Suite 2100
Austin, TX 78701

9590 9402 6345 0296 7762 21

2. Article Number *(Transfer from service label)*

7019 0700 0001 1206 6024

PS Form 3811, July 2020 PSN 7530-02-000-9053 — Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☒ Agent
☐ Addressee

B. Received by *(Printed Name)*

C. Date of Delivery 10-28

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Priority Mail Express®
- ☒ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☒ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Restricted Delivery

Blizexas

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Hays CoMUD 1
Kelly Hart & Hallman
303 Colorado Street
Austin, TX 78701 3924

9590 9402 6068 0125 0003 16

2. Article Number *(Transfer from service label)*

7019 0700 0001 1206 6000

PS Form 3811, July 2015 PSN 7530-02-000-9053 — Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent
☐ Addressee

B. Received by *(Printed Name)*

C. Date of Delivery 10/27/21

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☒ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Blizexas

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Headwaters Mud
McLean & Howard
901 S. Mopac, Suite 2-225
Austin, TX 78746

9590 9402 6068 0125 0003 30

2. Article Number *(Transfer from service label)*

7019 0700 0001 1206 7854

PS Form 3811, July 2015 PSN 7530-02-000-9053 — Domestic Return Receipt

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☒ Agent
☐ Addressee

B. Received by *(Printed Name)* Catherine Bacon

C. Date of Delivery 10/27/21

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☒ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☒ Return Receipt for Merchandise
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Project: Hays County WWTP
Job Number:
Design By:
Checked By:
Date: 11/10/2021

Description: Process Calculations

Final Process Calculations (Based on TCEQ Criteria Only)

Design Parameters

Influent Flow Characteristics - The hydraulic design of the facility must ensure that the plant will operate under the most extreme conditions anticipated. The plant process and hydraulic design for this facility are as follows:

Average Design Flow	0.012	MGD	
Peaking Factor	1		
Peak Flow	0.012	MGD	
	8	gpm	

Effluent Characteristics

BOD_5	S_e	10	mg/L
TSS	TSS_e	10	mg/L
NH_3-N	N_e		mg/L
TN	TN_e		mg/L
P	P_e		mg/L

Influent BOD_5	540	mg / l
	54	lbs / day
Influent TSS	540	mg/L
	54	lbs / day
Influent NH3-N	65	mg/L
	7	lbs / day
Influent TKN	65	mg/L
Influent Phospho	7	mg/L
Reactor temp	20	°C
	68	°F
Elevation	1350	feet ASL

Process Design - In order to achieve the required removal efficiencies, activated sludge process operated in the conventional mode without nitrification has been chosen.

Aeration Basin

	Value		*Regulation*
TCEQ Maximum Organic Loading	45	lbs BOD / day / 1000 cu. ft.	217.154(b)(Table F.1)
Aeration Volume Required	1,201	cu. ft.	
MLSS	3,000	mg/L	
MLVSS/MLSS	0.7		
MLVSS	2,100	mg/L	

Tanks

Length	18.5	ft
Width	8	ft
Height	8.50	
SWD	8.17	ft
# Tanks	1	
Volume	1,210	cu. ft.
Capacity	0.012	MGD Average Flow

Total Volume	1,210	cu. ft.
Volume greater than required	YES	
Organic Loading	44.68	lbs BOD5/day
Hydraulic Retention time, τ	18.10	hours
Solids Retention Time, SRT	5.5	days
f:m	0.34	lbs BOD5/lbs MLVSS/day

APP000103

Project: Hays County WWTP
Job Number:
Design By:
Checked By:
Date: 11/10/2021

Description: Process Calculations

Final Process Calculations (Based on TCEQ Criteria Only)

Clarifier

	Value			*Regulation*
TCEQ Maximum surface Loading (Qpk)	1200	gal / day / sq. ft. at peak flow		217.154(c)(Table F.2)
TCEQ Minimum detention time (Qpk)	1.8	hours at peak flow		217.154(c)(Table F.2)
TCEQ Maximum weir Loading (Qpk)	20,000	gal/day/ft		217.152(c)(4)
TCEQ Minimum Side Water Depth (SWD)	8	feet		217.152(g)(2)(A)/(B)
TCEQ Maximum Stilling Well Velocity	0.15	feet/second		217.152(a)(4)
Surface area required	10	sq. ft.	3.6	ft. min. dia. for one clarifier
Volume required	120	cu. ft.	2.5	ft. min. dia. for two clarifiers
Stilling Well Diameter	1.5	feet	Typ. value is 15-20% of total tank diameter (M&E, p.401)	
Stilling Well Velocity at Qpk	0.05	fps	Meets Requirement?	YES

Clarifier(s) Provided:	1	tank(s)	
Diameter	8	ft	
Height	8.50	ft	
Static WL	11.75	ft	
SWD	8.00	ft	
Surface area	50	sq. ft.	
Volume	402	cu. ft.	
Capacity	0.040	MGD Average Flow	
	0.04011	MGD Peak Flow	

Total Surface Area	50	sq. ft.	Greater than required?	YES
Total Volume	402	cu. ft.	Greater than required?	YES

	Qaverage		Qpeak	
Clarifier Surface Loading	239	GPD/SF	239	GPD/SF
Clarifier Detention Time	6.02	Hours	6.02	Hours
Solids Loading Rate	0.67	$lb/ft^2/hr$	0.67	$lb/ft^2/hr$

Clarifier Wall to Weir Length	3	inches	
Weir Length	23.6	Ft.	
Weir Loading	509	GPD/LF	

RAS/WAS Pumping & Piping

	Value				*Regulation*
TCEQ Minimum Sludge Pipe Diameter	4	inches			217.152(e)(2), 217.158(e)(3)
Clarifier Surface Area	50	sq. ft.			
TCEQ Min. RAS Pumping Capacity @200	7	gpm	Qr/Q =	0.84	217.152(j)(3)
TCEQ Max. RAS Pumping Capacity @ 400	14	gpm	Qr/Q =	1.68	217.152(j)(3)
RAS/WAS Pipe Diameter	6	inches			
Velocity in RAS/WAS Pipe @ Min. Rate	0.08	fps			
Velocity in RAS/WAS Pipe @ Max. Rate	0.16	fps			
WAS Volume to Digester	566	gpd			
Number of WAS Cycles Per Day	1				
Duration of WAS Cycles	3	minutes			
WAS Flow Rate During Each Cycle	189	gpm			
WAS Pipe Diameter	6	inches			
Velocity in WAS Pipe	2.135	fps			

Scum Flow Rate

Launder Width	6	inches
Scum Flow Rate	14.28	gpm
Scum Collector Pipe Diameter	2.5	inches
Scum Airlift Diameter	4	inches
Water Height in Launder	0.51	inches

APP000104

Project: Hays County WWTP Description: Process Calculations
Job Number:
Design By:
Checked By:
Date: 11/10/2021

Final Process Calculations (Based on TCEQ Criteria Only)

Digesters

	Value		*Regulation*
TCEQ Minimum Sludge Retention Time	40	days	217.249(t)(4)(B)(Table J.2)
TCEQ Min. Volatile Solids Loading Rate	100	lb / day / 1,000 cu. ft.	217.249(t)(7)(D)
TCEQ Max. Volatile Solids Loading Rate	200	lb / day / 1,000 cu. ft.	217.249(t)(7)(D)

Influent BOD_5	54	lb/ day
Effluent BOD_5	1	lb/ day
BOD_5 to Digester	53	lb/ day

Volume Required from Metcalf and Eddy, "Wastewater Engineering," 4th Edition

Hydraulic Detention Time of the Aeration Basins

$$\theta\,(\text{Gal}) = \left(\frac{\text{Volume of Aeration Basins in Gallons}}{\text{Average Influent Flow in Gallons / Day}}\right) * 24\,\text{hrs}/\text{day}$$

BOD_5 *Utilized*

$$BOD_5 utilized\left(\text{lbs BOD}_5/\text{day}\right) = Q * (S_i - S_e)$$

NH_3-N *Utilized*

$$NH_3 utilized\left(\text{lbs NH}_3/\text{day}\right) = Q * (N_i - N_e)$$

Hydraulic Detention Time of Aeration Basin	18.10	Hours
BOD_5 *utilized*	53	lb BOD_5 / day
NH_3 *utilized*	7	lb NH_3 -N / day

S	BOD_5 Concentration			
N	NH_3-N Concentration			
i	Influent (subscript)			
e	Effluent (subscript)			
Q	Average Design Flow			
Q_{design}	Peak Flow			
Q_W	Waste Sludge Flow to Digester			
X_W	Waste Sludge Concentration	8,500	mg/L	
Y	Yield Coefficient	0.6	VSS/lb BOD_5	
Y_n	Yield Coefficient (nitrification)	0.15	VSS/lb NH_3-N	
k_d	Endogenous Decay Coefficent	0.06	/day	
k_{dn}	Endogenous Decay Coeff. (nitrifica	0.30	/day	
P_n	Volatile Fraction of X	0.70		
	MLVSS/MLSS Ratio	0.70		
S_{sl}	Specific Gravity of Sludge	1.005		
X	Sludge Concentration in Digester	15,000	mg/L	
P_s	Percent Solids in Digester	1.5	%	
$TSS_{\%}$	% of TSS that is inert	50	%	
ρ_w	Specific Weight of Water	8.34	lbs / gallon	

Typical Values

Variable	Range		Source
X_W	0.8	2.5	M&E, 4th ed., pg. 1457
Y	0.4	0.8	M&E, 4th ed., pg. 585
Y_n	0.04	0.29	WEF MoP 8, Vol I, p. 53
k_d	0.06	0.15	M&E, 4th ed., pg. 585
k_{dn}	0.3	3.0	WEF MoP 8, Vol I, p. 53
P_n	0.59	0.88	M&E, 4th ed., pg. 1454
S_{sl}	1.005	1.005	M&E, 4th ed., pg. 1456
X	15,000	40,000	M&E, 4th ed., pg. 1457
P_s	1.5	4	M&E, 4th ed., pg. 1457

APP000105

Project: Hays County WWTP Description: Process Calculations
Job Number:
Design By:
Checked By:
Date: 11/10/2021

Final Process Calculations (Based on TCEQ Criteria Only)

Carbonaceous Yield Coefficient Observed M&E, 4th ed. Pg. 595

$$Y_{c,obs} = \left(\frac{Y}{1 + k_d * \theta}\right)$$

Nitrogenous Yield Coefficient M&E, 4th ed. Pg. 595

$$Y_{n,obs} = \left(\frac{Y_n}{1 + k_{dn} * \theta}\right)$$

Carbonaceous Sludge Production (MLVSS M&E Pg. 681

$$P_{x,c}\left(\text{lb}/\text{day}\right) = Y_{c,obs} * Q * (S_i - S_e) = Y_{c,obs} * BOD_5 utilized$$

Nitrogenous Sludge Production (MLVSS) M&E, 4th ed. Pg. 681

$$P_{x,n}\left(\text{lb}/\text{day}\right) = Y_{n,obs} * Q * (N_i - N_e) = Y_{n,obs} * NH_3 utilized$$

Inert Sludge Production M&E, 4th ed. Pg. 681

$$P_{x,i}\left(\text{lb}/\text{day}\right) = Q_{design} * TSS_{\%} * (TSS_i - TSS_e) * 8.34$$

Total Sludge Production M&E, 4th ed. Pg. 682

$$P_x\left(\text{lb}/\text{day}\right) = P_{x,c} + P_{x,n} + P_{x,i}$$

Waste Sludge Flow to Dige M&E, 4th ed. Pg. 1458

$$Q_w = \frac{\text{Total Sludge Production, Dry Solids}}{\rho_w S_{sl} P_s}$$

Required Volume M&E, 4th ed. Pg. 1537

$$V\,(\text{Gal}) = \left(\frac{Q_w}{X}\right)\left(\frac{(X_w + Y * S_i)}{k_d * P_n + \frac{1}{SRT}}\right)$$

$Y_{c,obs}$	Carbonaceous Yield Coefficient	0.57	
$P_{x,c}$	Carbonaceous Sludge Production	30	lb / day (MLVSS)
		43	lb / day (MLSS)
$Y_{n,obs}$	Nitrogenous Yield Coefficient	0.12	
$P_{x,n}$	Nitrogenous Sludge Production	0.80	lb / day (MLVSS)
		1.14	lb / day (MLSS)
Inert Sludge Production (TSS), Dry Solids		27	lb / day
Total Sudge Production, Volatile Solids		31	lb / day
Volatile Solids Loading Rate		47	lb / day / 1,000 cu. ft.
Total Sudge Production, Dry Solids		71	lb / day
Q_W	Waste Sludge Flow to Digester	566	gallons / day
Digester Volume Required		4,969	gallons
		664	cu. ft.

Digester Sizing (Alternate Method)

Assume sludge production =	20	cu. ft. per lb of BOD5
Required Volume =	**1,081**	cu. ft.

Tank

Diameter	10.75	ft
Width		ft
Height	8.50	ft
SWD	7.36	ft
# Tanks	1	
Volume	668	cu. ft.

Total Digester Vol. available	668	cu. ft.
Volume greater than required	YES	

Project: Hays County WWTP
Job Number:
Design By:
Checked By:
Date: 11/10/2021

Description: Process Calculations

Final Process Calculations (Based on TCEQ Criteria Only)

Chlorine Contact Chamber

		Value		*Regulation*
TCEQ Minimum detention time (Qpk)		20	min	217.281(b)(1)
Volume required		22	cu. ft.	

Proposed Tank

Length	1.47	ft	
Width	8.00	ft	
Height	8.50	ft	
Static WL	8.75	ft	
SWD	7.50	ft	
# Tanks	1		
Volume	88	cu. ft.	
Capacity	0.047	MGD Average Flow	
Total Capacity	88	cu. ft.	
Detention Time	78.99	Minutes	Meets Capacity
Volume greater than required			YES

APP000107

Project: Hays County WWTP Description: Process Calculations
Job Number:
Design By:
Checked By:
Date: 11/10/2021

Final Process Calculations (Based on TCEQ Criteria Only)

Air Requirements

		Value		*Regulation*
Air requirements for Aeration basins $O_2R = \frac{1.2(BOD_5) + 4.3(NH_3 - N)}{BOD_5}$		1.72	lb oxygen per lb BOD	217.155(a)(3)(Equation F.2)
	Use	1.20	lb oxygen per lb BOD	
Air Requirements for Digesters		20	SCFM /1000 cu. ft.	217.249 (t)(7)(G)
	Use	30	SCFM /1000 cu. ft.	
Minimum Mixing Requirements for Aeration		20	SCFM / 1000 cu. ft.	217.155 (b)(3)(B)
Diffuser Transfer Efficiency		6.6%	(In wastewater)	217.155 (b)(2)(B)
Design Submergence		8.00	feet	

Table F.5 Diffuser Submergence Correction Factors

Diffuser Submergence Depth	Airflow Rate Correction Factor
feet	
8	1.82
10	1.56
12	1
15	0.91
18	0.73
20	0.64

Diffuser Submergence Correction Factor 1.82 @ design flow depth 217.155 (b)(2)(D)(Table F.5)

Aeration Basins: Corrected Air Flowrate @ Design Subme 72 SCFM

$$= \frac{\{(\text{lb BOD}) * (\text{lb Oxygen / lb BOD})\} * \text{Correction Factor}}{(\text{T.E.})\ (\text{lb Oxygen / lb air})\ (\text{lb air / cu. ft.})\ (\text{min / day})}$$

217.155 (b)(2)(C)

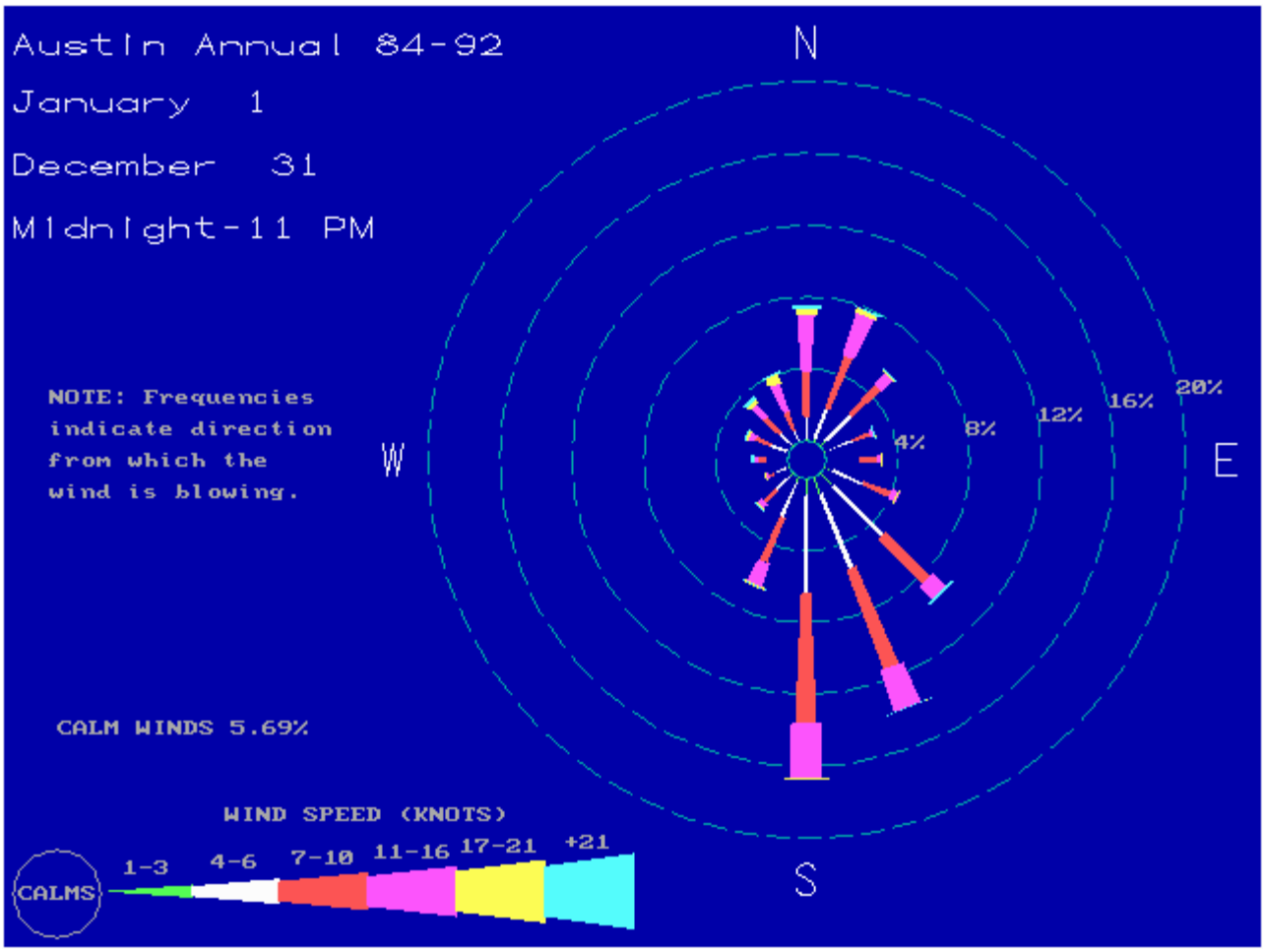
Verify Mixing Requirements for Aeration Basins: 59 OK

Air Required for Digesters: 20 SCFM

Air Required for Post Aeration - Chlorine Basin	2	SCFM	20 scfm/1000cf
Air Required for Air Lifts	5	SCFM	
Air for Initial Mixing	0	SCFM	
Total Air Required	98	SCFM	
Maximum Water Depth Over Diffuser	8.00	feet	
Pressure Loss in Piping	1	psi *	
Pressure @ Blowers	4.5	psi	
Air Flow per Blower @ Required Pressure	100	SCFM	
Blowers Required w/o Standby	1.0		
Total Blowers Required	2.0		

APP000108

ATTACHMENT 15
WIND ROSE


Austin Annual 84-92
January 1
December 31
Midnight-11 PM
NOTE: Frequencies indicate direction from which the wind is blowing.
CALM WINDS 5.69%
WIND SPEED (KNOTS)
CALMS
1-3
4-6
7-10
11-16
17-21
+21
N
E
S
W
4%
8%
12%
16%
20%

Domestic Technical Report 1.1 7
Sewage Sludge Solids Management Plan

Planning Considerations

Influent Design Flow	0.012	MGD
Total Sludge Holding Tank Volume	668	cubic feet
Tank Dimensions	10.75' DIA x 7.36' SWD	
Aeration Basin MLSS (mg/L)	1,500 to 4,000 mg/l	

BOD_5 Removal	Influent Concentration =	540	mg/l
	Effluent Concentration =	10	mg/l
	Net Removal =	530	mg/l

Solids Generated	100% Flow	75% Flow	50% Flow	25% Flow
Pounds BOD_5/day Removed	53	40	27	13
Pounds/Day of Dry Sludge Produced	17	13	8	4
Pounds/Day of Wet Sludge Produced	1,114	835	557	278
Gallons/Day of Wet Sludge Produced	134	100	67	33

Sludge will stay in the digester; clear liquor will be decanted off the digester and returned to the aeration basins. Sludge is wasted from the final clarifiers to the aerobic digester. Some sludge from the clarifier is also returned to the aeration basins.

Removal Schedule

Days Between of Sludge Removal	37	50	75	150

Assumptions
(1) Assumed 0.315 pounds of dry sludge produced per pound of BOD5 removed
(2) Assumed solids concentration in the tank 1.5%
(3) Assumed stablized sludge density = water density 8.34 lb/gal

Rockingwall Ranch

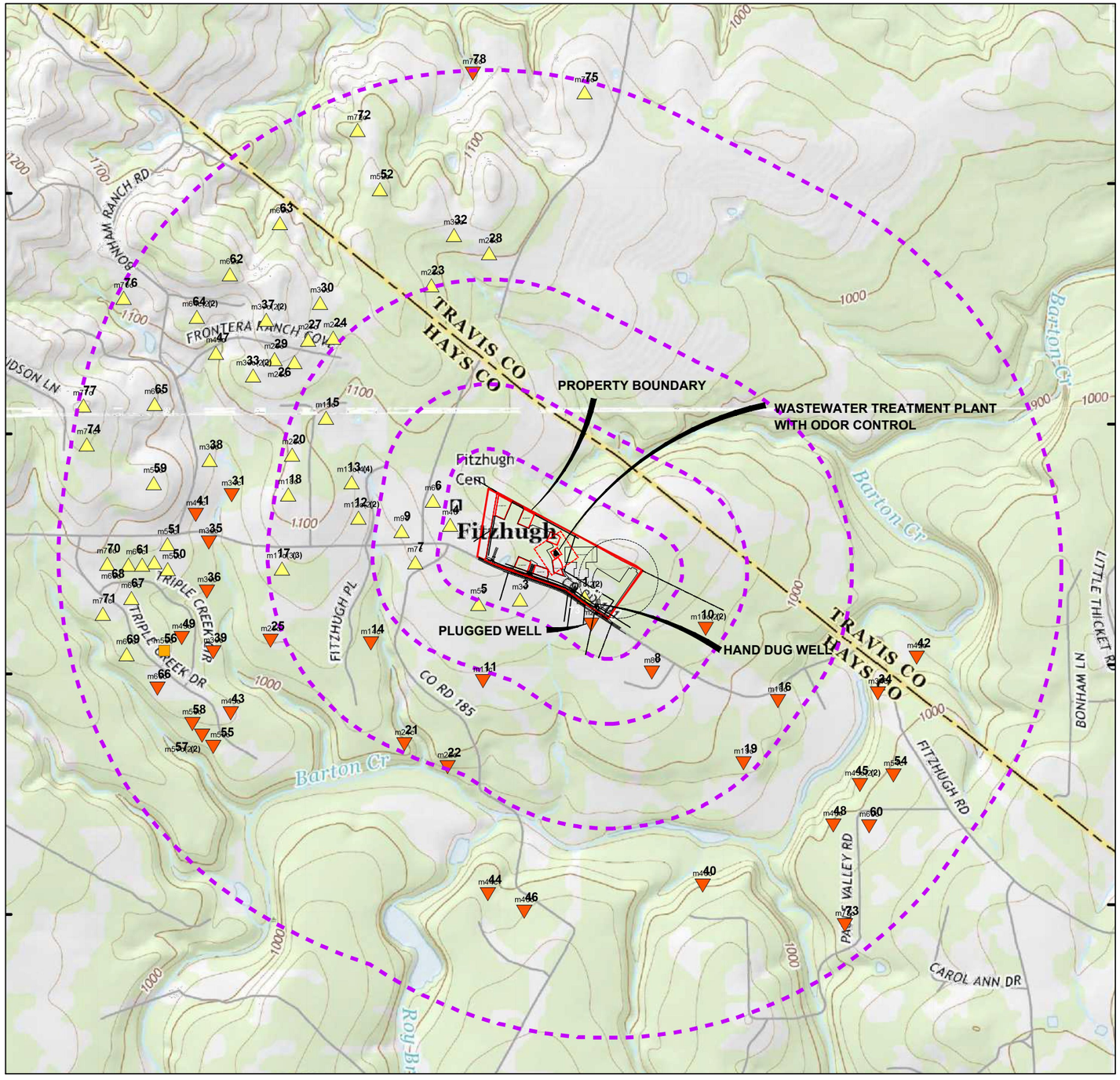
Annual Cropping Plan

The proposed cropping and maintenance plan for the wastewater application areas (subsurface area drip disposal system) is to remove any small trees in the field area, smooth the fields, install the dripper lines, place soil if needed, and overseed with Bermuda grass. The fields will be over seeded with winter rye grass during the cool season to ensure year round uptake of water and nutrients. The Bermuda grass will grow from March to October. The Rye grass will grow from November to February. The fields will be mowed regularly and maintain a vegetative height of approximately 3- 6 inches, to ensure that the grasses will be actively growing at all times. No supplemental irrigation will be needed.

There are no plans to fertilize the grasses other than natural germination. Fertility recommendations for the grasses to be used at this site are generally 100-150 lbs/acre of Nitrogen. The grasses will be fertilized for germination and it is not anticipated that future fertilization will be required.

Turf grasses are very salt tolerant and this site is not expected develop salinity problems.

The grass will only be harvested to maintain vigorous growth in the fields. This will be done when the operator determines that there is stress on the fields.



wwdengineering
engineered wastewater solutions
F-12009

ATTACHMENT-18
WELL MAP
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

APP000116

TEXAS WATER WELL REPORT

Project Property:	*Rockingwall TLAP* *Fitzhugh Rd* *Austin TX 78738*
Project No:	
Order No:	*23032000415*
Requested by:	*WWD Engineering*
Date Completed:	*March 21, 2023*

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Executive Summary

Property Information:

Project Property:	*Rockingwall TLAP* *Fitzhugh Rd Austin TX 78738*
Project No:	
Coordinates:	
Latitude:	*30.2456219*
Longitude:	*-98.0233529*
UTM Northing:	*3,346,406.18*
UTM Easting:	*593,964.78*
UTM Zone:	*14R*
Target Property Geometry:	*POLYGON*
County/Parish Covered:	*Hays (TX), Travis (TX)*
Zipcode(s) Covered:	*Austin TX: 78736, 78737, 78738* *Dripping Springs TX: 78620*
State(s) Covered:	*TX*

Executive Summary: Report Summary

Database	Searched	Project Property	Within 1.00mi	Total
Federal				
FED USGS	Y	0	0	0
State				
TCEQ WELL LOGS	Y	**2**	**19**	**21**
SDRW WELLS	Y	0	**61**	**61**
GWDB	Y	0	**7**	**7**
WW FORT BEND	Y	0	0	0
WW HIGH PLAINS	Y	0	0	0
WW HARRIS GAL	Y	0	0	0
WUD	Y	0	0	0
	Total:	**2**	**87**	**89**

**** PO – Property Only***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Page Number
1	TCEQ WELL LOGS		TX **Grid No | Owners Name:** *57-56-3 | DAKOTA SMITH*	SE	0.00 / 0.00	18
1	TCEQ WELL LOGS		TX **Grid No | Owners Name:** *57-56-3 | DAKOTA SMITH*	SE	0.00 / 0.00	21

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Page Number
2	SDRW WELLS	BUJAN-HALL CUSTOM HOMES	14735 Fitzhugh Road Dripping Springs TX 78620 ***Track NO:*** *86113*	SSE	0.03 / 179.16	24
3	SDRW WELLS	Christi Bacot	15000 Fitzhigh Rd./HTGCD #889 Austin TX 78736 ***Track NO:*** *265094*	SW	0.06 / 317.80	25
4	SDRW WELLS	Jason Neyland	15100 Fitzhugh Rd Austin TX 78736 ***Track NO:*** *583793*	WSW	0.10 / 535.89	26
5	SDRW WELLS	FITZHUGH BAPTISH CHURCH	15245 FITZHUGH RD. AUSTIN TX 78736 ***Track NO:*** *207762*	WNW	0.13 / 670.16	27
6	SDRW WELLS	GEORGE LOGSDON	15309 FITZHUGH RD. DRIPPING SPRINGS TX 78620 ***Track NO:*** *14843*	W	0.15 / 785.76	28
7	SDRW WELLS	RICHARD BISCHOFF	14625 FITZHUGH AUSTIN TX 78737 ***Track NO:*** *116093*	SE	0.17 / 881.66	29
8	SDRW WELLS	Fitzhugh Corners POA	15310 Fitzhugh Rd. Dripping Springs TX 78620 ***Track NO:*** *361609*	W	0.19 / 995.20	30
9	SDRW WELLS	Nick Burkhalter	12225 Trautwein Rd Austin TX 78620 ***Track NO:*** *302878*	SSW	0.27 / 1,448.98	31
10	GWDB	Fitzhugh Corners	TX ***State Well NO*** **|** ***Owner Name:*** *5756309 | Fitzhugh Corners*	W	0.29 / 1,555.61	32
10	SDRW WELLS	Fitzhugh Corners P.O.A	11931 Fitzhugh Rd Dripping Springs TX 78620 ***Track NO:*** *292983*	W	0.29 / 1,555.61	41
11	TCEQ WELL LOGS	FITZHUGH CORNERS	TX ***Grid No*** **|** ***Owners Name:*** *57-48-9 | FITZHUGH CORNERS*	WNW	0.32 / 1,713.05	42
11	TCEQ WELL LOGS	FITZHUGH CORNERS	TX ***Grid No*** **|** ***Owners Name:*** *57-48-9 | FITZHUGH CORNERS*	WNW	0.32 / 1,713.05	45

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Page Number
11	TCEQ WELL LOGS	FITZHUGH CORNERS	TX **Grid No | Owners Name:** *57-48-9 | FITZHUGH CORNERS*	WNW	0.32 / 1,713.05	48
11	SDRW WELLS	FITZHUGH CORNERS	11914 FITZHUGH CORNERS DRIPPING SPRINGS TX 78620 **Track NO:** *386316*	WNW	0.32 / 1,713.05	49
12	SDRW WELLS	Tim Jennings	12101 Fitzhugh Place Dripping Springs TX 78620 **Track NO:** *266992*	WSW	0.33 / 1,738.19	50
13	SDRW WELLS	Mike McDonald	460 Hannah Drive Dripping Springs TX 78620 **Track NO:** *519169*	WNW	0.42 / 2,239.59	51
14	SDRW WELLS	Joe Terry	14101 Fitzhugh Rd. Austin TX 78737 **Track NO:** *299203*	ESE	0.45 / 2,349.88	52
15	TCEQ WELL LOGS	GLEN SARGENT	TX **Grid No | Owners Name:** *57-48-9 | GLEN SARGENT*	W	0.47 / 2,466.32	53
15	TCEQ WELL LOGS	GLEN SARGENT	TX **Grid No | Owners Name:** *57-48-9 | GLEN SARGENT*	W	0.47 / 2,466.32	56
15	SDRW WELLS	DUBB SMITH	15435 FITZHUGH RD. DRIPPING SPRINGS TX 78620 **Track NO:** *483466*	W	0.47 / 2,466.32	61
16	SDRW WELLS	GREG JUNG	213 HANNAH DRIVE DRIPPING SPRINGS TX 78620 **Track NO:** *54955*	WNW	0.47 / 2,479.30	62
17	SDRW WELLS	Joe Terry	TX **Track NO:** *282944*	SE	0.47 / 2,503.71	63
18	SDRW WELLS	CODY WILLIAMS	321 HANNAH DRIVE, LOT 12 DRIPPING SPRINGS TX 78620 **Track NO:** *62936*	WNW	0.48 / 2,514.68	64
19	SDRW WELLS	GLEN & LINDA WEICHERT	12241 FITZHUGH PLACE DRIPPING SPRINGS TX 78620 **Track NO:** *86688*	SW	0.48 / 2,541.31	65
20	SDRW WELLS	CARTER KING	12250 TRAUTWEIN RD AUSTIN TX 78737 **Track NO:** *156856*	SSW	0.50 / 2,619.31	66

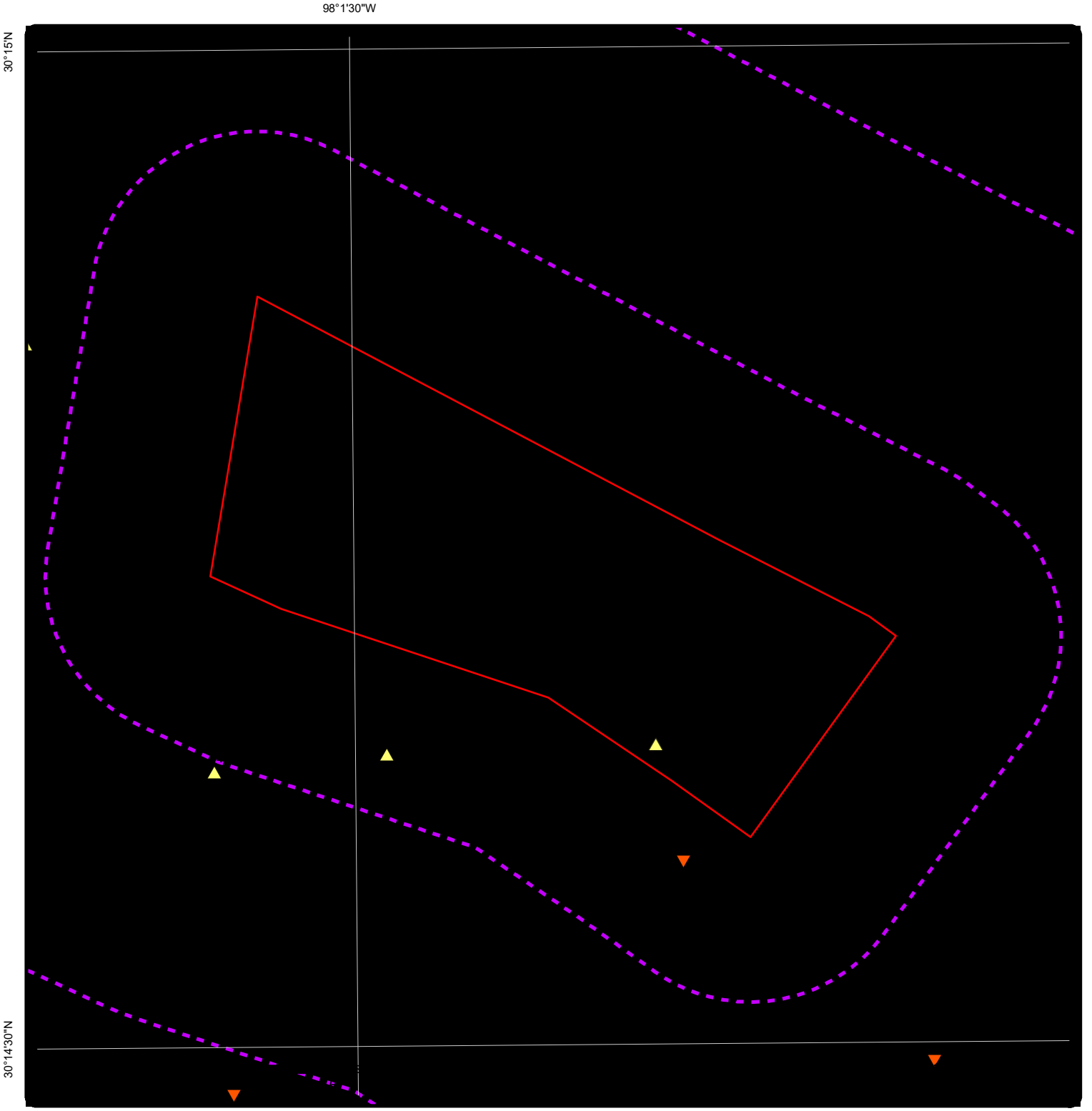
Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Page Number
21	TCEQ WELL LOGS	CHRIS WAHLBERG	TX ***Grid No* | *Owners Name:*** *57-48-9 | CHRIS WAHLBERG*	NNW	0.51 / 2,668.31	67
22	SDRW WELLS	DUMAS HOME BUILDING	493 FRONTERA RANCH DRIPPING SPRINGS TX 78620 ***Track NO:*** *135355*	NW	0.52 / 2,732.25	70
23	SDRW WELLS	R.G. KEEN	15425 FITZHUGH RD DRIPPING SPRINGS TX 78620 ***Track NO:*** *41224*	WSW	0.53 / 2,813.11	71
24	SDRW WELLS	Jarrod and Kelli Murdock	418 Frontera Ranch Cove Dripping Springs TX 78620 ***Track NO:*** *507490*	WNW	0.55 / 2,925.14	72
25	SDRW WELLS	Stock Lending Supply	465 Frontera Ranch Dripping Springs TX 78620 ***Track NO:*** *171288*	NW	0.56 / 2,952.44	73
26	GWDB	N.O. Crumley	TX ***State Well NO* | *Owner Name:*** *5748903 | N.O. Crumley*	NNW	0.56 / 2,971.69	74
27	SDRW WELLS	Reliance Custom Home	364 Frontera Ranch Cove Dripping Springs TX 78620 ***Track NO:*** *198917*	WNW	0.60 / 3,158.45	83
28	SDRW WELLS	WEBB EVANS	11355 BONHAM RANCH RD. DRIPPING SPRINGS TX 78620 ***Track NO:*** *483309*	NW	0.60 / 3,165.36	84
29	SDRW WELLS	Dale Moore	12099 Bonham Ranch Rd Dripping Springs TX 78620 ***Track NO:*** *179624*	W	0.60 / 3,178.22	85
30	TCEQ WELL LOGS	LUELLA GALBRAITH	TX ***Grid No* | *Owners Name:*** *57-48-9 | LUELLA GALBRAITH*	NNW	0.62 / 3,257.77	86
31	GWDB	Walt Graner Frontera OW-1	TX ***State Well NO* | *Owner Name:*** *5748912 | Walt Graner Frontera OW-1*	WNW	0.62 / 3,294.39	91
31	SDRW WELLS	WALT GRANER	11951 BONHAM RANCH RD. DRIPPING SPRINGS TX 78620 ***Track NO:*** *49940*	WNW	0.62 / 3,294.39	126
32	SDRW WELLS	Jim Spry	12330A Pauls Valley Rd. Austin TX 78737 ***Track NO:*** *422837*	ESE	0.63 / 3,349.31	127

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Page Number
33	SDRW WELLS	PAT SARGENT	15601 FITZHUGH RD. DRIPPING SPRINGS TX 78620 ***Track NO:*** *432581*	W	0.64 / 3,387.21	128
34	SDRW WELLS	STEVE BEARD	12319 TRIPLE CREEK CIRCLE DRIPPING SPRINGS TX 78620 ***Track NO:*** *76808*	W	0.65 / 3,431.83	129
35	GWDB	Walt Graner Frontera PW-1	TX ***State Well NO | Owner Name:*** *5748911 | Walt Graner Frontera PW-1*	NW	0.67 / 3,522.73	130
35	SDRW WELLS	WALT GRANER	11951 BONHAM RANCH RD. DRIPPING SPRINGS TX 78620 ***Track NO:*** *49944*	NW	0.67 / 3,522.73	169
36	SDRW WELLS	MARCELINO ACOSTA	12027 Bonham Ranch Rd Lot 21 Dripping Springs TX 78620 ***Track NO:*** *60083*	WNW	0.67 / 3,531.44	170
37	TCEQ WELL LOGS	JOHN HALL	TX ***Grid No | Owners Name:*** *58-49-2 | JOHN HALL*	WSW	0.67 / 3,543.56	171
38	SDRW WELLS	Ali Arabzadegan	12720 Pauls Valley Road Austin TX 78737 ***Track NO:*** *83045*	SSE	0.68 / 3,570.60	174
39	SDRW WELLS	CSME DEVELOPMENT	12155 BONHAM RANCH RD. DRIPPING SPRINGS TX 78620 ***Track NO:*** *116073*	W	0.68 / 3,581.59	175
40	GWDB	Lesco Corp	TX ***State Well NO | Owner Name:*** *5756301 | Lesco Corp*	ESE	0.69 / 3,626.65	176
41	SDRW WELLS	MIKE CULLENDER/ENDRES JOB	12417 TRIPLE CREEK DRIVE DRIPPING SPRINGS TX 78620 ***Track NO:*** *428112*	WSW	0.70 / 3,685.13	187
42	SDRW WELLS	Sean Murphy	12288 Trautwein Rd. Austin TX 78737 ***Track NO:*** *603538*	SSW	0.72 / 3,783.45	188
43	SDRW WELLS	Jim Spry	14105 Fizhugh Road Austin TX 78736 ***Track NO:*** *541565*	ESE	0.72 / 3,806.28	189
43	SDRW WELLS	Joe Terry	14101 Fitzhugh Rd. Austin TX 78737	ESE	0.72 / 3,806.28	190

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Page Number
			Track NO: *377567*			
44	SDRW WELLS	Sean Murphy	12290 Trautwein Rd. Austin TX 78737 ***Track NO:*** *603541*	S	0.73 / 3,839.03	191
45	SDRW WELLS	Reliance Custom Homes	262 Frontera Ranch Cove Dripping Springs TX 78652 ***Track NO:*** *231851*	WNW	0.73 / 3,839.81	192
46	SDRW WELLS	Jim Spry	12400 Pauls Valley Road Dripping Springs TX 78620 ***Track NO:*** *541568*	SE	0.73 / 3,855.46	193
47	TCEQ WELL LOGS	HAROLD DAVIS	TX ***Grid No*** **|** ***Owners Name:*** *N/A* | *HAROLD DAVIS*	W	0.73 / 3,871.00	194
48	SDRW WELLS	GARY LAFAYETTE	1225 TRIPLE CREEK CIRCLE DRIPPING SPRINGS TX 78616 ***Track NO:*** *433208*	W	0.74 / 3,901.79	197
49	TCEQ WELL LOGS	CARLTON TURNER	TX ***Grid No*** **|** ***Owners Name:*** *57-48-9* | *CARLTON TURNER*	W	0.74 / 3,903.80	198
50	TCEQ WELL LOGS	DALE OLDENKAMP	TX ***Grid No*** **|** ***Owners Name:*** *57-48-9* | *DALE OLDENKAMP*	NNW	0.76 / 4,019.66	199
51	TCEQ WELL LOGS	DAN MCKINNEY	TX ***Grid No*** **|** ***Owners Name:*** *14-57-9* | *DAN MCKINNEY*	W	0.77 / 4,068.58	202
51	GWDB	Radu Boghici	TX ***State Well NO*** **|** ***Owner Name:*** *5756310* | *Radu Boghici*	W	0.77 / 4,068.58	205
52	SDRW WELLS	Joe Terry	12345 Pauls Valley Rd. Austin TX 78737 ***Track NO:*** *342605*	ESE	0.77 / 4,079.52	216
53	SDRW WELLS	RIENZI CUSTOM HOMES	12500 TRIPLE CRK. DRIPPING SPRINGS TX 78620 ***Track NO:*** *62855*	WSW	0.78 / 4,102.92	217
54	TCEQ WELL LOGS	GLASS, DELBY/TED MASSINGILL	TX ***Grid No*** **|** ***Owners Name:*** *N/A* | *GLASS, DELBY/TED MASSINGILL*	WSW	0.78 / 4,115.50	218
55	TCEQ WELL LOGS	DENNIS BOHLS	TX ***Grid No*** **|** ***Owners Name:*** *N/A* | *DENNIS BOHLS*	WSW	0.78 / 4,141.36	221

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Page Number
55	SDRW WELLS	JACK DABNEY HOMES	12414 TRIPLE CREEK DRIVE, LOT 32-B DRIPPING SPRINGS TX 78620 **Track NO:** *54920*	WSW	0.78 / 4,141.36	224
56	SDRW WELLS	RIENZI CUSTOM HOMES	12410 TRIPLE CREEK DRIVE DRIPPING SPRINGS TX 78620 **Track NO:** *94540*	WSW	0.79 / 4,167.82	225
57	SDRW WELLS	David Embry	15800 Fitzhugh Rd. Dripping Springs TX 78620 **Track NO:** *357344*	W	0.79 / 4,173.82	226
58	SDRW WELLS	Joe Terry	12345 Pauls Valley Rd. Austin TX 78737 **Track NO:** *324088*	SE	0.80 / 4,210.00	227
59	SDRW WELLS	CARA EUBANK	12215 TRIPLE CREEK CIRCLE DRIPPING SPRINGS TX 78620 **Track NO:** *467599*	W	0.80 / 4,222.68	228
60	SDRW WELLS	Sam Caldwell	11355 Bonham Ranch Rd. Dripping Springs TX 78620 **Track NO:** *385494*	NW	0.80 / 4,241.96	229
61	SDRW WELLS	Jerry Swan	11201 Bonham Ranch Road #9 Dripping Springs TX 78620 **Track NO:** *91299*	NW	0.81 / 4,260.87	230
62	TCEQ WELL LOGS	CHARLES D. CARPENTER	TX **Grid No | Owners Name:** *57-48-9 | CHARLES D. CARPENTER*	WNW	0.81 / 4,265.43	231
62	SDRW WELLS	Morgan, Frank	11401 Bonham Ranch Rd. Dripping Springs, TX TX 78620 **Track NO:** *103823*	WNW	0.81 / 4,265.43	234
63	TCEQ WELL LOGS	SHARON BENNET	TX **Grid No | Owners Name:** *57-48-9 | SHARON BENNET*	WNW	0.82 / 4,346.24	235
64	SDRW WELLS	DABNEY HOMES	12322 TRIPLE CREEK DRIVE DRIPPING SPRINGS TX 78620 **Track NO:** *433210*	WSW	0.83 / 4,361.03	238
65	TCEQ WELL LOGS	KIM & JEFF SESSIONS	TX **Grid No | Owners Name:** *57-48-9 | KIM & JEFF SESSIONS*	W	0.83 / 4,382.38	239
66	SDRW WELLS	ERIC & CASEY FRIESENHAHN	12209 TRIPLE CRK. CIRCLE DRIPPING SPRINGS TX 78620	W	0.83 / 4,397.60	242

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Page Number
			Track NO: *58765*			
67	TCEQ WELL LOGS	COUNTRY CUSTOM HOMES/SHELTON-OWNER	TX	W	0.87 / 4,590.00	243
			Grid No **|** ***Owners Name:*** *N/A* | *COUNTRY CUSTOM HOMES/SHELTON-OWNER*			
68	SDRW WELLS	Kevin Reed	12201 Triple Creek Circle Dripping Springs TX 78620 ***Track NO:*** *168157*	W	0.88 / 4,666.83	246
69	SDRW WELLS	JIM SHEPHARD	12208 TRIPLE CREEK DR DRIPPING SPRINGS TX 78620 ***Track NO:*** *93226*	W	0.90 / 4,775.12	247
70	SDRW WELLS	Jason Allen (Bujan-Hall)	11002 Bonham Ranch Rd. Austin TX 78736 ***Track NO:*** *265099*	NNW	0.91 / 4,818.77	248
71	SDRW WELLS	Richard Bowden	12460 Pauls Valley Rd. Austin TX 78737 ***Track NO:*** *439201*	SE	0.93 / 4,888.88	249
72	SDRW WELLS	Sarah & Spencer Whelan	128 Hudson Ln. Dripping Springs TX 78620 ***Track NO:*** *603499*	WNW	0.96 / 5,084.01	250
73	SDRW WELLS	Randy Metzger	10418 Crumley Ranch Road Austin TX 78738 ***Track NO:*** *261818*	N	0.97 / 5,147.51	251
74	TCEQ WELL LOGS	JERRY SWAN	TX	WNW	0.99 / 5,210.88	252
			Grid No **|** ***Owners Name:*** *57-48-9* | *JERRY SWAN*			
75	SDRW WELLS	Jack Dabney Homes	200 Hudson Lane Dripping Springs TX 78620 ***Track NO:*** *45601*	WNW	0.99 / 5,214.63	255
76	GWDB	Puryear Ranch Spring	TX	N	0.99 / 5,236.98	256
			State Well NO **|** ***Owner Name:*** *5748914* | *Puryear Ranch Spring*			



Map: 1.0 Mile Radius | Zoom Level: 3
Order Number: 23032000415
Address: Fitzhugh Rd, Austin, TX

ERIS

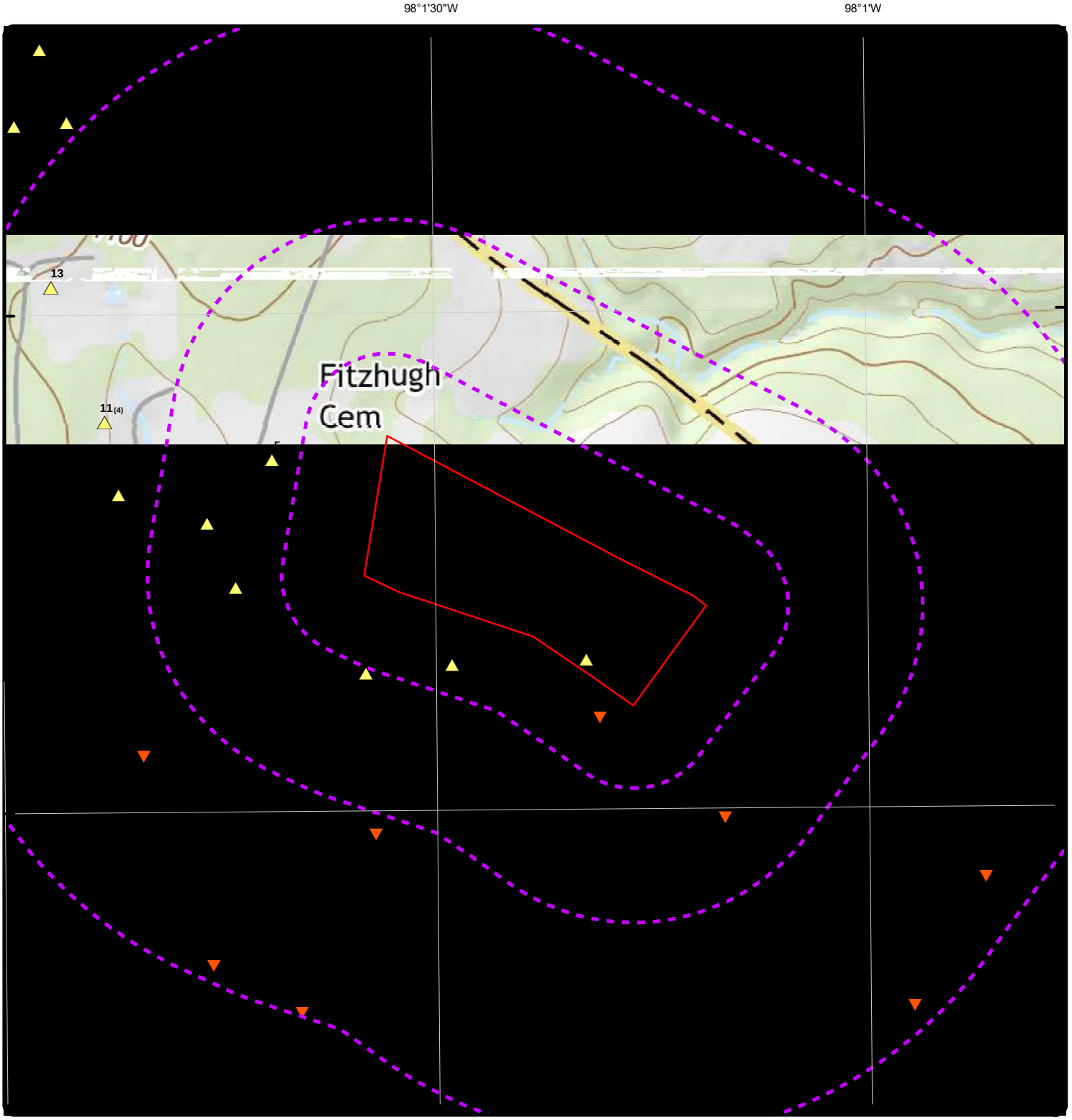
Plotted Water Wells

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Eris Areas with Higher Elevation
- Eris Areas with Same Elevation
- Eris Areas with Lower Elevation
- Eris Areas with Unknown Elevation

APP000130

Source: © US Geological Survey

© ERIS Information Inc.



Map: 1.0 Mile Radius | Zoom Level: 2
Order Number: 23032000415
Address: Fitzhugh Rd, Austin, TX

ERIS

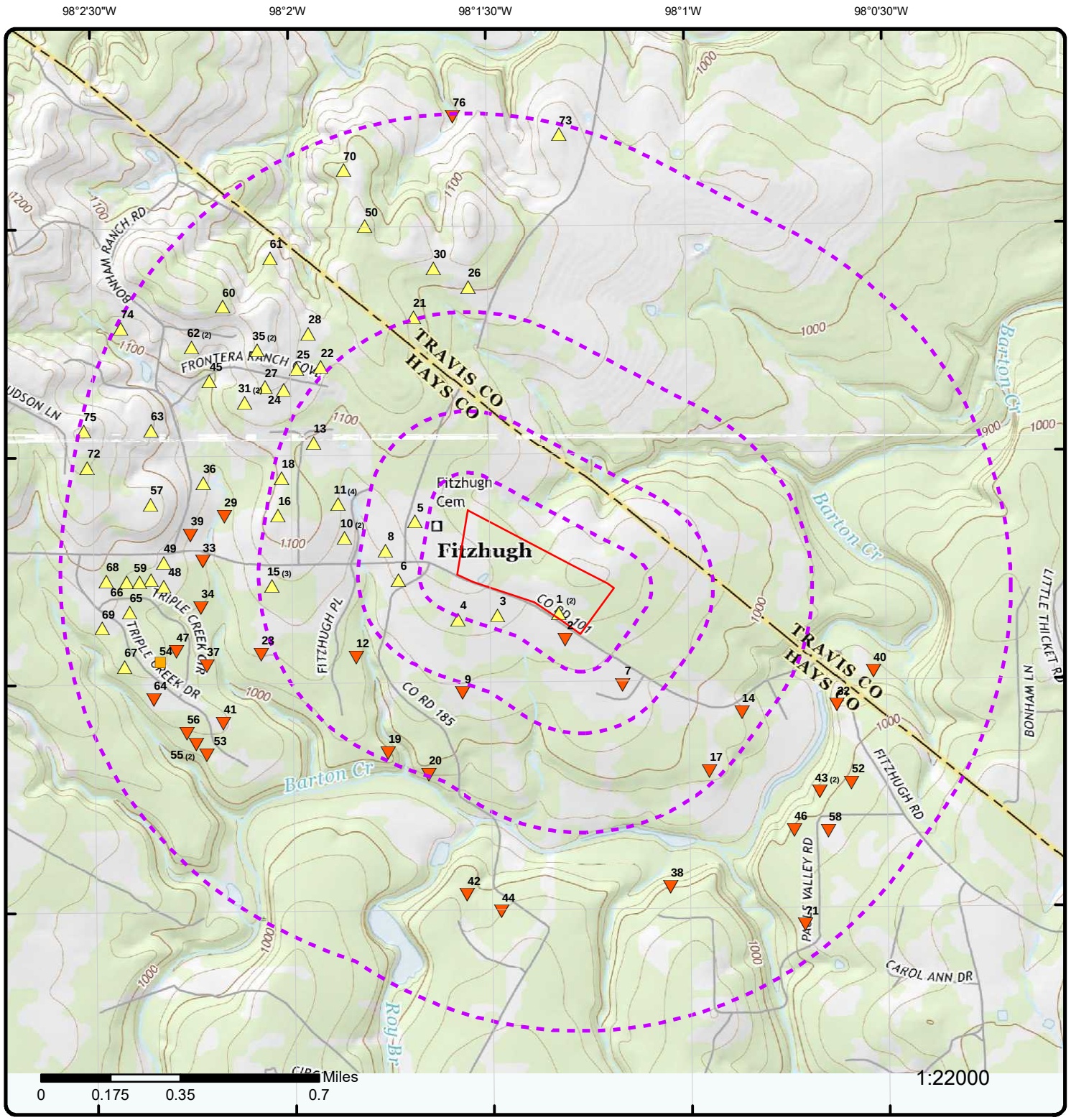
Plotted Water Wells

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Eris Areas with Higher Elevation
- Eris Areas with Same Elevation
- Eris Areas with Lower Elevation
- Eris Areas with Unknown Elevation

APP000131

Source: © US Geological Survey

© ERIS Information Inc.



Map: 1.0 Mile Radius | Zoom Level: 1
Order Number: 23032000415
Address: Fitzhugh Rd, Austin, TX

ERIS

Plotted Water Wells

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Eris Areas with Higher Elevation
- Eris Areas with Same Elevation
- Eris Areas with Lower Elevation
- Eris Areas with Unknown Elevation

APP000132

Source: © US Geological Survey

© ERIS Information Inc.



Aerial **Year: 2022**

Address: Fitzhugh Rd, Austin, TX

Source: ESRI World Imagery

Order Number: 23032000415

ERIS

© ERIS Information Inc.

APP000133

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
1	1 of 2	SE	0.00 / 0.00	TX	TCEQ WELL LOGS

Grid No: 57-56-3
Date Drilled: NOT REPORTED
Owners Name: DAKOTA SMITH
County: HAYS
Water Usage: NOT REPORTED
Static Level: NOT REPORTED
Depth Drilled: 300
Latitude: 30.24417199205801
Longitude: -98.02213198413241

STATE OF TEXAS PLUGGING REPORT for Tracking #211155

Owner:	**Dakota Smith**	Owner Well #:	**No Data**
Address:	**14820 Fitzhugh Road Austin, TX 78736**	Grid #:	**57-56-3**
Well Location:	**14820 Fitzhugh Road Austin, TX 78736**	Latitude:	**30° 14' 37.77" N**
		Longitude:	**098° 01' 20.11" W**
Well County:	**Hays**	Elevation:	**No Data**

Well Type: **Unknown**

Drilling Information

Company: **No Data** Date Drilled: **No Data**

Driller: **No Data** License Number: **No Data**

	Diameter (in.)	Top Depth (ft.)	Bottom Depth (ft.)
Borehole:	**6.25**	**0**	**300**

Plugging Information

Date Plugged: **8/19/2021** Plugger: **Frank Glass**

Plug Method: **Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet**

Casing Left in Well:

Dia (in.)	Top (ft.)	Bottom (ft.)
5	**1**	**20**

Plug(s) Placed in Well:

Top (ft.)	Bottom (ft.)	Description (number of sacks & material)
1	**300**	**30 cement, 15 Gel, 30 holeplug Bags/Sacks**

Certification Data: The driller certified that the driller plugged this well (or the well was plugged under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the reports(s) being returned for completion and resubmittal.

Company Information: **Associated Drilling Inc**
PO Box 673
Dripping Springs, TX 78620

Driller Name: **Frank Glass** License Number: **1313**

Comments: **more cement & gel & chips than required fractor.**

STATE OF TEXAS PLUGGING REPORT for Tracking #211155

Owner:	**Dakota Smith**	Owner Well #:	**No Data**
Address:	**14820 Fitzhugh Road Austin, TX 78736**	Grid #:	**57-56-3**
Well Location:	**14820 Fitzhugh Road Austin, TX 78736**	Latitude:	**30° 14' 37.77" N**
		Longitude:	**098° 01' 20.11" W**
Well County:	**Hays**	Elevation:	**No Data**

Well Type: **Unknown**

Drilling Information

Company: **No Data** Date Drilled: **No Data**

Driller: **No Data** License Number: **No Data**

	Diameter (in.)	Top Depth (ft.)	Bottom Depth (ft.)
Borehole:	**6.25**	**0**	**300**

Plugging Information

Date Plugged: **8/19/2021** Plugger: **Frank Glass**

Plug Method: **Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet**

Casing Left in Well:

Dia (in.)	Top (ft.)	Bottom (ft.)
5	**1**	**20**

Plug(s) Placed in Well:

Top (ft.)	Bottom (ft.)	Description (number of sacks & material)
1	**300**	**30 cement, 15 Gel, 30 holeplug Bags/Sacks**

Certification Data: The driller certified that the driller plugged this well (or the well was plugged under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the reports(s) being returned for completion and resubmittal.

Company Information: **Associated Drilling Inc**
PO Box 673
Dripping Springs, TX 78620

Driller Name: **Frank Glass** License Number: **1313**

Comments: **more cement & gel & chips than required fractor.**

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
1	2 of 2	SE	0.00 / 0.00	TX	TCEQ WELL LOGS

Grid No: 57-56-3
Date Drilled: NOT REPORTED
Owners Name: DAKOTA SMITH
County: HAYS
Water Usage: NOT REPORTED
Static Level: NOT REPORTED
Depth Drilled: 300
Latitude: 30.244174314288514
Longitude: -98.02212125529634

1.4mi S/NL
.9mi E/WL

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER _____ (Name) Address _____ (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL:
County _____ _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☐ See attached map.

3) TYPE OF WORK (Check):
☐ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☐ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☐ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled _____

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
	Surface	

From (ft.)	To (ft.)	Description and color of formation material

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen

CEMENTING DATA
Cemented from _____ ft. to _____ ft.
Method used _____
Cemented by _____ (Company or Individual)

9) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

RECEIVED
MAR 31 1986
TEXAS WATER COMMISSION

11) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☐ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME _____ (Type or Print) Water Well Driller's License No. _____

ADDRESS _____ (Street or RFD) (City) (State) (Zip)

(Signed) Danny L Nelson (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR Use Only
Well No. 59-56-3
Located on map _____

TDWR-0392 (Rev. 5-27-82)

WELL OWNER'S COPY

1.4mi S/NL
.9mi E/WL

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER _____ (Name) Address _____ (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL:
County _____ _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☐ See attached map.

3) TYPE OF WORK (Check):
☐ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☐ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☐ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Dia. (in.)	From (ft.)	To (ft.)
	Surface	

Date drilled _____

From (ft.)	To (ft.)	Description and color of formation material

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen

CEMENTING DATA
Cemented from _____ ft. to _____ ft.
Method used _____
Cemented by _____ (Company or Individual)

9) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

RECEIVED
MAR 31 1986
TEXAS WATER COMMISSION

11) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☐ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME _____ (Type or Print) Water Well Driller's License No. _____

ADDRESS _____ (Street or RFD) (City) (State) (Zip)

(Signed) Danny L Nelson (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR Use Only
Well No. 59-56-3
Located on map _____

TDWR-0392 (Rev. 5-27-82)

WELL OWNER'S COPY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
2	1 of 1	SSE	0.03 / 179.16	BUJAN-HALL CUSTOM HOMES 14735 Fitzhugh Road Dripping Springs TX 78620	SDRW WELLS

Track NO: 86113
Date Submitted: 2006-06-27
Owner Name: BUJAN-HALL CUSTOM HOMES
Owner Address: 10200 Highway 290 West
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78736
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.243056
Longitude: -98.021944
Drilling Date Started: 2006-04-06
Drilling Date Completed: 2006-04-06
Chemical Analysis: No
Company Name: Central Texas Drilling Inc.
Company Address: 500 Southland Drive
CompanyAddress2:
Company City: Burnet
Company State: TX
Company Zip: 78611
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=86113&Type=SDR-Well

Well Borehole Information

Top Depth: 0
Bottom Depth: 50

Top Depth: 50
Bottom Depth: 760

Top Depth:
Bottom Depth: 760.0

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
3	1 of 1	SW	0.06 / 317.80	Christi Bacot 15000 Fitzhigh Rd./HTGCD #889 Austin TX 78736	SDRW WELLS

Track NO: 265094
Date Submitted: 2011-09-09
Owner Name: Christi Bacot
Owner Address: 15000 Fitzhugh Rd.
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78736
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.244167
Longitude: -98.024722
Drilling Date Started: 2005-09-23
Drilling Date Completed: 2005-10-03
Chemical Analysis: No
Company Name: Whisenant & Lyle WSI
Company Address: PO Box 525
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=265094&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 720.0

Top Depth: 0
Bottom Depth: 720

Well Levels

Measurement: 480
Measurement Date: 2005-09-30

Well Strata

Water Type:

Good

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
4	1 of 1	WSW	0.10 / 535.89	Jason Neyland 15100 Fitzhugh Rd Austin TX 78736	SDRW WELLS

Track NO: 583793
Date Submitted: 2021-09-14
Owner Name: Jason Neyland
Owner Address: 15100 Fitzhugh Rd
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78736
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.244
Longitude: -98.026306
Drilling Date Started: 2021-07-15
Drilling Date Completed: 2021-07-16
Chemical Analysis: No
Company Name: Bee Cave Drilling, Inc.
Company Address: 185 Angel Fire Rd.
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=583793&Type=SDR-Well

Well Borehole Information

Top Depth: 50
Bottom Depth: 725

Top Depth:
Bottom Depth: 725.0

Top Depth: 0
Bottom Depth: 10

Top Depth: 10
Bottom Depth: 50

Well Levels

Measurement: 555
Measurement Date: 2021-07-21

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
5	1 of 1	WNW	0.13 / 670.16	FITZHUGH BAPTISH CHURCH 15245 FITZHUGH RD. AUSTIN TX 78736	SDRW WELLS

Track NO: 207762
Date Submitted: 2010-02-11
Owner Name: FITZHUGH BAPTISH CHURCH
Owner Address: 11607 CRUMLEY RANCH RD.
Owner Address2:
Owner City: AUSTIN
Owner State: TX
Owner Zip: 78738
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.245556
Longitude: -98.028611
Drilling Date Started: 2009-11-24
Drilling Date Completed: 2009-11-24
Chemical Analysis: No
Company Name: CENTRAL TEXAS DRILLING, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=207762&Type=SDR-Well

Well Borehole Information

Top Depth: 100
Bottom Depth: 750

Top Depth: 0
Bottom Depth: 100

Top Depth:
Bottom Depth: 750.0

Well Levels

Measurement:
Measurement Date: 2009-11-24

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
6	1 of 1	W	0.15 / 785.76	GEORGE LOGSDON 15309 FITZHUGH RD. DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 14843
Date Submitted: 2002-12-06
Owner Name: GEORGE LOGSDON
Owner Address: 15309 FITZHUGH RD.
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: Deepening
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.245278
Longitude: -98.029167
Drilling Date Started: 2002-11-20
Drilling Date Completed: 2002-11-20
Chemical Analysis: No
Company Name: BEE CAVE DRILLING, INC.
Company Address: 185 ANGELFIRE DR.
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=14843&Type=SDR-Well

Well Borehole Information

Top Depth: 540
Bottom Depth: 660

Top Depth:
Bottom Depth: 660.0

Well Levels

Measurement: 400
Measurement Date: 2002-11-20

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
7	1 of 1	SE	0.17 / 881.66	RICHARD BISCHOFF 14625 FITZHUGH AUSTIN TX 78737	SDRW WELLS

Track NO: 116093
Date Submitted: 2007-07-05
Owner Name: RICHARD BISCHOFF
Owner Address: 14625 FITZHUGH
Owner Address2:
Owner City: AUSTIN
Owner State: TX
Owner Zip: 78737
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.241667
Longitude: -98.019722
Drilling Date Started: 2007-04-05
Drilling Date Completed: 2007-04-05
Chemical Analysis: No
Company Name: CENTRAL TEXAS DRILLING, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=116093&Type=SDR-Well

Well Borehole Information

Top Depth: 50
Bottom Depth: 710

Top Depth:
Bottom Depth: 710.0

Top Depth: 0
Bottom Depth: 50

Well Levels

Measurement: 407.6
Measurement Date: 2007-04-05

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
8	1 of 1	W	0.19 / 995.20	Fitzhugh Corners POA 15310 Fitzhugh Rd. Dripping Springs TX 78620	SDRW WELLS

Track NO: 361609
Date Submitted: 2014-05-05
Owner Name: Fitzhugh Corners POA
Owner Address: 15400 Fitzhugh Rd.
Owner Address2:
Owner City: Dripping Springs
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.246667
Longitude: -98.029722
Drilling Date Started: 2014-03-13
Drilling Date Completed: 2014-03-14
Chemical Analysis: No
Company Name: Bee Cave Drilling, Inc.
Company Address: 185 Angel Fire Dr.
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=361609&Type=SDR-Well

Well Borehole Information

Top Depth: 10
Bottom Depth: 100

Top Depth:
Bottom Depth: 770.0

Top Depth: 0
Bottom Depth: 10

Top Depth: 100
Bottom Depth: 770

Well Levels

Measurement: 448
Measurement Date: 2014-03-14

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
9	1 of 1	SSW	0.27 / 1,448.98	Nick Burkhalter 12225 Trautwein Rd Austin TX 78620	SDRW WELLS

Track NO: 302878
Date Submitted: 2012-10-30
Owner Name: Nick Burkhalter
Owner Address: 13500 Nuttybrown Rd
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78737
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.241389
Longitude: -98.026111
Drilling Date Started: 2012-09-25
Drilling Date Completed: 2012-09-26
Chemical Analysis: No
Company Name: Bee Cave Drilling
Company Address: 185 Angelfire Dr
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=302878&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 780.0

Top Depth: 0
Bottom Depth: 10

Top Depth: 10
Bottom Depth: 780

Well Levels

Measurement: 491
Measurement Date: 2012-09-27

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
10	1 of 2	W	0.29 / 1,555.61	Fitzhugh Corners TX	GWDB

Well Rep Track No:	292983
State Well NO:	5756309
Owner Name:	Fitzhugh Corners
Drilling Start Dt:	
Drilling Month:	6
Drilling Day:	15
Drilling Year:	2012
Well Depth:	770
Well Usage:	Domestic
Water Level Status:	
Latitude:	30.2466670
Longitude:	-98.0319440
Data Source:	Groundwater Database (GWDB) Reports; GIS shapefile of GWDB well locations
Well Info Report:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetReports.aspx?Num=5756309&Type=GWDB
Document Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetScannedImage.aspx?Num=5756309&Cnty=Hays

Fitzhugh Corners

11924 Fitzhugh Corners, Dripping Springs, Hays Co.

Received from Hays Trinity GCD on 8/7/2013

Date Drilled: 06/15/2012 **Drilling Co.** Bee Cave Drilling

State Well Rpt # 292983 **Grid#:** 57-56-3

Lat: -98.031940 **Long:** 30.246670 **Elev:** 1098 (Google Earth)

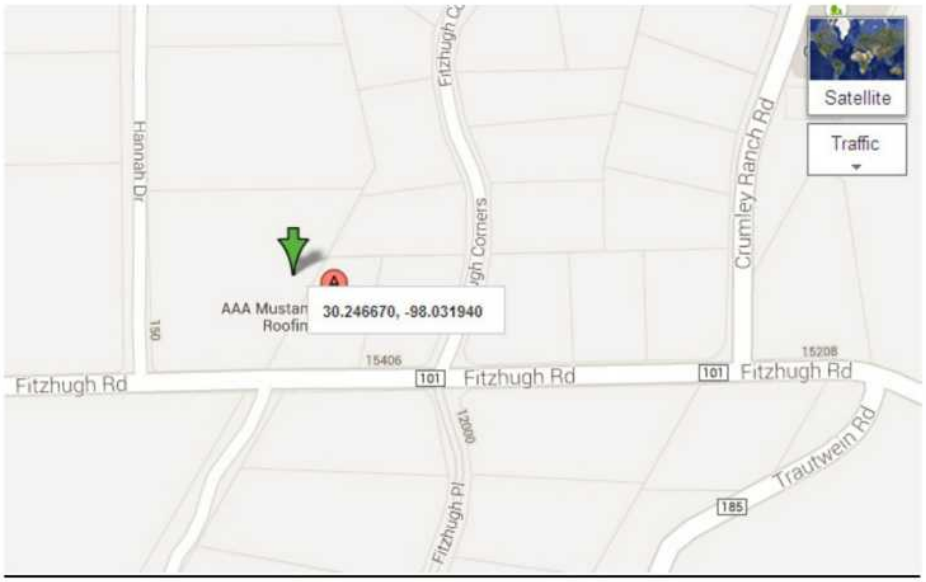
Well ID: 1389 **Reg. #:** 2063 **Use:** Domestic

Well Depth: 770 **Static W/L:** 533 **Pump Depth:** 620

Measure Point: 1.83 **Monitor Type:** Transducer/Eline

Notes:

Level Troll 300, installed 01/24/2013. Cable length=600



57-56-309

Fitzhugh Corners

11924 Fitzhugh Corners, Dripping Springs, Hays Co.

Received from Hays Trinity GCD on 8/7/2013

Date Drilled: 06/15/2012 **Drilling Co.** Bee Cave Drilling

State Well Rpt # 292983 **Grid#:** 57-56-3

Lat: -98.031940 **Long:** 30.246670 **Elev:** 1098 (Google Earth)

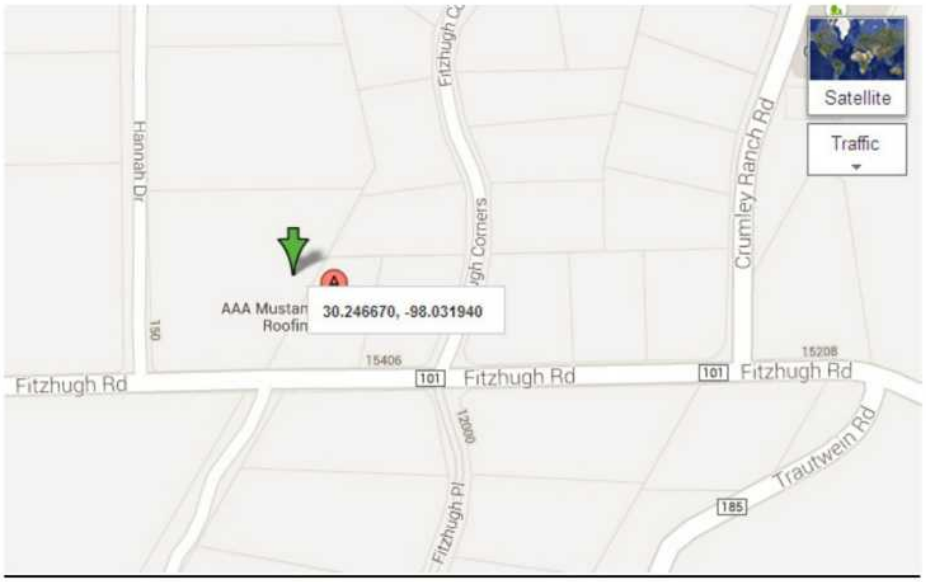
Well ID: 1389 **Reg. #:** 2063 **Use:** Domestic

Well Depth: 770 **Static W/L:** 533 **Pump Depth:** 620

Measure Point: 1.83 **Monitor Type:** Transducer/Eline

Notes:

Level Troll 300, installed 01/24/2013. Cable length=600



57-56-309

STATE OF TEXAS WELL REPORT for Tracking #292983

Owner:	**Fitzhugh Corners P.O.A**	Owner Well #:	**2**
Address:	**15400 Fitzhugh Rd Dripping Springs , TX 78620**	Grid #:	**57-56-3**
Well Location:	**11931 Fitzhugh Rd Dripping Springs , TX 78620**	Latitude:	**30° 14' 48" N**
Well County:	**Hays**	Longitude:	**098° 01' 55" W**
Elevation:	**1098 ft.**	GPS Brand Used:	**Google Earth**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Date:	Started: **6/15/2012** Completed: **6/15/2012**
Diameter of Hole:	Diameter: **10 in From Surface To 10 ft** Diameter: **8 in From 10 ft To 100 ft** Diameter: **6.75 in From 100 ft To 770 ft**
Drilling Method:	**Air Hammer**
Borehole Completion:	**Open Hole**
Annular Seal Data:	1st Interval: **From 2 ft to 100 ft with 9 (#sacks and material)** 2nd Interval: **No Data** 3rd Interval: **No Data** Method Used: **Pressure** Cemented By: **Jason Perry** Distance to Septic Field or other Concentrated Contamination: **No Data** Distance to Property Line: **No Data** Method of Verification: **No Data** Approved by Variance: **No Data**
Surface Completion:	**Pitless Adapter Used**
Water Level:	Static level: **533 ft. below land surface on 7/20/2012** Artesian flow: **No Data**
Packers:	**Neoprene shale trap 100** **Neoprene shale trap 610 / 615** **Neoprene shale trap 715** **Neoprene shale trap 725 / 720**
Plugging Info:	Casing or Cement/Bentonite left in well: **No Data**
Type Of Pump:	**Submersible** Depth to pump bowl: **620 ft**
Well Tests:	**Estimated** Yield: **40 GPM with (No Data) ft drawdown after (No Data) hours**
Water Quality:	Type of Water: **Trinity** Depth of Strata: **725 ft.** Chemical Analysis Made: **No**

STATE OF TEXAS WELL REPORT for Tracking #292983

Owner:	**Fitzhugh Corners P.O.A**	Owner Well #:	**2**
Address:	**15400 Fitzhugh Rd Dripping Springs , TX 78620**	Grid #:	**57-56-3**
Well Location:	**11931 Fitzhugh Rd Dripping Springs , TX 78620**	Latitude:	**30° 14' 48" N**
Well County:	**Hays**	Longitude:	**098° 01' 55" W**
Elevation:	**1098 ft.**	GPS Brand Used:	**Google Earth**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Date:	Started: **6/15/2012** Completed: **6/15/2012**
Diameter of Hole:	Diameter: **10 in From Surface To 10 ft** Diameter: **8 in From 10 ft To 100 ft** Diameter: **6.75 in From 100 ft To 770 ft**
Drilling Method:	**Air Hammer**
Borehole Completion:	**Open Hole**
Annular Seal Data:	1st Interval: **From 2 ft to 100 ft with 9 (#sacks and material)** 2nd Interval: **No Data** 3rd Interval: **No Data** Method Used: **Pressure** Cemented By: **Jason Perry** Distance to Septic Field or other Concentrated Contamination: **No Data** Distance to Property Line: **No Data** Method of Verification: **No Data** Approved by Variance: **No Data**
Surface Completion:	**Pitless Adapter Used**
Water Level:	Static level: **533 ft. below land surface on 7/20/2012** Artesian flow: **No Data**
Packers:	**Neoprene shale trap 100** **Neoprene shale trap 610 / 615** **Neoprene shale trap 715** **Neoprene shale trap 725 / 720**
Plugging Info:	Casing or Cement/Bentonite left in well: **No Data**
Type Of Pump:	**Submersible** Depth to pump bowl: **620 ft**
Well Tests:	**Estimated** Yield: **40 GPM with (No Data) ft drawdown after (No Data) hours**
Water Quality:	Type of Water: **Trinity** Depth of Strata: **725 ft.** Chemical Analysis Made: **No**

	Did the driller knowingly penetrate any strata which contained undesirable constituents: **No**
Certification Data:	The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the log(s) being returned for completion and resubmittal.
Company Information:	**Bee Cave Drilling** **185 Angel Fire Dr** **Dripping Springs , TX 78620**
Driller License Number:	**54416**
Licensed Well Driller Signature:	**Jim Blair**
Registered Driller Apprentice Signature:	**Steve Stewart**
Apprentice Registration Number:	**11049501**
Comments:	**Assigned SWN 57-56-309 by TWDB on 8/7/2013.**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking number (Tracking #**292983**) on your written request.

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
(512) 463-7880

DESC. & COLOR OF FORMATION MATERIAL

From (ft) To (ft) Description
0 4 Top soil
4 8 White limestone
8 15 Grey limestone
15 20 Tan caliche
20 89 Grey limestone
89 95 Tan limestone
95 110 Grey limestone
110 120 White limeston
120 190 Grey limestone
190 193 Grey shale
193 215 Grey limestone
215 270 Grey shale
270 280 Grey limestone
280 340 Tan limestone
340 440 Grey limestone
440 510 Grey / tan limestone - 5 gpm
510 550 Grey shale
550 570 red / grey clay
570 595 Grey limestone

CASING, BLANK PIPE & WELL SCREEN DATA

Dia. New/Used Type Setting From/To
4 1/2 New Plastic +1 / 730 sdr 17
4 1/2 New Plastic, perf 1/2 730 / 770 sdr 17

	Did the driller knowingly penetrate any strata which contained undesirable constituents: **No**
Certification Data:	The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the log(s) being returned for completion and resubmittal.
Company Information:	**Bee Cave Drilling** **185 Angel Fire Dr** **Dripping Springs , TX 78620**
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Comments:	**Assigned SWN 57-56-309 by TWDB on 8/7/2013.**

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Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
(512) 463-7880

DESC. & COLOR OF FORMATION MATERIAL

From (ft) To (ft) Description
0 4 Top soil
4 8 White limestone
8 15 Grey limestone
15 20 Tan caliche
20 89 Grey limestone
89 95 Tan limestone
95 110 Grey limestone
110 120 White limeston
120 190 Grey limestone
190 193 Grey shale
193 215 Grey limestone
215 270 Grey shale
270 280 Grey limestone
280 340 Tan limestone
340 440 Grey limestone
440 510 Grey / tan limestone - 5 gpm
510 550 Grey shale
550 570 red / grey clay
570 595 Grey limestone

CASING, BLANK PIPE & WELL SCREEN DATA

Dia. New/Used Type Setting From/To
4 1/2 New Plastic +1 / 730 sdr 17
4 1/2 New Plastic, perf 1/2 730 / 770 sdr 17

595 605 Grey / brown shale
605 610 Grey / brown limestone
610 670 Grey / brown shale
670 710 Red sandstone with grey shale - 30 gpm, 1500 tds
710 715 Red / pink sandstone
715 725 Red sandstone with shale
725 770 Red / pink sandstone mix - 15 gpm, 1200 tds

595 605 Grey / brown shale
605 610 Grey / brown limestone
610 670 Grey / brown shale
670 710 Red sandstone with grey shale - 30 gpm, 1500 tds
710 715 Red / pink sandstone
715 725 Red sandstone with shale
725 770 Red / pink sandstone mix - 15 gpm, 1200 tds

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
10	2 of 2	W	0.29 / 1,555.61	Fitzhugh Corners P.O.A 11931 Fitzhugh Rd Dripping Springs TX 78620	SDRW WELLS

Track NO: 292983
Date Submitted: 2012-07-20
Owner Name: Fitzhugh Corners P.O.A
Owner Address: 15400 Fitzhugh Rd
Owner Address2:
Owner City: Dripping Springs
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.246667
Longitude: -98.031944
Drilling Date Started: 2012-06-15
Drilling Date Completed: 2012-06-15
Chemical Analysis: No
Company Name: Bee Cave Drilling
Company Address: 185 Angel Fire Dr
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=292983&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 770.0

Top Depth: 100
Bottom Depth: 770

Top Depth: 0
Bottom Depth: 10

Top Depth: 10
Bottom Depth: 100

Well Levels

Measurement: 533
Measurement Date: 2012-07-20

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
11	1 of 4	WNW	0.32 / 1,713.05	FITZHUGH CORNERS TX	TCEQ WELL LOGS

Grid No:	57-48-9
Date Drilled:	07/27/1986
Owners Name:	FITZHUGH CORNERS
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	235
Depth Drilled:	500
Latitude:	30.248219
Longitude:	-98.031358

Well #7 .1mi NISL .2mi EIW

Please use black ink.
Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Fitzhugh Corners (Peerman) (Name) Address P. O. Box 23039, Austin, TX 78735 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Hays 7 miles in NE (N.E., S.W., etc.) direction from Dripping springs, TX (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☒ See attached map. Mason 58-57-5

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☐ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 7-27-86

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6"	Surface	500'

From (ft.)	To (ft.)	Description and color of formation material
0	4	Caliche
4	12	Yellow Rock
12	40	Blue Gray Lime
40	80	Cray Lime
80	90	Dk. Gray Shale
90	110	Gray Lime
110	155	Lt. Gray Lime
155	170	Dk. Gray Lime
170	210	Gray Lime
210	260	Lt. Gray Lime
260	300	Gray Rock
300	370	Lt. Gray Rock
370	400	Gray Rock
400	430	Lt. Gray Rock
430	435	Broken Gray Rock (6-8) Some Water
435	470	Lt. Gray Rock
470	485	Broken Gray Rock (20-25) Water Bearing
485	500	Hard Gray Rock
		25-30 G.P.M.

RECEIVED
SEP 26 1986
TEXAS WATER COMMISSION

(Use reverse side if necessary)

7) BOREHOLE COMPLETION:
☐ Open Hole ☒ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4½	N	PVC Sch 40 Plastic	0	500	

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 40 ft.
_____ ft. to _____ ft.
Method used Pour
Cemented by Raymond Whisenant & Son, Inc.

10) SURFACE COMPLETION
☒ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 235 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS:

	Type	Depth
(1)	Plastic	420'
(2)	Plastic	40'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 25-30 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Raymond Whisenant & Son, Inc. (Type or Print) Water Well Driller's License No. 454

ADDRESS P. O. Box 425, Dripping Springs, TX 78620 (Street or RFD) (City) (State) (Zip)

(Signed) Raymond A. Whisenant (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 57-48-9
Located on map _____

DEPARTMENT OF WATER RESOURCES COPY

TDWR-0392 (12/29/83)

Well #1 .1mi. NISL .2mi. EIW

Please use black ink.
Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Fitzhugh Corners (Peerman) (Name) Address P. O. Box 23039, Austin, TX 78735 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Hays 7 miles in NE (N.E., S.W., etc.) direction from Dripping springs, TX (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☒ See attached map. Mason 58-57-5

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☐ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 7-27-86

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6"	Surface	500'

From (ft.)	To (ft.)	Description and color of formation material
0	4	Caliche
4	12	Yellow Rock
12	40	Blue Gray Lime
40	80	Cray Lime
80	90	Dk. Gray Shale
90	110	Gray Lime
110	155	Lt. Gray Lime
155	170	Dk. Gray Lime
170	210	Gray Lime
210	260	Lt. Gray Lime
260	300	Gray Rock
300	370	Lt. Gray Rock
370	400	Gray Rock
400	430	Lt. Gray Rock
430	435	Broken Gray Rock (6-8) Some Water
435	470	Lt. Gray Rock
470	485	Broken Gray Rock (20-25) Water Bearing
485	500	Hard Gray Rock
		25-30 G.P.M.

RECEIVED
SEP 26 1986
TEXAS WATER COMMISSION

(Use reverse side if necessary)

7) BOREHOLE COMPLETION:
☐ Open Hole ☒ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4½	N	PVC Sch 40 Plastic	0	500	

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 40 ft.
_____ ft. to _____ ft.
Method used Pour
Cemented by Raymond Whisenant & Son, Inc.

10) SURFACE COMPLETION
☒ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 235 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS:

	Type	Depth
(1)	Plastic	420'
(2)	Plastic	40'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 25-30 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Raymond Whisenant & Son, Inc. (Type or Print) Water Well Driller's License No. 454

ADDRESS P. O. Box 425, Dripping Springs, TX 78620 (Street or RFD) (City) (State) (Zip)

(Signed) Raymond A. Whisenant (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 57-48-9
Located on map _____

DEPARTMENT OF WATER RESOURCES COPY

TDWR-0392 (12/29/83)

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
11	2 of 4	WNW	0.32 / 1,713.05	FITZHUGH CORNERS TX	TCEQ WELL LOGS

Grid No:	57-48-9
Date Drilled:	06/03/1986
Owners Name:	FITZHUGH CORNERS
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	NOT REPORTED
Depth Drilled:	520
Latitude:	30.248219
Longitude:	-98.031358

Well

1m: NISH
2m: E WL

Please use black ink.
Send original copy by certified mail to the Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Fitzhugh Corners (Peerman) (Name) Address P. O. Box 23039, Austin, TX 78735 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Hays 7 miles in NE (N.E., S.W., etc.) direction from Dripping Springs, TX (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☒ See attached map. Mason 58-57-5

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☐ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 6-3-86

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6"	Surface	560'

7) BOREHOLE COMPLETION:
☐ Open Hole ☒ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	4	Caliche
4	6	Yellow Rock
6	12	Blue Gray Lime
12	25	Yellow Rock
25	60	Gray Lime
60	140	Lt. Gray Lime
140	180	Gray Lime
180	200	Dk. Gray Lime
200	255	Soft Lt. Gray Lime
255	305	Gray Lime
305	315	Dk. Gray Shale
315	340	Gray Rock
340	385	Lt. Gray Rock
385	400	White Rock
400	450	Gray Rock
450	460	Broken Gray Rock (12-14) Water Bearing
460	510	Dk. Gray Rock
510	560	Dk. Gray Mud & Shale

12-14 GPM

RECEIVED
SEP 26 1986
TEXAS WATER COMMISSION

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4½	N	PVC Sch 40 Plastic	0	560	

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 30 ft.
_____ ft. to _____ ft.
Method used Pour
Cemented by Raymond Whisenant & Son, Inc.

10) SURFACE COMPLETION
☒ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS:

	Type	Depth
(1)	Plastic	540-520
(2)	Plastic	440'
(3)	Plastic	30'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 12-14 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Raymond Whisenant & Son, Inc. Water Well Driller's License No. 454
ADDRESS P. O. Box 425 Dripping Springs, TX 78620 (Street or RFD) (City) (State) (Zip)

(Signed) Raymond O. Whisenant (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 57-48-9
Located on map _____

DEPARTMENT OF WATER RESOURCES COPY

TDWR-0392 (12/29/83)

Well

1m: NISH
2m: E WL

Please use black ink.
Send original copy by certified mail to the Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Fitzhugh Corners (Peerman) (Name) Address P. O. Box 23039, Austin, TX 78735 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Hays 7 miles in NE (N.E., S.W., etc.) direction from Dripping Springs, TX (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☒ See attached map. Mason 58-57-5

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☐ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 6-3-86

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6"	Surface	560'

7) BOREHOLE COMPLETION:
☐ Open Hole ☒ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	4	Caliche
4	6	Yellow Rock
6	12	Blue Gray Lime
12	25	Yellow Rock
25	60	Gray Lime
60	140	Lt. Gray Lime
140	180	Gray Lime
180	200	Dk. Gray Lime
200	255	Soft Lt. Gray Lime
255	305	Gray Lime
305	315	Dk. Gray Shale
315	340	Gray Rock
340	385	Lt. Gray Rock
385	400	White Rock
400	450	Gray Rock
450	460	Broken Gray Rock (12-14) Water Bearing
460	510	Dk. Gray Rock
510	560	Dk. Gray Mud & Shale

12-14 GPM

RECEIVED
SEP 26 1986
TEXAS WATER COMMISSION

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4½	N	PVC Sch 40 Plastic	0	560	

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 30 ft.
_____ ft. to _____ ft.
Method used Pour
Cemented by Raymond Whisenant & Son, Inc.

10) SURFACE COMPLETION
☒ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS:

	Type	Depth
(1)	Plastic	540-520
(2)	Plastic	440'
(3)	Plastic	30'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 12-14 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Raymond Whisenant & Son, Inc. Water Well Driller's License No. 454
ADDRESS P. O. Box 425 Dripping Springs, TX 78620 (Street or RFD) (City) (State) (Zip)

(Signed) Raymond O. Whisenant (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 57-48-9
Located on map _____

DEPARTMENT OF WATER RESOURCES COPY

TDWR-0392 (12/29/83)

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
11	3 of 4	WNW	0.32 / 1,713.05	FITZHUGH CORNERS TX	TCEQ WELL LOGS

Grid No:	57-48-9
Date Drilled:	06/03/1986
Owners Name:	FITZHUGH CORNERS
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	NOT REPORTED
Depth Drilled:	560
Latitude:	30.248219
Longitude:	-98.031358

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
11	4 of 4	WNW	0.32 / 1,713.05	FITZHUGH CORNERS 11914 FITZHUGH CORNERS DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 386316
Date Submitted: 2015-01-22
Owner Name: FITZHUGH CORNERS
Owner Address: 411 STIRRUP DRIVE
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.247778
Longitude: -98.031111
Drilling Date Started: 2014-12-08
Drilling Date Completed: 2014-12-08
Chemical Analysis: No
Company Name: CENTEX PUMP & SUPPLY, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=386316&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 750.0

Top Depth: 100
Bottom Depth: 750

Top Depth: 0
Bottom Depth: 100

Well Levels

Measurement: 521.6
Measurement Date: 2014-12-08

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
12	1 of 1	WSW	0.33 / 1,738.19	Tim Jennings 12101 Fitzhugh Place Dripping Springs TX 78620	SDRW WELLS

Track NO: 266992
Date Submitted: 2011-09-28
Owner Name: Tim Jennings
Owner Address: 12101 Fitzhugh Place
Owner Address2:
Owner City: Dripping Springs
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.2425
Longitude: -98.031111
Drilling Date Started: 2011-08-29
Drilling Date Completed: 2011-09-02
Chemical Analysis: No
Company Name: Geoprojects International, Inc.
Company Address: 8834 Circle Drive
CompanyAddress2:
Company City: Austin
Company State: TX
Company Zip: 78736
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=266992&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 755.0

Top Depth: 0
Bottom Depth: 755

Well Levels

Measurement: 595
Measurement Date: 2011-09-06

Well Strata

Water Type:

Fresh

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
13	1 of 1	WNW	0.42 / 2,239.59	Mike McDonald 460 Hannah Drive Dripping Springs TX 78620	SDRW WELLS

Track NO: 519169
Date Submitted: 2019-08-21
Owner Name: Mike McDonald
Owner Address: 104 Hudson Ln
Owner Address2:
Owner City: Dripping Springs
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.250483
Longitude: -98.0325
Drilling Date Started: 2019-06-27
Drilling Date Completed: 2019-06-27
Chemical Analysis: No
Company Name: Associated Drilling, Inc
Company Address: P O Box 673
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=519169&Type=SDR-Well

Well Borehole Information

Top Depth: 0
Bottom Depth: 50

Top Depth:
Bottom Depth: 870.0

Top Depth: 50
Bottom Depth: 870

Well Levels

Measurement: 530
Measurement Date: 2019-06-27

Well Strata

Water Type:

hosston

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
14	1 of 1	ESE	0.45 / 2,349.88	Joe Terry 14101 Fitzhugh Rd. Austin TX 78737	SDRW WELLS

Track NO: 299203
Date Submitted: 2012-09-19
Owner Name: Joe Terry
Owner Address: 14101 Fitzhugh Rd.
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78737
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.240556
Longitude: -98.014445
Drilling Date Started: 2012-07-25
Drilling Date Completed: 2012-07-25
Chemical Analysis: No
Company Name: Associated Drilling Inc.
Company Address: 12928 Lowden Ln.
CompanyAddress2:
Company City: Manchaca
Company State: TX
Company Zip: 78652
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=299203&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 702.0

Top Depth: 50
Bottom Depth: 702

Top Depth: 0
Bottom Depth: 50

Well Levels

Measurement: 364
Measurement Date: 2012-07-25

Well Strata

Water Type:

trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
15	1 of 3	W	0.47 / 2,466.32	GLEN SARGENT TX	TCEQ WELL LOGS

Grid No:	57-48-9
Date Drilled:	11/01/1992
Owners Name:	GLEN SARGENT
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	NOT REPORTED
Depth Drilled:	730
Latitude:	30.245369
Longitude:	-98.034473

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER SARGENT, GLEN (Name) ADDRESS _____ (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL:
County HAYS 12 _____ miles in NW (NE, SW, etc.) direction from OAK HILL (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ SEE ATTACHED MAP 57-48-9

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check):
☐ Driven ☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 11/1/92 19__ Completed _____ 19__

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
9"	Surface	20'
6"	20'	730'

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0-1		TOP SOIL
1-10		CALICHE
10-75		BLUE LIME
75-345		GREY LIME
345-370		WHITE LIME
370-460		GREY & BROWN w/ STRIPS SOAPSTW
460-520		BROWN water 3-4gpm
520-565		HAMMID
565-625		GREY LIME
625-730		TRINITY

(Use reverse side if necessary)

RECEIVED JAN 15 1993 TEXAS WATER COMMISSION

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
6"	N	PVC PALSTIC	+2	18	SCH40
			0	730	SDR17

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 18 ft. No. of Sacks Used 3
_____ ft. to _____ ft. No. of Sacks Used _____
Method used SLURRY
Cemented by C.T.D.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☒ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type PVC & BURLAP Depth 18, 620 & 640

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 560' ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Baller ☒ Jetted ☒ Estimated
Yield: 30' gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 40
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. 1313

ADDRESS 2300 S. RR 12 DRIPPINGS PRINGS, TX. 78620 (Street or RFD) (City) (State) (Zip)

(Signed) _____ (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. _____ Located on map 57-48-9

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER SARGENT, GLEN (Name) ADDRESS _____ (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL:
County HAYS 12 _____ miles in NW (NE, SW, etc.) direction from OAK HILL (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ SEE ATTACHED MAP 57-48-9

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check):
☐ Driven ☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 11/1/92 19__ Completed _____ 19__

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
9"	Surface	20'
6"	20'	730'

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0-1		TOP SOIL
1-10		CALICHE
10-75		BLUE LIME
75-345		GREY LIME
345-370		WHITE LIME
370-460		GREY & BROWN w/ STRIPS SOAPSTN
460-520		BROWN water 3-4gpm
520-565		HAMMID
565-625		GREY LIME
625-730		TRINITY

(Use reverse side if necessary)

RECEIVED JAN 15 1993 TEXAS WATER COMMISSION

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
6"	N	PVC PALSTIC	+2	18	SCH40
			0	730	SDR17

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 18 ft. No. of Sacks Used 3
_____ ft. to _____ ft. No. of Sacks Used _____
Method used SLURRY
Cemented by C.T.D.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☒ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type PVC & BURLAP Depth 18, 620 & 640

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 560' ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Baller ☒ Jetted ☒ Estimated
Yield: 30' gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 40
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. 1313

ADDRESS 2300 S. RR 12 DRIPPINGS PRINGS, TX. 78620 (Street or RFD) (City) (State) (Zip)

(Signed) _____ (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. _____ Located on map 57-48-9

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
15	2 of 3	W	0.47 / 2,466.32	GLEN SARGENT TX	TCEQ WELL LOGS

Grid No:	57-48-9
Date Drilled:	11/05/1992
Owners Name:	GLEN SARGENT
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	NOT REPORTED
Depth Drilled:	485
Latitude:	30.245369
Longitude:	-98.034473

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER SARGENT, GLEN (Name) ADDRESS _____ (Street or RFD) _____ (City) _____ (State) _____ (Zip)

2) LOCATION OF WELL: County HAYS . 12 miles in NW (NE, SW, etc.) direction from OAK HILL (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ SEE ATTACHED MAP 57-48-9

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check):
☐ Driven ☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 11/5/92 19__ Completed _____ 19__

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
9	Surface	18
6	18	485

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0-1		TOP SOIL
1-11		CALICHE
11-32		BLUE LIME
32-190		GREY LIME
190-200		WHITE LIME
200-240		DARK GREY LIME
240-245		TAN LIME
245-350		GREY LIME
350-485		SOFT WHITE LIME
water @ 420-460 12-15gpm		

(Use reverse side if necessary)

RECEIVED JAN 05 1993 TEXAS WATER COMMISSION

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
6"	N	PVC PLSATIC	0	20	SCH40

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 20 ft. No. of Sacks Used 3
_____ ft. to _____ ft. No. of Sacks Used _____
Method used SLURRY
Cemented by C.T.D.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☒ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type PVC & BURLAP Depth 18'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Reciprocating
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: 12-15 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? GLEN ROSE Depth of strata 40'
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. 1313

ADDRESS 2300 S. RR 12 (Street or RFD) DRIPPING SPRINGS, TX (City) 78620 (State) (Zip)

(Signed) _____ (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. _____ Located on map 57-48-9

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER SARGENT, GLEN (Name) ADDRESS _____ (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County HAYS . 12 miles in NW (NE, SW, etc.) direction from OAK HILL (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ SEE ATTACHED MAP 57-48-9

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check):
☐ Driven ☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 11/5/92 19__ Completed _____ 19__

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
9	Surface	18
6	18	485

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	11	CALICHE
11	32	BLUE LIME
32	190	GREY LIME
190	200	WHITE LIME
200	240	DARK GREY LIME
240	245	TAN LIME
245	350	GREY LIME
350	485	SOFT WHITE LIME
water @ 420-460 12-15gpm		

(Use reverse side if necessary)

RECEIVED JAN 05 1993 TEXAS WATER COMMISSION

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
6"	N	PVC PLSATIC	0	20	SCH40

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 20 ft. No. of Sacks Used 3
_____ ft. to _____ ft. No. of Sacks Used _____
Method used SLURRY
Cemented by C.T.D.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☒ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type PVC & BURLAP Depth 18'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Reciprocating
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: 12-15 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? GLEN ROSE Depth of strata 40'
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. 1313

ADDRESS 2300 S. RR 12 (Street or RFD) DRIPPING SPRINGS, TX (City) 78620 (State) (Zip)

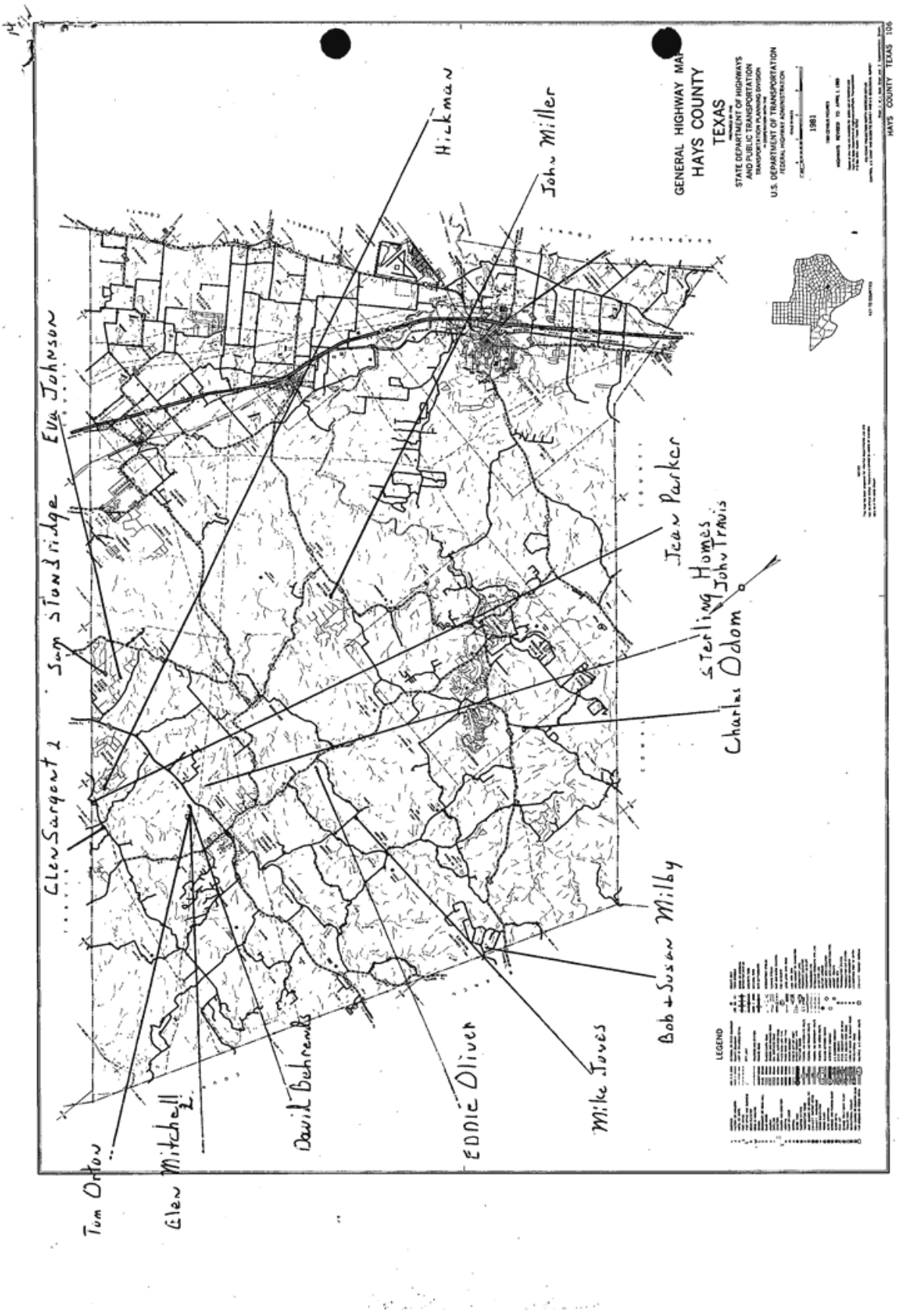
(Signed) _____ (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

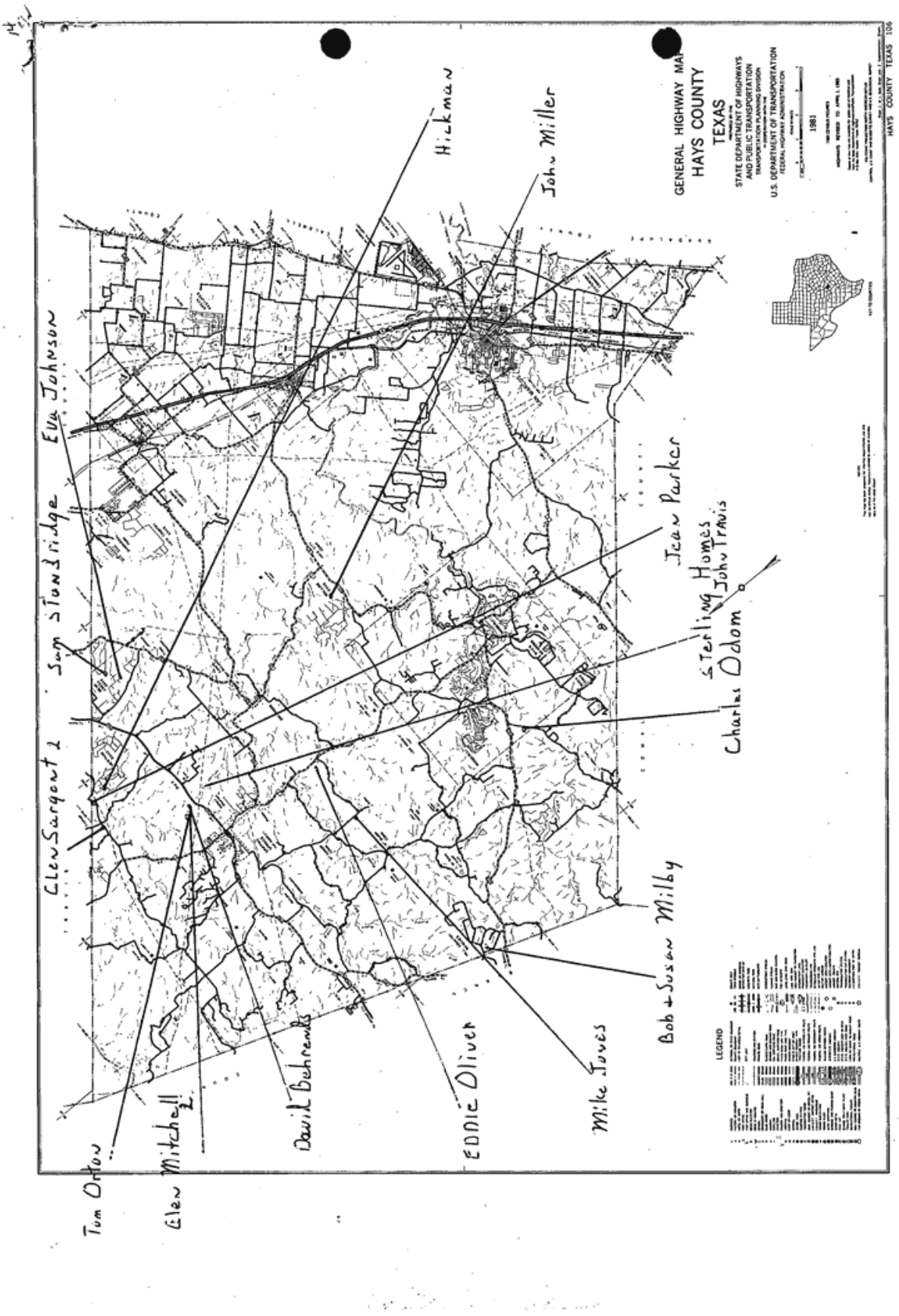
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. _____ Located on map 57-48-9

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY


GENERAL HIGHWAY MAP
HAYS COUNTY
TEXAS
STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION
U.S. DEPARTMENT OF TRANSPORTATION
1981
HAYS COUNTY TEXAS 106
LEGEND
Hickman
John Miller
Eva Johnson
Sam Standridge
Glen Sargent 2
Jean Parker
Sterling Homes
John Travis
Charles Odom
Bob + Susan Milby
Mike Toves
EDDIE Oliver
David Behrends
Glen Mitchell 2
Tom Orton


GENERAL HIGHWAY MAP
HAYS COUNTY
TEXAS
STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION
U.S. DEPARTMENT OF TRANSPORTATION
1981
HAYS COUNTY TEXAS 106
LEGEND
Hickman
John Miller
Eva Johnson
Sam Standridge
Glen Sargent
Jean Parker
Sterling Homes
John Travis
Charles Odom
Bob + Susan Milby
Mike Jones
EDDIE Oliver
David Behrends
Glen Mitchell
Tom Orton

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
15	3 of 3	W	0.47 / 2,466.32	DUBB SMITH 15435 FITZHUGH RD. DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 483466
Date Submitted: 2018-07-02
Owner Name: DUBB SMITH
Owner Address: 4161 EAST U.S. HWY. 290
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.2457
Longitude: -98.033667
Drilling Date Started: 2018-06-05
Drilling Date Completed: 2018-06-05
Chemical Analysis: No
Company Name: Centex Pump & Supply, Inc.
Company Address: 2520 Hwy. 290 West
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=483466&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 830.0

Top Depth: 100
Bottom Depth: 830

Top Depth: 0
Bottom Depth: 100

Well Levels

Measurement: 563
Measurement Date: 2018-06-20

Well Strata

Water Type:

LOWER TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
16	1 of 1	WNW	0.47 / 2,479.30	GREG JUNG 213 HANNAH DRIVE DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 54955
Date Submitted: 2005-03-16
Owner Name: GREG JUNG
Owner Address: P. O. BOX 1677
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.241945
Longitude: -98.033889
Drilling Date Started: 2005-01-18
Drilling Date Completed: 2005-01-18
Chemical Analysis: No
Company Name: CENTRAL TEXAS DRILLING, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=54955&Type=SDR-Well

Well Borehole Information

Top Depth: 50
Bottom Depth: 750

Top Depth: 0
Bottom Depth: 50

Top Depth:
Bottom Depth: 750.0

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
17	1 of 1	SE	0.47 / 2,503.71	Joe Terry TX	SDRW WELLS

Track NO:	282944
Date Submitted:	2012-04-05
Owner Name:	Joe Terry
Owner Address:	14101 Fitzhugh Rd.
Owner Address2:	
Owner City:	Austin
Owner State:	TX
Owner Zip:	78736
County:	Hays
Type of Work:	New Well
Typ of Wrk Oth Descr:	
Proposed Use:	Stock
Prop Use Oth Descr:	
Latitude:	30.238334
Longitude:	-98.015834
Drilling Date Started:	2011-10-19
Drilling Date Completed:	2011-10-19
Chemical Analysis:	No
Company Name:	Western Water Wells
Company Address:	500 Southland Dr.
CompanyAddress2:	
Company City:	Burnet
Company State:	TX
Company Zip:	78611
Company Country:	
Data Source:	Full SDR Database; SDRDB Well Location (Map)
Report Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=282944&Type=SDR-Well

Well Borehole Information

Top Depth:	
Bottom Depth:	710.0
Top Depth:	0
Bottom Depth:	50
Top Depth:	50
Bottom Depth:	710

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
18	1 of 1	WNW	0.48 / 2,514.68	CODY WILLIAMS 321 HANNAH DRIVE, LOT 12 DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 62936
Date Submitted: 2005-07-19
Owner Name: CODY WILLIAMS
Owner Address: 494 HANNAH DRIVE
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.243056
Longitude: -98.033611
Drilling Date Started: 2005-06-07
Drilling Date Completed: 2005-06-07
Chemical Analysis: No
Company Name: CENTRAL TEXAS DRILLING,INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=62936&Type=SDR-Well

Well Borehole Information

Top Depth: 50
Bottom Depth: 770

Top Depth:
Bottom Depth: 770.0

Top Depth: 0
Bottom Depth: 50

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
19	1 of 1	SW	0.48 / 2,541.31	GLEN & LINDA WEICHERT 12241 FITZHUGH PLACE DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 86688
Date Submitted: 2006-07-05
Owner Name: GLEN & LINDA WEICHERT
Owner Address: 12241 FITZHUGH PLACE
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.237778
Longitude: -98.024722
Drilling Date Started: 2006-04-12
Drilling Date Completed: 2006-04-12
Chemical Analysis: No
Company Name: CENTRAL TEXAS DRILLING, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=86688&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 760.0

Top Depth: 50
Bottom Depth: 760

Top Depth: 0
Bottom Depth: 50

Well Levels

Measurement: 394.6
Measurement Date: 2006-04-14

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
20	1 of 1	SSW	0.50 / 2,619.31	CARTER KING 12250 TRAUTWEIN RD AUSTIN TX 78737	SDRW WELLS

Track NO: 156856
Date Submitted: 2008-10-21
Owner Name: CARTER KING
Owner Address: 12250 TRAUTWEIN RD
Owner Address2:
Owner City: AUSTIN
Owner State: TX
Owner Zip: 78737
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.237222
Longitude: -98.027222
Drilling Date Started: 2008-06-24
Drilling Date Completed: 2008-08-25
Chemical Analysis: No
Company Name: WHISENANT & LYLE WATER SERVICES INC
Company Address: P.O. BOX 525
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=156856&Type=SDR-Well

Well Borehole Information

Top Depth: 0
Bottom Depth: 660

Top Depth:
Bottom Depth: 660.0

Well Levels

Measurement: 360
Measurement Date: 2008-08-25

Well Strata

Water Type:

GOOD

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
21	1 of 1	NNW	0.51 / 2,668.31	CHRIS WAHLBERG TX	TCEQ WELL LOGS

Grid No:	57-48-9
Date Drilled:	06/23/1998
Owners Name:	CHRIS WAHLBERG
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	300
Depth Drilled:	755
Latitude:	30.255019
Longitude:	-98.028145

Send original copy by certified return receipt requested n TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3(

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas
WELL REPORT

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER CHRIS WAHLBERG (Name) ADDRESS 11600 CRUMLEY RANCH RD. (Street or RFD) AUSTIN (City) TX (State) 78736 (Zip)

2) ADDRESS OF WELL: County TRAVIS 11600 CRUMLEY RANCH RD. (Street, RFD or other) AUSTIN (City) TX (State) 78736 (Zip) GRID # 57-49-9

3) TYPE OF WORK (Check): [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [X] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) X N

6) WELL LOG:
Date Drilling: Started 6/22 19 98 Completed 6/23 1998

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8.75	Surface	10
6.5	10	20
6	20	755

7) DRILLING METHOD (Check): [ ] Driven [X] Air Rotary [ ] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

From (ft.)	To (ft.)	Description and color of formation material
0	5	ROCK
5	10	WHITE LIME
10	15	BLUE LIME
15	18	CALICHE
18	390	BLUE LIME
390	570	LT. GOLD LIME (2GPM)
570	575	BLUE LIME
575	600	LT. GOLD LIME
600	620	BLUE SHALE
620	680	LT. GOLD LIME
680	700	LT. BROWN LIME
700	730	REDISH BROWN LIME
730 -	750	TAN (40+GPM)
750	755	TAN ROCK

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): [X] Open Hole [ ] Straight Wall [ ] Underreamed [ ] Gravel Packed [ ] Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4.6	0	PLASTIC	0	755	

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 7
____ ft. to ____ ft. No. of sacks used ____
Method used SLURRIED & POURED
Cemented by REX BIBLE
Distance to septic system field lines or other concentrated contamination 154 ft.
Method of verification of above distance STEEL TAPE

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed [Rule 338.44(2)(A)]
[X] Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
[ ] Pitless Adapter Used [Rule 338.44(3)(b)]
[ ] Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL:
Static level 300 ft. below land surface Date 6/23/98
Artesian flow ____ gpm. Date ____

12) PACKERS:

	Type	Depth
1	PLASTIC	20
1		

FILE ID EMP # JUL 20 1998 SEQ # DESCRO 775 LOG RCVD TEMP

13) TYPE PUMP:
[ ] Turbine [ ] Jet [X] Submersible [ ] Cylinder
[ ] Other NOT YET SET
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [X] Jetted [X] Estimated
Yield: 40+ gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? [ ] Yes [X] No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME BEE CAVE DRILLING (Type or print) WELL DRILLER'S LICENSE NO. 2750 WPKL

ADDRESS 10324 W. BEE CAVE RD. (Street or RFD) AUSTIN (City) TX (State) 78733 (Zip)

(Signed) Rex W. Bible (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 05-21-96) White - TNRCC Yellow - DRILLER Pink - WELL OWNER

Send original copy by certified return receipt requested n TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3(

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas
WELL REPORT

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER CHRIS WAHLBERG (Name) ADDRESS 11600 CRUMLEY RANCH RD. (Street or RFD) AUSTIN (City) TX (State) 78736 (Zip)

2) ADDRESS OF WELL: County TRAVIS 11600 CRUMLEY RANCH RD. (Street, RFD or other) AUSTIN (City) TX (State) 78736 (Zip) GRID # 57-49-9

3) TYPE OF WORK (Check): [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [X] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) X N

6) WELL LOG:
Date Drilling: Started 6/22 19 98 Completed 6/23 1998

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8.75	Surface	10
6.5	10	20
6	20	755

7) DRILLING METHOD (Check): [ ] Driven [X] Air Rotary [ ] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

From (ft.)	To (ft.)	Description and color of formation material
0	5	ROCK
5	10	WHITE LIME
10	15	BLUE LIME
15	18	CALICHE
18	390	BLUE LIME
390	570	LT. GOLD LIME (2GPM)
570	575	BLUE LIME
575	600	LT. GOLD LIME
600	620	BLUE SHALE
620	680	LT. GOLD LIME
680	700	LT. BROWN LIME
700	730	REDISH BROWN LIME
730 -	750	TAN (40+GPM)
750	755	TAN ROCK

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): [X] Open Hole [ ] Straight Wall [ ] Underreamed [ ] Gravel Packed [ ] Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4.6	0	PLASTIC	0	755	

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 7
____ ft. to ____ ft. No. of sacks used ____
Method used SLURRIED & POURED
Cemented by REX BIBLE
Distance to septic system field lines or other concentrated contamination 154 ft.
Method of verification of above distance STEEL TAPE

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed [Rule 338.44(2)(A)]
[X] Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
[ ] Pitless Adapter Used [Rule 338.44(3)(b)]
[ ] Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL:
Static level 300 ft. below land surface Date 6/23/98
Artesian flow ____ gpm. Date ____

12) PACKERS:

	Type	Depth
1	PLASTIC	20
1		

FILE ID EMP # JUL 20 1998 SEQ # DESCRO 775 LOG/PIN EMP

13) TYPE PUMP:
[ ] Turbine [ ] Jet [X] Submersible [ ] Cylinder
[ ] Other NOT YET SET
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [X] Jetted [X] Estimated
Yield: 40+ gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? [ ] Yes [X] No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME BEE CAVE DRILLING (Type or print) WELL DRILLER'S LICENSE NO. 2750 WPKL

ADDRESS 10324 W. BEE CAVE RD. (Street or RFD) AUSTIN (City) TX (State) 78733 (Zip)

(Signed) Rex W. Bible (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 05-21-96) White - TNRCC Yellow - DRILLER Pink - WELL OWNER

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
22	1 of 1	NW	0.52 / 2,732.25	DUMAS HOME BUILDING 493 FRONTERA RANCH DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 135355
Date Submitted: 2008-02-26
Owner Name: DUMAS HOME BUILDING
Owner Address: 9907 LONGHORN SKYWAY
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.253334
Longitude: -98.032222
Drilling Date Started: 2007-11-29
Drilling Date Completed: 2007-11-29
Chemical Analysis: No
Company Name: CENTRAL TEXAS DRILLING, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=135355&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 790.0

Top Depth: 50
Bottom Depth: 790

Top Depth: 0
Bottom Depth: 50

Well Levels

Measurement: 509.6
Measurement Date: 2007-12-05

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
23	1 of 1	WSW	0.53 / 2,813.11	R.G. KEEN 15425 FITZHUGH RD DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 41224
Date Submitted: 2004-07-21
Owner Name: R.G. KEEN
Owner Address: 6605 LAKEWOOD PT COVE
Owner Address2:
Owner City: AUSTIN
Owner State: TX
Owner Zip: 78750
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.243056
Longitude: -98.033889
Drilling Date Started: 2004-06-23
Drilling Date Completed: 2004-06-23
Chemical Analysis: No
Company Name: BEE CAVE DRILLING, INC.
Company Address: 185 ANGEL FIRE DR.
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=41224&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 650.0

Top Depth: 0
Bottom Depth: 30

Top Depth: 30
Bottom Depth: 650

Well Levels

Measurement: 386
Measurement Date: 2004-06-24

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
24	1 of 1	WNW	0.55 / 2,925.14	Jarrod and Kelli Murdock 418 Frontera Ranch Cove Dripping Springs TX 78620	SDRW WELLS

Track NO: 507490
Date Submitted: 2019-04-04
Owner Name: Jarrod and Kelli Murdock
Owner Address: 418 Frontera Ranch Cove
Owner Address2:
Owner City: Dripping Springs
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.252133
Longitude: -98.033683
Drilling Date Started: 2019-02-25
Drilling Date Completed: 2019-02-25
Chemical Analysis: No
Company Name: Associated Drilling Inc
Company Address: PO Box 673
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=507490&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 850.0

Top Depth: 0
Bottom Depth: 50

Top Depth: 50
Bottom Depth: 850

Well Levels

Measurement: 569
Measurement Date: 2019-02-25

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
25	1 of 1	NW	0.56 / 2,952.44	Stock Lending Supply 465 Frontera Ranch Dripping Springs TX 78620	SDRW WELLS

Track NO: 171288
Date Submitted: 2009-03-17
Owner Name: Stock Lending Supply
Owner Address: 4501 Burleson Rd
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78744
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.253056
Longitude: -98.0325
Drilling Date Started: 2009-03-09
Drilling Date Completed: 2009-03-10
Chemical Analysis: No
Company Name: Apex Drilling, Inc.
Company Address: P O Box 867
CompanyAddress2:
Company City: Marble Falls
Company State: TX
Company Zip: 78654
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=171288&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 805.0

Top Depth: 0
Bottom Depth: 620

Top Depth: 620
Bottom Depth: 805

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
26	1 of 1	NNW	0.56 / 2,971.69	N.O. Crumley TX	GWDB

Well Rep Track No:	
State Well NO:	5748903
Owner Name:	N.O. Crumley
Drilling Start Dt:	
Drilling Month:	
Drilling Day:	
Drilling Year:	1964
Well Depth:	287
Well Usage:	Domestic
Water Level Status:	
Latitude:	30.2561120
Longitude:	-98.0258330
Data Source:	Groundwater Database (GWDB) Reports; GIS shapefile of GWDB well locations
Well Info Report:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetReports.aspx?Num=5748903&Type=GWDB
Document Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetScannedImage.aspx?Num=5748903&Cnty=Travis

GW 1

TEXAS WATER DEVELOPMENT BOARD

WELL SCHEDULE

Aquifer Kgl Kgl Kgm | Field No. | State Well No. 57-48-903

Owner's Well No. | County Travis

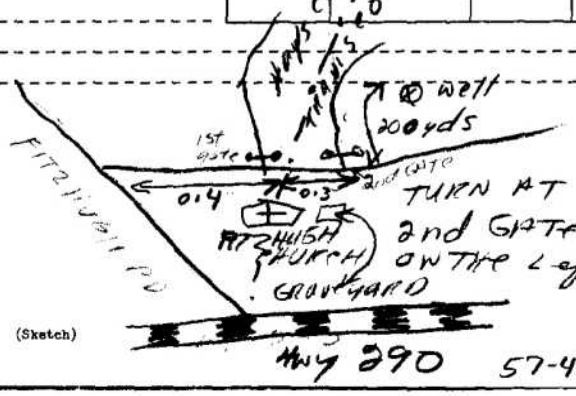
1. Location: 1/4, 1/4 Sec., Block, Survey
2 mi. N. of Fitzhugh Baptist Church
2. Owner: N. O. Crumley Address: 908 W. Mary, Austin
Tenant: Address:
Driller: Stenering Drlg. Co. Address: Austin
3. Elevation of LSD is 1090 ft. above msl, determined by 7½ topo
4. Drilled: 3/18 19 64 ; Dug, Cable Tool, Rotary, 8¾" hole
5. Depth: Rept. 287 ft. Meas. ft.
6. Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed
7. Pump: Mfgr. Red Jacket Type SUBM.
No. Stages, Bowls Diam. in., Setting ft.
Column Diam. in., Length Tailpipe ft.
8. Motor: Fuel Elec Make & Model HP.
9. Yield: Flow gpm, Pump 15 gpm, Meas., (Rept.) Est. Drlr.
10. Performance Test: Date 3/64 Length of Test Made by Dale Bilton
Static Level 217 ft. Pumping Level 217 ft. Drawdown 0 ft.
Production 15 gpm Specific Capacity gpm/ft.
11. Water Level: 217 ft. (rept) meas. 3/18 1964 above/below LSD which is ft. above/below surface.
191.8 ft. rept. meas. 2-4- 1969 above/below ½" HOLE IN TOP STEEL PLATE-REMOVE PLUG which is 0.8 ft. above/below surface.
ft. rept. meas. 19 above/below which is ft. above/below surface.
ft. rept. meas. 19 above/below which is ft. above/below surface.
12. Use: (Dom.) Stock, Public Supply, Ind., Irr., Waterflooding, Observation, Not Used,
13. Quality: (Remarks on taste, odor, color, etc.)
Temp. 60 °F, Date sampled for analysis 2-4-69 Laboratory TSHD
Temp. °F, Date sampled for analysis Laboratory
Temp. °F, Date sampled for analysis Laboratory
14. Other data available as circled: (Driller's Log) Radioactivity Log, Electric Log,
Formation Samples, Pumping Test, Dlog See Back
15. Record by: R. Blunter Date 4/19 1966
Source of Data DLT WDR
16. Remarks:

CASING & BLANK PIPE
Cemented From ft. to ft.

Diam. (in.)	Type	Setting, ft. from	to
7	Steel	0	21.5

WELL SCREEN
Screen Openings 265.5'

Diam. (in.)	Type	Setting, ft. from	to
	OPEN HOLE	21.5	287



N. O. Crumley (West) (Sketch) 57-48-903

GW 1

TEXAS WATER DEVELOPMENT BOARD

WELL SCHEDULE

Aquifer Kgrk ~~Kgrk~~ + Kgru Field No. _____ State Well No. 57-48-903

Owner's Well No. _____ County Travis

1. Location: _1/4, _1/4 Sec. _____, Block _____ Survey _____
   2 mi. N. of Fitzhugh Baptist Church
2. Owner: N. O. Crumley Address: 908 W. Mary, Austin
   Tenant: _____ Address: _____
   Driller: Stenring Drlg. Co. Address: Austin
3. Elevation of LSD is 1090 ft. above msl, determined by 7½ topo
4. Drilled: 3/18 19 64; Dug, Cable Tool, (Rotary) 8¾" hole
5. Depth: Rept. 287 ft. Meas. _____ ft.
6. Completion: (Open Hole) Straight Wall, Underreamed, Gravel Packed _____
7. Pump: Mfgr. Red JACKET Type SUBM.
   No. Stages _____, Bowls Diam. _____ in., Setting _____ ft.
   Column Diam. _____ in., Length Tailpipe _____ ft.
8. Motor: Fuel Elec Make & Model _____ HP. _____
9. Yield: Flow _____ gpm, Pump 15 gpm, Meas., (Rept.) Est. Driller
10. Performance Test: Date 3/64 Length of Test _____ Made by Dale (Baker)
    Static Level 217 ft. Pumping Level 217 ft. Drawdown 0 ft.
    Production 15 gpm Specific Capacity _____ gpm/ft.
11. Water Level: 217 ft. (rept) meas. 3/18 1964 (above) below LSD which is _____ ft. above below surface.
    191.8 ft. rept. meas. 2-4- 1969 above (below) ½" HOLE IN TOP STEEL PLATE-REMOVE PLUG which is 0.8 ft. above (below) surface.
    _____ ft. rept. meas. 19__ above below which is _____ ft. above below surface.
    _____ ft. rept. meas. 19__ above below which is _____ ft. above below surface.
12. Use: (Dom.) Stock, Public Supply, Ind., Irr., Waterflooding, Observation, Not Used, _____
13. Quality: (Remarks on taste, odor, color, etc.) _____
    Temp. 60 °F, Date sampled for analysis 2-4-69 Laboratory TSHD
    Temp. ___ °F, Date sampled for analysis _____ Laboratory _____
    Temp. ___ °F, Date sampled for analysis _____ Laboratory _____
14. Other data available as circled: (Driller's Log) Radioactivity Log, Electric Log,
    Formation Samples, Pumping Test, Dlog See Back
15. Record by: R. Blunter Date 4/19 1966
    Source of Data DLT WDR
16. Remarks: _____

CASING & BLANK PIPE

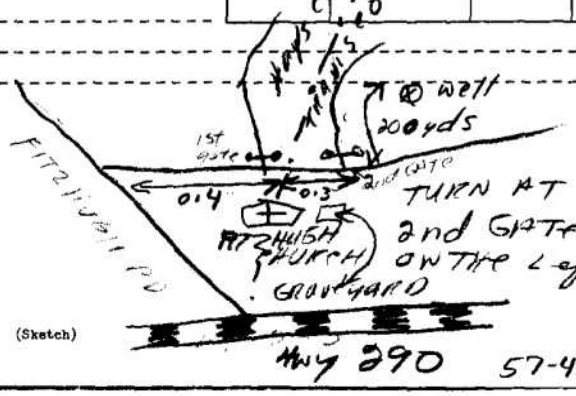
Cemented From _____ ft. to _____ ft.

Diam. (in.)	Type	Setting, ft. from	to
7	Steel	0	21.5

WELL SCREEN

Screen Openings 265.5'

Diam. (in.)	Type	Setting, ft. from	to
	OPEN HOLE	21.5	287

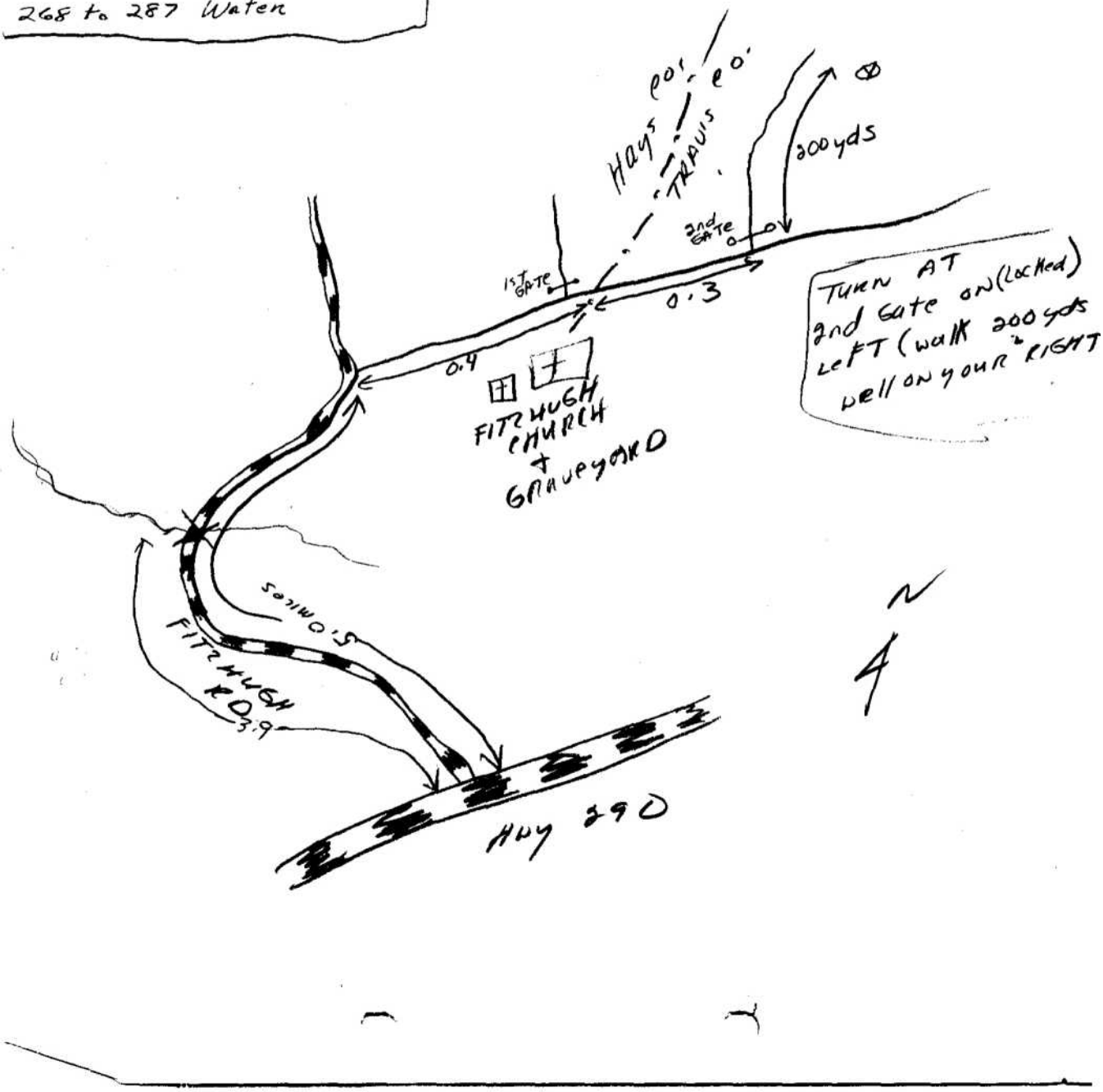


N. O. Crumley (West) (Sketch)

57-48-903

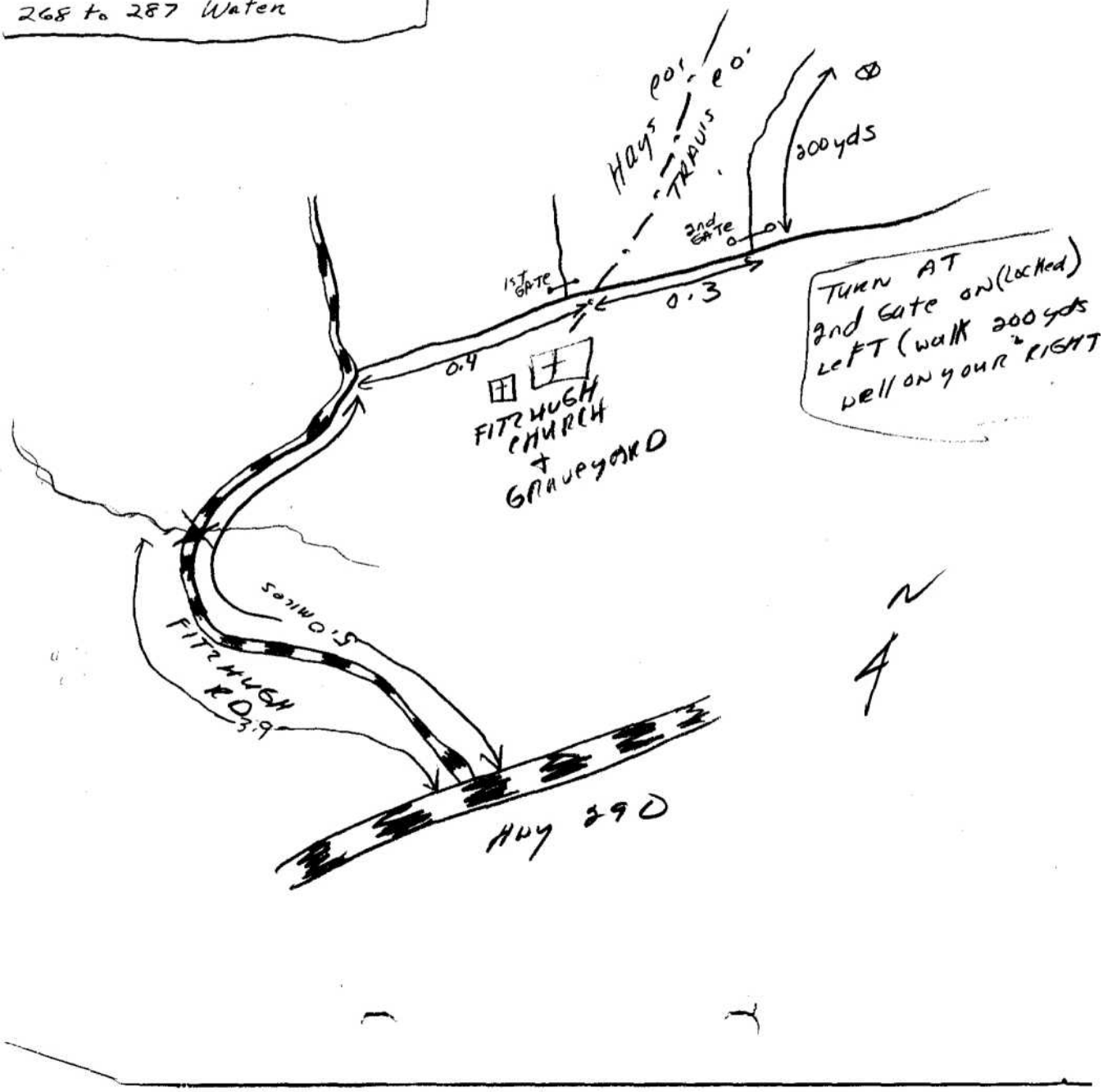
14.) Drillers Log

0 to 1 Top Soil
1 to 23 Hard Lime
23 to 75 Broken Lime
75 to 225 Blue Lime
225 to 240 Gray Sandy Lime
240 to 268 Hard Sandy Lime
268 to 287 Water



14.) Drillers Log

0 to 1 Top Soil
1 to 23 Hard Lime
23 to 75 Broken Lime
75 to 225 Blue Lime
225 to 240 Gray Sandy Lime
240 to 268 Hard Sandy Lime
268 to 287 Water



File or... al copy with
Texas Water Commission
P. O. Box 2311, Capitol Station
Austin 11, Texas

State of Texas

DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No.
Located on map
By Date
Map no.

1) Well Owner: N. C. Crumley 908 West Mary Austin Texas.
2) Land Owner:
3) Intended use: Industrial ☐ Municipal ☐ Irrigation ☐ Other Household
4) Location of well: County TRAVIS Labor League Abstract No.
NW NE SW SE of Section Block No. Survey

2 miles in NW direction
from Fitzhugh Baptist Church

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 8 3/4 in. Date drilled 3-18-64

All measurements made from ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
0	1	Top Soil			
1	23	Hard Lime			
23	75	Broken Lime			
75	205	Blue Lime			
205	240	Grey Sandy Lime			
240	268	Hard "			
268	287	Water			

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION
Straight wall ☐
Under reamed ☐
Gravel packed ☐
Open hole ☑
Other

CASING
Type: Old ☑ New ☐
Cemented from ft.
to ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
7"	0	21'6"

SCREEN
Type
Perforated ☐ Slotted ☐

Diameter (inches)	Setting from (ft)	Setting to (ft)

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

R. T. Clegg Clegg Well Drilling Co Reg. No. 726

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA

Static water level 212
ft. below surface

Pumping level (feet)	hours	gpm
pulled	15	5gpm w/ air
Could not test		

Pump type
Designed pumping rate gpm ☐ gph ☐
Type power unit
Horsepower
Depth to bowls, cylinder, jet, etc., ft. below pump base

YD 57-48-903

Name of contractor testing well or installing permanent pump if other than your company:

C-34 (62-4)

File or... al copy with
Texas Water Commission
P. O. Box 2311, Capitol Station
Austin 11, Texas

State of Texas

DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No.
Located on map
By Date
Map no.

1) Well Owner: N. C. Crumley 908 West Mary Austin Texas.
2) Land Owner:
3) Intended use: Industrial ☐ Municipal ☐ Irrigation ☐ Other Household
4) Location of well: County TRAVIS Labor League Abstract No.
NW NE SW SE of Section Block No. Survey

2 miles in NW direction
from Fitzhugh Baptist Church

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 8 3/4 in. Date drilled 3-18-64

All measurements made from ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
0	1	Top Soil			
1	23	Hard Lime			
23	75	Broken Lime			
75	245	Blue Lime			
245	268	Grey Sandy Lime			
268	287	Hard "			
268	287	Water			

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION
Straight wall ☐
Under reamed ☐
Gravel packed ☐
Open hole ☑
Other

CASING
Type: Old ☑ New ☐
Cemented from ft.
to ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
7"	0	21 6"

SCREEN
Type
Perforated ☐ Slotted ☐

Diameter (inches)	Setting from (ft)	Setting to (ft)

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

R. T. Stallings Stallings Drilling Co Reg. No. 726

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA

Static water level 212
ft. below surface

Pumping level (feet)	hours	gpm
pulled	15	5gpm w bail
Could not test		

Pump type
Designed pumping rate gpm ☐ gph ☐
Type power unit
Horsepower
Depth to bowls, cylinder, jet, etc., ft. below pump base

YD 57-48-903

Name of contractor testing well or installing permanent pump if other than your company:

C-34 (62-4)

GW 2

CHEMICAL WATER ANALYSIS REPORT

Typewrite (Black ribbon) or Print Plainly
(soft pencil or black ink)
Do not use ball point pen

Texas State Department of Health Laboratories
1100 West 49th Street
Austin 5, Texas

Send report to:

Ground Water Division
Texas Water Development Board
P. O. Box 12386
Austin, Texas 78711

County TRAVIS
State Well No YD-57-48-903
Well No.
Date Collected 2-4-69
By H. NICHOGS

Location 4.0 MILES N. OF HWY 290 ON FITZHUGH RD.
Source (type of well) Subm. ELEC. Owner N. O. CRUMLEY
Date Drilled 3-18-64 Depth 287 ft. WHF
Producing intervals OPEN HOLE 22-287 Water level 191.0 Below LSD ft.
Sampled after pumping 15 MIN. hrs. Yield ? GPM meas. est. Temperature 60 °F °C
Point of collection Faucet AT Well Appearance CLEAR
clear - turbid - colored
Use DOM./STOCK Remarks Send Copy To: N.O. CRUMLEY 908. West MARY AUSTIN, TEXAS

FOR LABORATORY USE ONLY

CHEMICAL ANALYSIS

KEY PUNCHED

Laboratory No. 116272W Date Received FEB 7 1969 Date Reported FEB 18 1969

	MG/L	ME/L		MG/L	ME/L
Silica	13		Carbonate		0
Calcium	290	14.52	Bicarbonate	455	7.46
Magnesium	168	13.81	Sulfate	1000	20.81
Sodium	24	1.06	Chloride	33	0.93
Total		29.39	Fluoride	4.0	0.21
☐ Potassium			Nitrate	0.5	
☐ Manganese		%Na	pH 7.2	Total	29.41
☐ Boron		SAR	1/ Dissolved Solids (sum)	1760	
☐ Total Iron		RSC	Phenolphthalein Alkalinity as C aCO_3	0	
☐ (other)			Total Alkalinity as C aCO_3	(7.46) 373	
Specific Conductance (micromhos/cm3)	2100		Total Hardness as C aCO_3	(28.33) 1420	
Diluted Conductance (micromhos/cm3)	26 x 126 = 3276				

"☐" items will be analyzed if checked.

Total Iron requires separate sample.

FEB 18 1969
Analyst
Checked by

1/ The bicarbonate reported in this analysis is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.

GW 2

CHEMICAL WATER ANALYSIS REPORT

Typewrite (Black ribbon) or Print Plainly
(soft pencil or black ink)
Do not use ball point pen

Texas State Department of Health Laboratories
1100 West 49th Street
Austin 5, Texas

Send report to:

Ground Water Division
Texas Water Development Board
P. O. Box 12386
Austin, Texas 78711

County TRAVIS
State Well No YD-57-48-903
Well No.
Date Collected 2-4-69
By H. NICHOLS

Location 4.0 MILES N. OF HWY 290 ON FITZHUGH RD.
Source (type of well) Subm. ELEC. Owner N. O. CRUMLEY
Date Drilled 3-18-64 Depth 287 ft. WHF
Producing intervals OPEN HOLE 22-287 Water level 191.0 Below LSD ft.
Sampled after pumping 15 MIN. hrs. Yield ? GPM meas. est. Temperature 60 °F °C
Point of collection Faucet AT Well Appearance CLEAR
clear - turbid - colored
Use DOM./STOCK Remarks Send Copy To: N.O. CRUMLEY 908. West MARY AUSTIN, TEXAS

FOR LABORATORY USE ONLY

CHEMICAL ANALYSIS

KEY PUNCHED

Laboratory No. 116272W Date Received FEB 7 1969 Date Reported FEB 18 1969

	MG/L	ME/L		MG/L	ME/L
Silica	13		Carbonate	0	0
Calcium	290	14.52	Bicarbonate	455	7.46
Magnesium	168	13.81	Sulfate	1000	20.81
Sodium	24	1.06	Chloride	33	0.93
	Total	29.39	Fluoride	4.0	0.21
☐ Potassium			Nitrate	0.5	
☐ Manganese		%Na	pH 7.2	Total	29.41
☐ Boron		SAR	1/ Dissolved Solids (sum)	1760	
☐ Total Iron		RSC	Phenolphthalein Alkalinity as C aCO_3	0	
☐ (other)			Total Alkalinity as C aCO_3	(7.46) 373	
Specific Conductance (micromhos/cm3)	2100		Total Hardness as C aCO_3	(28.33) 1420	
Diluted Conductance (micromhos/cm3)	26 x 126 = 3276				

"☐" items will be analyzed if checked.

Total Iron requires separate sample.

FEB 18 1969
Analyst
Checked by

1/ The bicarbonate reported in this analysis is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
27	1 of 1	WNW	0.60 / 3,158.45	Reliance Custom Home 364 Frontera Ranch Cove Dripping Springs TX 78620	SDRW WELLS

Track NO: 198917
Date Submitted: 2009-11-12
Owner Name: Reliance Custom Home
Owner Address: 1410 Shelton Ranch Road
Owner Address2:
Owner City: Dripping Springs
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.252223
Longitude: -98.034167
Drilling Date Started: 2009-10-19
Drilling Date Completed: 2009-10-20
Chemical Analysis: No
Company Name: Associated Drilling Co.
Company Address: P.O. Box 1060
CompanyAddress2:
Company City: Manchaca
Company State: TX
Company Zip: 78652
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=198917&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 840.0

Top Depth: 0
Bottom Depth: 60

Top Depth: 60
Bottom Depth: 840

Well Levels

Measurement: 540
Measurement Date: 2009-10-28

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
28	1 of 1	NW	0.60 / 3,165.36	WEBB EVANS 11355 BONHAM RANCH RD. DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 483309
Date Submitted: 2018-06-29
Owner Name: WEBB EVANS
Owner Address: 345 WHISPERING WIND WAY
Owner Address2:
Owner City: AUSTIN
Owner State: TX
Owner Zip: 78737
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.254967
Longitude: -98.033467
Drilling Date Started: 2018-05-09
Drilling Date Completed: 2018-05-09
Chemical Analysis: No
Company Name: Centex Pump & Supply, Inc.
Company Address: 2520 Hwy. 290 West
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=483309&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 870.0

Top Depth: 0
Bottom Depth: 100

Top Depth: 100
Bottom Depth: 870

Well Levels

Measurement: 587
Measurement Date: 2018-05-16

Well Strata

Water Type:

LOWER TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
29	1 of 1	W	0.60 / 3,178.22	Dale Moore 12099 Bonham Ranch Rd Dripping Springs TX 78620	SDRW WELLS

Track NO: 179624
Date Submitted: 2009-05-27
Owner Name: Dale Moore
Owner Address: 1414 Peppertree
Owner Address2:
Owner City: Houston
Owner State: TX
Owner Zip: 77015
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.248056
Longitude: -98.035834
Drilling Date Started: 2004-06-18
Drilling Date Completed: 2004-06-18
Chemical Analysis: No
Company Name: Central Texas Drilling, Inc.
Company Address: 2520 Hwy 290 W
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=179624&Type=SDR-Well

Well Borehole Information

Top Depth: 40
Bottom Depth: 730

Top Depth: 0
Bottom Depth: 40

Top Depth:
Bottom Depth: 730.0

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
30	1 of 1	NNW	0.62 / 3,257.77	LUELLA GALBRAITH TX	TCEQ WELL LOGS

Grid No: 57-48-9
Date Drilled: 08/19/1988
Owners Name: LUELLA GALBRAITH
County: HAYS
Water Usage: DOMESTIC
Static Level: 240
Depth Drilled: 400
Latitude: 30.25682
Longitude: -98.027288

Please use Black ink.
Send original copy by certified mail to the
Texas Water Commission
P.O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Luella Galbraith (Name) Address 1613 Taylor Gaines, Austin, TX 78741 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Travis 1 miles in N (N.E., S.W., etc.) direction from Fitzhugh Church (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☒ See attached map.

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check):
☐ Driven ☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 8-19-1988 Completed 8-19-1988

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6	Surface	
6	290	400

7) BOREHOLE COMPLETION:
☐ Open Hole ☒ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
		290 Old Well
		290 - 320 Gray Rock
		320 - 340 Lt. Gray Rock
		340 - 360 Gray Lime
		360 - 375 Lt. Gray Rock
		375 - 380 Broken Gray Rock
		(30-40 Water Bearing)
		380 - 400 Gray Rock
		30-40 GPM

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
_____ ft. to _____ ft. No. of Sacks Used _____
Method used _____
Cemented by _____

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

RECEIVED
NOV 16 1988
TEXAS WATER COMMISSION

11) WATER LEVEL:
Static level 240 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

(Use reverse side if necessary)

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 30-40 gpm with _____ ft. drawdown after _____ hrs.

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Raymond Whisenant & Son, Inc. (Type or Print) Water Well Driller's License No. 454

ADDRESS P.O. Box 525, Dripping springs, TX 78620 (Street or RFD) (City) (State) (Zip)

(Signed) Raymond Whisenant (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 57-48-9
Located on map _____

TWC-0392 (Rev. 06-10-85) TEXAS WATER COMMISSION COPY

Please use Black ink.
Send original copy by certified mail to the
Texas Water Commission
P.O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Luella Galbraith (Name) Address 1613 Taylor Gaines, Austin, TX 78741 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Travis 1 miles in N (N.E., S.W., etc.) direction from Fitzhugh Church (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☒ See attached map.

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check):
☐ Driven ☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 8-19-1988 Completed 8-19-1988

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6	Surface	
6	290	400

7) BOREHOLE COMPLETION:
☐ Open Hole ☒ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
		290 Old Well
		290 - 320 Gray Rock
		320 - 340 Lt. Gray Rock
		340 - 360 Gray Lime
		360 - 375 Lt. Gray Rock
		375 - 380 Broken Gray Rock
		(30-40 Water Bearing)
		380 - 400 Gray Rock
		30-40 GPM

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
_____ ft. to _____ ft. No. of Sacks Used _____
Method used _____
Cemented by _____

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

RECEIVED
NOV 16 1988
TEXAS WATER COMMISSION

11) WATER LEVEL:
Static level 240 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 30-40 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Raymond Whisenant & Son, Inc. (Type or Print) Water Well Driller's License No. 454

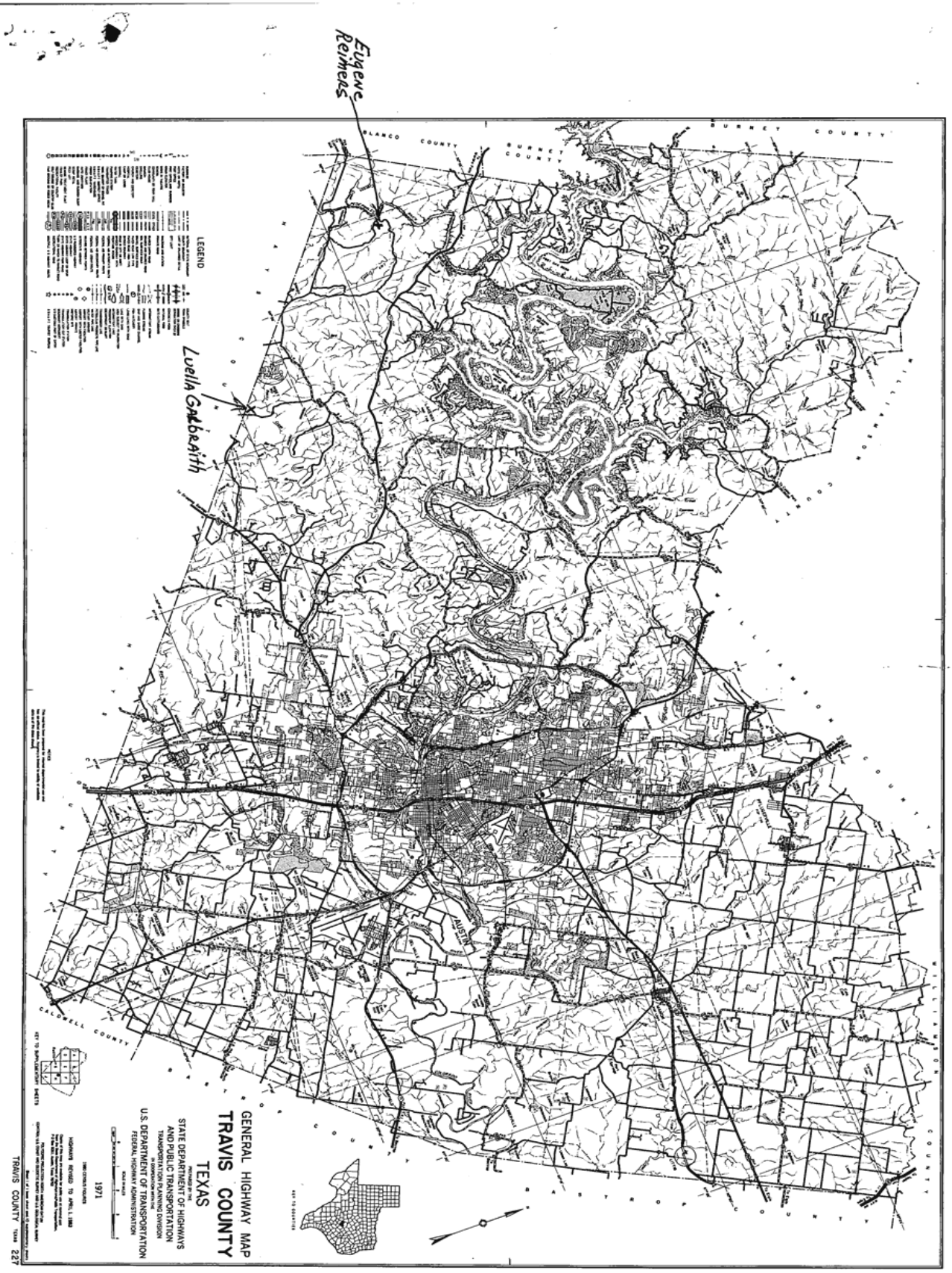
ADDRESS P.O. Box 525, Dripping springs, TX 78620 (Street or RFD) (City) (State) (Zip)

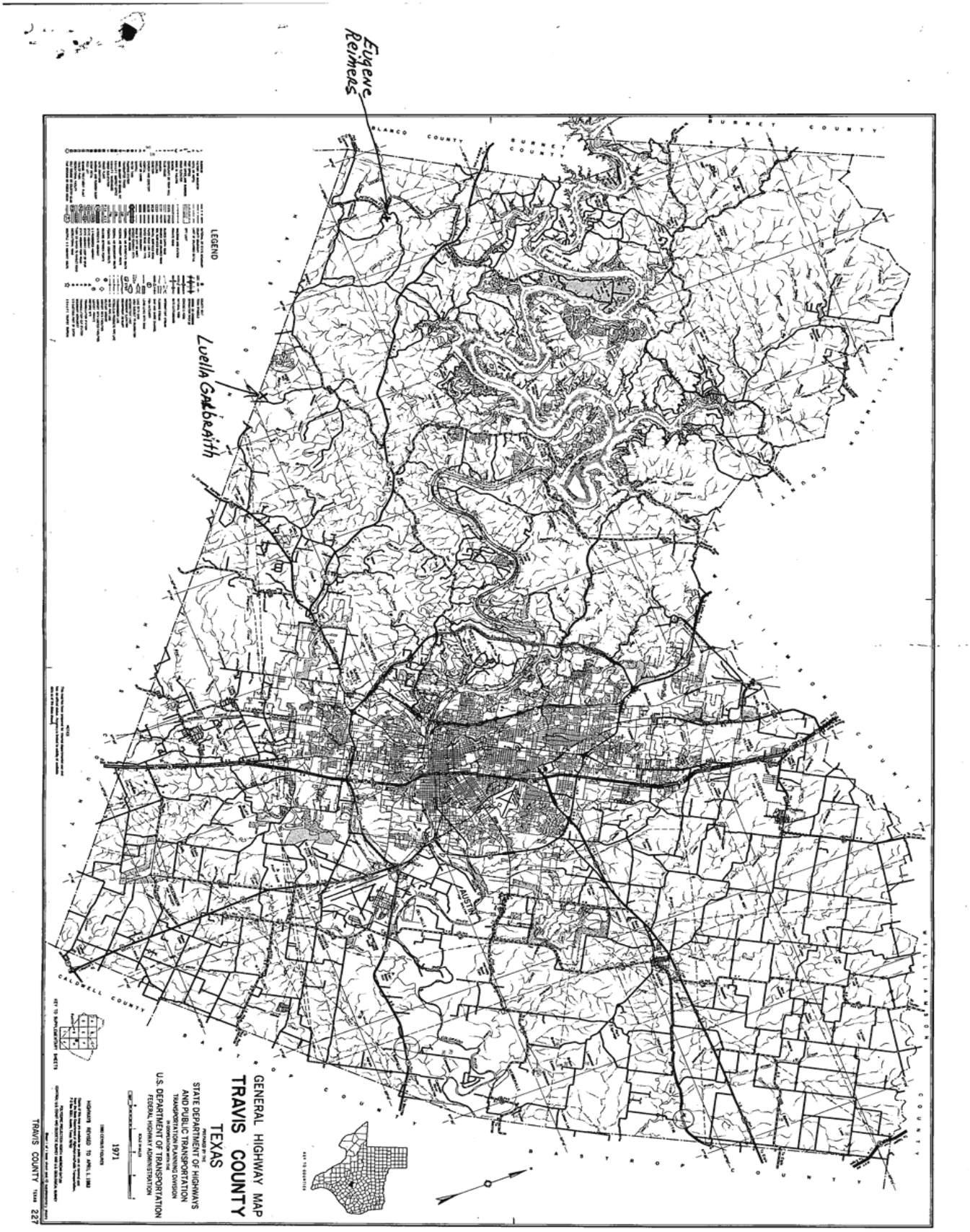
(Signed) Raymond Whisenant (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 57-48-9
Located on map _____

TWC-0392 (Rev. 06-10-85) TEXAS WATER COMMISSION COPY


Eugene Reimers
Luella Galbraith
LEGEND
BLANCO COUNTY
BURNET COUNTY
CALDWELL COUNTY
AUSTIN
GENERAL HIGHWAY MAP
TRAVIS COUNTY
TEXAS
STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION
TRANSPORTATION PLANNING DIVISION
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
1971
HIGHWAY REVISED TO APRIL 1, 1982
TRAVIS COUNTY TEXAS 227


Eugene Reimers
Luella Galbraith
LEGEND
BLANCO COUNTY
BURNET COUNTY
CALDWELL COUNTY
AUSTIN
GENERAL HIGHWAY MAP
TRAVIS COUNTY
TEXAS
STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION
TRANSPORTATION PLANNING DIVISION
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
1971
TRAVIS COUNTY TEXAS 227

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
31	1 of 2	WNW	0.62 / 3,294.39	Walt Graner Frontera OW-1 TX	GWDB

Well Rep Track No:	49940
State Well NO:	5748912
Owner Name:	Walt Graner Frontera OW-1
Drilling Start Dt:	
Drilling Month:	11
Drilling Day:	4
Drilling Year:	2004
Well Depth:	770
Well Usage:	Domestic
Water Level Status:	
Latitude:	30.2519450
Longitude:	-98.0352780
Data Source:	Groundwater Database (GWDB) Reports; GIS shapefile of GWDB well locations
Well Info Report:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetReports.aspx?Num=5748912&Type=GWDB
Document Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetScannedImage.aspx?Num=5748912&Cnty=Hays

NCW ✓

Texas Water Development Board
Well Schedule

State Well Number 5748912 Prev. Well No. _____ County Hays County Code 209

Basin 14 GMA 9 RWPA K GCD H-T Aquifer 218 GRLH

Latitude 30 15 07 Longitude 098 02 07 Coord Accuracy 1 Aquifer ID1 __ Aquifer ID2 __ Aquifer ID3 __

Owner Walt Gruner Driller Bee Cave Drilling

Well No. Frontera OW-1

Address _____ Tenant/Oper. _____

Well Depth 770 Source of Depth D Altitude 1127 Source of Alt. Datum D

Date Drilled 11 4 2004 Well Type W User Code _____

Lift Data: Pump Mfr. _____ Type of Lift _____ Pump Depth Setting (ft) _____ ft.
Motor Mfg _____ Type of Power _____ Horsepower _____

Water Use: Primary Dom H Secondary _____ Tertiary _____

Other Data Available: Water Level M Water Quality N Well Logs DEJ Other Data A

Well Construction: Const Method Air Rotary A Casing Material PVC P
Completion Method gravel pack screen G Screen Material PVC P

Water Levels:
Date 11 05 2004 Meas 479 Remarks Logger 09/9 M.P. + _____
Date 11 10 2004 Meas 473.11 Remarks 09/9
Date 11 12 2004 Meas 473.35 Remarks

Water Quality (Remarks): _____

Yield: Flow Rate _____ Pump Rate _____ GPM Meas Rept Est Date of Test _____

Performance Test: Length of test _____ hr Production Rate _____ GPM Meas Rept Est Date of Test _____
Static Level _____ ft. Pumping Level _____ ft. Amount of Drawdown _____ ft. Specific Capacity _____ GPM/ft.

Casing Records:

	Casing or Blank Pipe (C) Dia (in.)	From	To
1	C 5	0	724
2	S 5	724	764
3	C 5	764	770
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			

Well Screen or Slotted Zone (S)
Open Hole (O)
Connected from _____ to _____ Interval of C, S, or O: From To

Date Record Collected or Information Updated 9 7 2010 Reporting Agency 01 Recorded by D. Coker 2nd.

Other Remarks:
1 Observation well for aquifer test of 911. Test
2 data and results in TWDB files.
3
4
5
6 TD 49940 '

Aquifer _____

Well Number 5748 .912

NCW ✓

Texas Water Development Board
Well Schedule

State Well Number 5748912 Prev. Well No. _____ County Hays County Code 209

Basin 14 GMA 9 RWPA K GCD H-T Aquifer 218 GRLH

Latitude 30 15 07 Longitude 098 02 07 Coord Accuracy 1 Aquifer ID1 __ Aquifer ID2 __ Aquifer ID3 __

Owner Walt Gruner Driller Bee Cave Drilling

Well No. Frontera OW-1

Address _____ Tenant/Oper. _____

Well Depth 770 Source of Depth D Altitude 1127 Source of Alt. Datum D

Date Drilled 11 4 2004 Well Type W User Code _____

Casing Records:

	Casing or Blank Pipe (C) Diam (in.)	From	To
1	C 5	0	724
2	S 5	724	764
3	C 5	764	770
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			

Lift Data: Pump Mfr. _____ Type of Lift _____ Pump Depth Setting (ft) _____ ft.

Motor Mfg _____ Type of Power _____ Horsepower _____

Water Use: Primary Dom H Secondary _____ Tertiary _____

Other Data Available: Water Level M Water Quality N Well Logs DEJ Other Data A

Well Construction: Const Method Air Rotary A Casing Material PVC P

Completion Method gravel pack screen G Screen Material PVC P

Water Levels: Logger

Date 11 05 2004 Meas 479 Remarks 09/9 M.P. + _____ -

Date 11 10 2004 Meas 473.11 Remarks 09/9

Date 11 12 2004 Meas 473.35 Remarks

Water Quality (Remarks: _____

Yield: Flow Rate _____ Pump Rate _____ GPM Meas Rept Est Date of Test _____

Performance Test: Length of test _____ hr Production Rate _____ GPM Meas Rept Est Date of Test _____

Static Level _____ ft. Pumping Level _____ ft. Amount of Drawdown _____ ft. Specific Capacity _____ GPM/ft.

Date Record Collected or Information Updated 9 7 2010 Reporting Agency 01 Recorded by D. Coker 2nd.

Other Remarks:
1 Observation well for aquifer test of 911. Test
2 data and results in TWDB files.
3
4
5
6 TD 49940 1

Aquifer _____

Well Number 5748 .912

STATE OF TEXAS WELL REPORT for Tracking #49940

Owner:	**WALT GRANER**	Owner Well #:	**001**
Address:	**3006 BEE CAVES RD. B 160 AUSTIN , TX 78746**	Grid #:	**57-48-9**
Well Location:	**11951 BONHAM RANCH RD. DRIPPING SPRINGS , TX 78620**	Latitude:	**30° 15' 07" N**
Well County:	**Hays**	Longitude:	**098° 02' 07" W**
Elevation:	**1138 ft.**	GPS Brand Used:	**GARMIN**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Date: Started: **11/4/2004**
Completed: **11/4/2004**

Diameter of Hole: Diameter: **10 in From Surface To 30 ft**
Diameter: **7 in From 30 ft To 770 ft**

Drilling Method: **Air Rotary**

Borehole Completion: Gravel Packed From: **635 ft to 770 ft**
Gravel Pack Size:

Annular Seal Data: 1st Interval: **From 0 ft to 30 ft with 18 CEMENT (#sacks and material)**
2nd Interval: **From 620 ft to 635 ft with 2 HOLE PLUG (#sacks and material)**
3rd Interval: **No Data**
Method Used: **No Data**
Cemented By: **GREG SVETLIK**
Distance to Septic Field or other Concentrated Contamination: **No Data**
Distance to Property Line: **No Data**
Method of Verification: **NOT YET INSTALLED**
Approved by Variance: **No Data**

Surface Completion: **Surface Sleeve Installed**

Water Level: Static level: **No Data**
Artesian flow: **No Data**

Packers: **PLASTIC 30'**

Plugging Info: Casing or Cement/Bentonite left in well: **No Data**

Type Of Pump: **Other: DID NOT SET**
Depth to pump bowl: **(No Data) ft**

Well Tests: **Jetted \ Estimated**
Yield: **40 GPM with (No Data) ft drawdown after (No Data) hours**

Water Quality: Type of Water: **No Data**
Depth of Strata: **No Data**
Chemical Analysis Made: **No**
Did the driller knowingly penetrate any strata which contained undesirable constituents: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the log(s) being returned for completion and resubmittal.

5748 912

STATE OF TEXAS WELL REPORT for Tracking #49940

Owner:	**WALT GRANER**	Owner Well #:	**001**
Address:	**3006 BEE CAVES RD. B 160 AUSTIN , TX 78746**	Grid #:	**57-48-9**
Well Location:	**11951 BONHAM RANCH RD. DRIPPING SPRINGS , TX 78620**	Latitude:	**30° 15' 07" N**
Well County:	**Hays**	Longitude:	**098° 02' 07" W**
Elevation:	**1138 ft.**	GPS Brand Used:	**GARMIN**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Date: Started: **11/4/2004**
Completed: **11/4/2004**

Diameter of Hole: Diameter: **10 in From Surface To 30 ft**
Diameter: **7 in From 30 ft To 770 ft**

Drilling Method: **Air Rotary**

Borehole Completion: Gravel Packed From: **635 ft to 770 ft**
Gravel Pack Size:

Annular Seal Data: 1st Interval: **From 0 ft to 30 ft with 18 CEMENT (#sacks and material)**
2nd Interval: **From 620 ft to 635 ft with 2 HOLE PLUG (#sacks and material)**
3rd Interval: **No Data**
Method Used: **No Data**
Cemented By: **GREG SVETLIK**
Distance to Septic Field or other Concentrated Contamination: **No Data**
Distance to Property Line: **No Data**
Method of Verification: **NOT YET INSTALLED**
Approved by Variance: **No Data**

Surface Completion: **Surface Sleeve Installed**

Water Level: Static level: **No Data**
Artesian flow: **No Data**

Packers: **PLASTIC 30'**

Plugging Info: Casing or Cement/Bentonite left in well: **No Data**

Type Of Pump: **Other: DID NOT SET**
Depth to pump bowl: **(No Data) ft**

Well Tests: **Jetted \ Estimated**
Yield: **40 GPM with (No Data) ft drawdown after (No Data) hours**

Water Quality: Type of Water: **No Data**
Depth of Strata: **No Data**
Chemical Analysis Made: **No**
Did the driller knowingly penetrate any strata which contained undesirable constituents: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the log(s) being returned for completion and resubmittal.

5748 912

Company Information:	**BEE CAVE DRILLING, INC. 185 ANGELFIRE DR. DRIPPING SPRINGS , TX 78620**
Driller License Number:	**54416**
Licensed Well Driller Signature:	**JIM BLAIR**
Registered Driller Apprentice Signature:	**GREG SVETLIK**
Apprentice Registration Number:	**WWDAPP00001734**
Comments:	**No Data**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking number (Tracking **#49940**) on your written request.

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
(512) 463-7880

DESC. & COLOR OF FORMATION MATERIAL

From (ft) To (ft) Description
0 - 1 TOPSOIL
1 - 12 SHELF ROCK
12 - 280 BLUE LIMESTONE
280 - 285 GREY SHALE
285 - 290 WHITE LIMESTONE
290 - 295 GREY SHALE
295 - 330 GREY LIMESTONE
330 - 350 GREY SHALE W/ LIMESTONE
350 - 375 GREY SHALE
375 - 402 SANDY LIMESTONE
402 - 440 LIGHT GREY LIMESTONE W/ TAN ROCK
440 - 525 GREY LIMESTONE W/ SHALE STREAKS
525 - 565 GREY & BROWN ROCK W/B 10 GPM
565 - 595 GREY ROCK W/ CLAY STREAKS
595 - 605 BLUE SHALE
605 - 613 RED SHALE
613 - 617 LIGHT GREY LIMESTONE
617 - 620 RED CLAY
620 - 635 GREY ROCK / CLAY
635 - 645 LIGHT GREY ROCK
645 - 651 MIXED SANDSTONE
651 - 655 BROKEN LIMESTONE
655 - 728 MIXED SANDSTONE
728 - 745 PURPLE ROCK

CASING, BLANK PIPE & WELL SCREEN DATA

Dia. New/Used Type Setting From/To
4.5 NEW PLASTIC 0 - 724
4.5 NEW SCREEN MFG. 724 - 764 .10
4.5 NEW PLASTIC 764 - 770

9/2

Company Information:	**BEE CAVE DRILLING, INC. 185 ANGELFIRE DR. DRIPPING SPRINGS , TX 78620**
Driller License Number:	**54416**
Licensed Well Driller Signature:	**JIM BLAIR**
Registered Driller Apprentice Signature:	**GREG SVETLIK**
Apprentice Registration Number:	**WWDAPP00001734**
Comments:	**No Data**

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Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
(512) 463-7880

DESC. & COLOR OF FORMATION MATERIAL

From (ft)	To (ft)	Description
0	1	TOPSOIL
1	12	SHELF ROCK
12	280	BLUE LIMESTONE
280	285	GREY SHALE
285	290	WHITE LIMESTONE
290	295	GREY SHALE
295	330	GREY LIMESTONE
330	350	GREY SHALE W/ LIMESTONE
350	375	GREY SHALE
375	402	SANDY LIMESTONE
402	440	LIGHT GREY LIMESTONE W/ TAN ROCK
440	525	GREY LIMESTONE W/ SHALE STREAKS
525	565	GREY & BROWN ROCK W/B 10 GPM
565	595	GREY ROCK W/ CLAY STREAKS
595	605	BLUE SHALE
605	613	RED SHALE
613	617	LIGHT GREY LIMESTONE
617	620	RED CLAY
620	635	GREY ROCK / CLAY
635	645	LIGHT GREY ROCK
645	651	MIXED SANDSTONE
651	655	BROKEN LIMESTONE
655	728	MIXED SANDSTONE
728	745	PURPLE ROCK

CASING, BLANK PIPE & WELL SCREEN DATA

Dia.	New/Used	Type	Setting From/To
4.5	NEW	PLASTIC	0 - 724
4.5	NEW	SCREEN MFG.	724 - 764 .10
4.5	NEW	PLASTIC	764 - 770

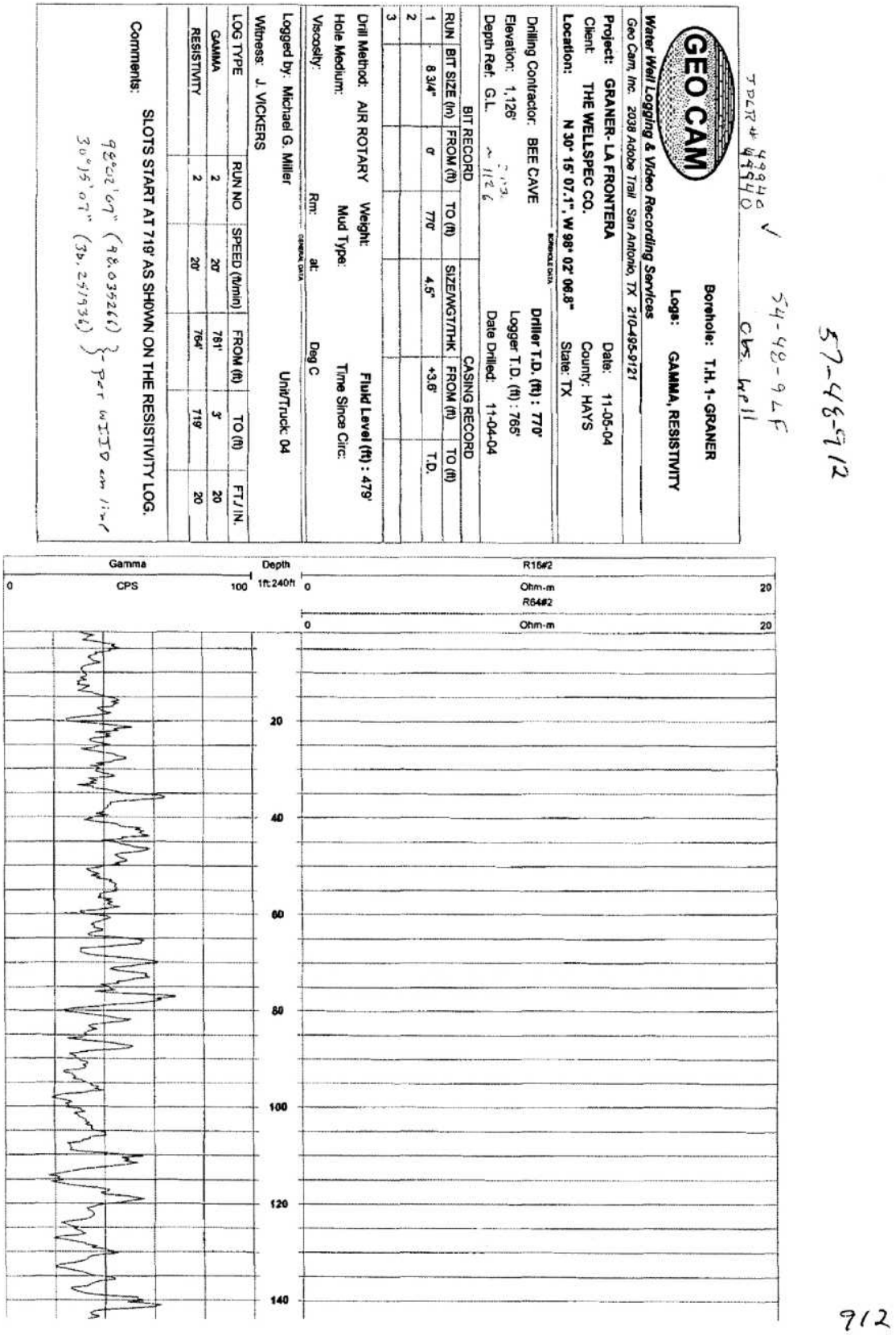
9/2

745 - 750 RED CLAY
750 - 758 BROWN SANDSTONE W/B 20 GPM
758 - 770 BLUE CLAY W/ ROCK

912

745 - 750 RED CLAY
750 - 758 BROWN SANDSTONE W/B 20 GPM
758 - 770 BLUE CLAY W/ ROCK

912



GEO CAM

Water Well Logging & Video Recording Services

Geo Cam, Inc. 2038 Adobe Trail San Antonio, TX 210-495-9121

Project: GRANER- LA FRONTERA
Client: THE WELLSPEC CO.
Location: N 30° 15' 07.1", W 98° 02' 06.8"

Borehole: T.H. 1- GRANER
Logs: GAMMA, RESISTIVITY
Date: 11-05-04
County: HAYS
State: TX

Drilling Contractor: BEE CAVE
Elevation: 1,126'
Depth Ref. G.L.

Driller T.D. (ft) : 770'
Logger T.D. (ft) : 765'
Date Drilled: 11-04-04

BIT RECORD

RUN	BIT SIZE (in)	FROM (ft)	TO (ft)
1	8 3/4"	0'	770'
2			
3			

CASING RECORD

SIZE/WGT/THK	FROM (ft)	TO (ft)
4.5"	+3.6'	T.D.

Drill Method: AIR ROTARY
Hole Medium:
Viscosity:

Weight:
Mud Type:
Rm: at: Deg C

Fluid Level (ft) : 479'
Time Since Circ:

Logged by: Michael G. Miller
Witness: J. VICKERS

Unit/Truck: 04

LOG TYPE	RUN NO	SPEED (ft/min)	FROM (ft)	TO (ft)	FT./ IN.
GAMMA	2	20'	761'	3'	20
RESISTIVITY	2	20'	764'	719'	20

Comments:

SLOTS START AT 719' AS SHOWN ON THE RESISTIVITY LOG.

98°02'07" (98.035266) } per WITD em link
30°15'07" (30.251936) }

Gamma
0 CPS 100

Depth
1ft:240ft

R15#2
0 Ohm-m 20

R64#2
0 Ohm-m 20

20 40 60 80 100 120 140

TDLR # 49940 ✓ 54-48-912

GEO CAM

Water Well Logging & Video Recording Services

Geo Cam, Inc. 2038 Adobe Trail San Antonio, TX 210-495-9121

Borehole: T.H. 1-GRANER

Logs: GAMMA, RESISTIVITY

Project: GRANER- LA FRONTERA Date: 11-05-04

Client: THE WELLSPEC CO. County: HAYS

Location: N 30° 15' 07.1", W 98° 02' 06.8" State: TX

Drilling Contractor: BEE CAVE Driller T.D. (ft) : 770'

Elevation: 1,126' Logger T.D. (ft) : 765'

Depth Ref. G.L. ~ 1126 Date Drilled: 11-04-04

BIT RECORD

RUN	BIT SIZE (in)	FROM (ft)	TO (ft)
1	8 3/4"	0'	770'
2			
3			

CASING RECORD

SIZE/WGT/THK	FROM (ft)	TO (ft)
4.5"	+3.6'	T.D.

Drill Method: AIR ROTARY Weight: Fluid Level (ft) : 479'

Hole Medium: Mud Type: Time Since Circ:

Viscosity: Rm: at: Deg C

Logged by: Michael G. Miller Unit/Truck: 04

Witness: J. VICKERS

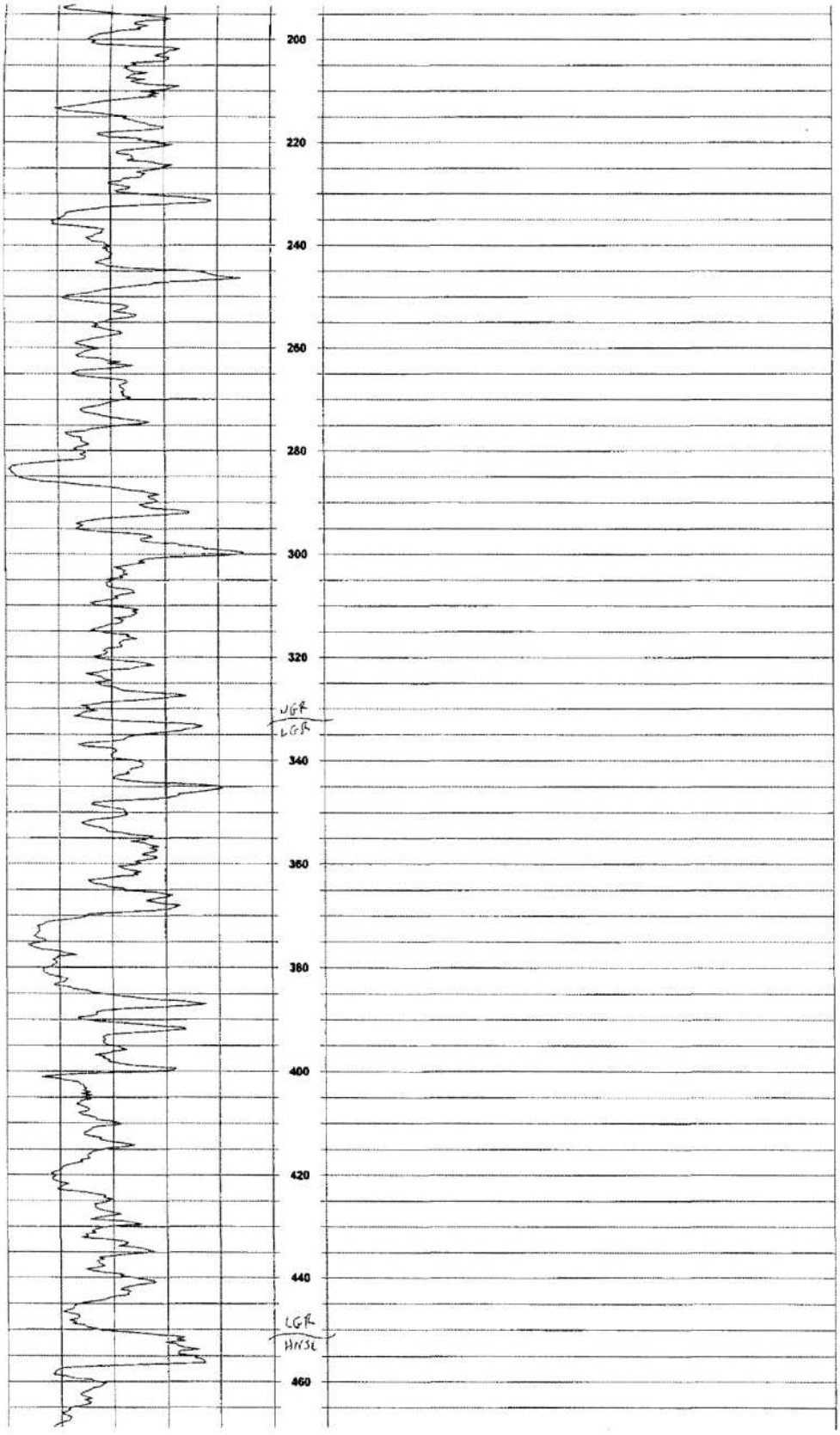
LOG TYPE	RUN NO	SPEED (ft/min)	FROM (ft)	TO (ft)	FT./ IN.
GAMMA	2	20'	761'	3'	20
RESISTIVITY	2	20'	764'	719'	20

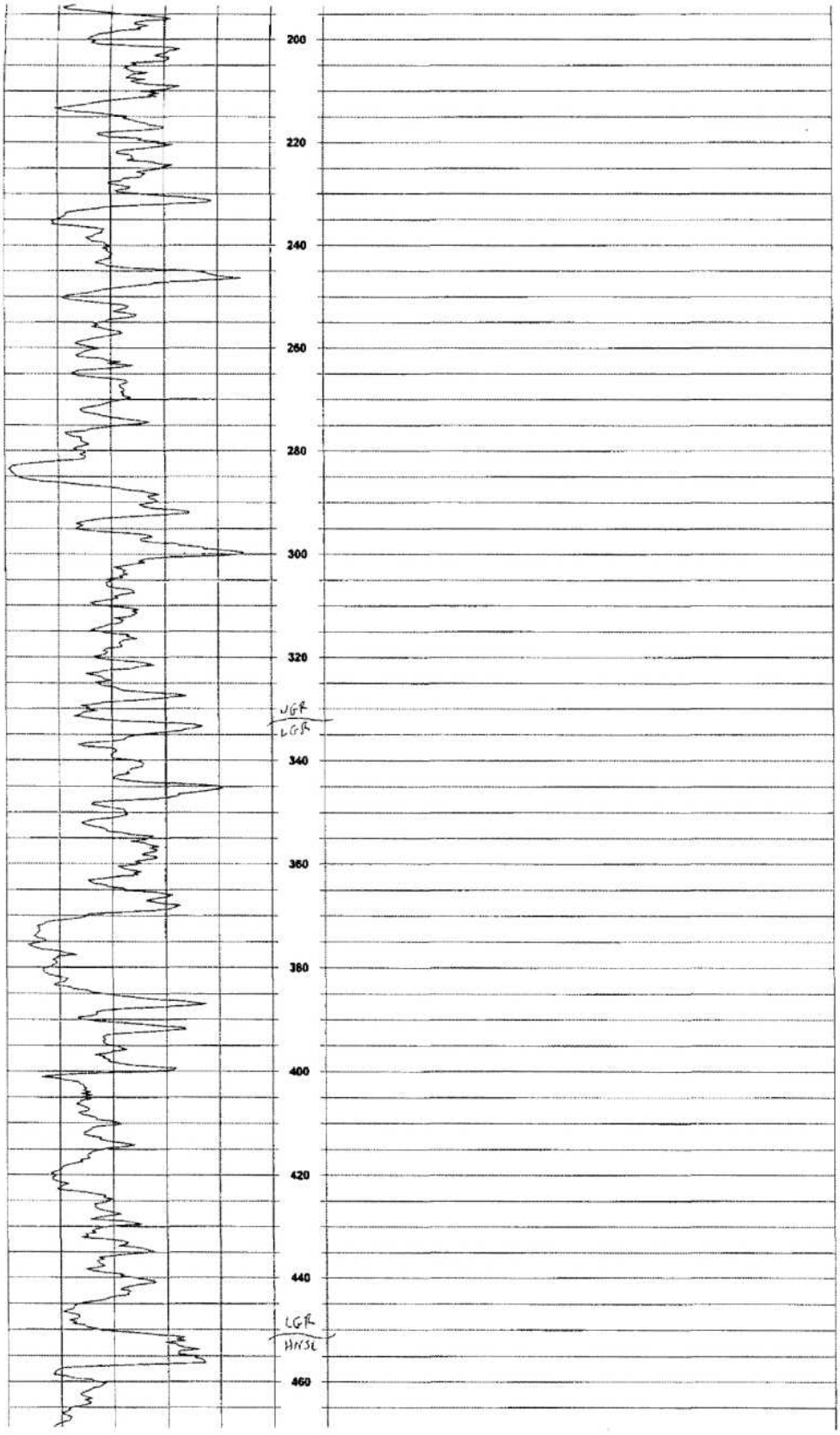
Comments: SLOTS START AT 719' AS SHOWN ON THE RESISTIVITY LOG.

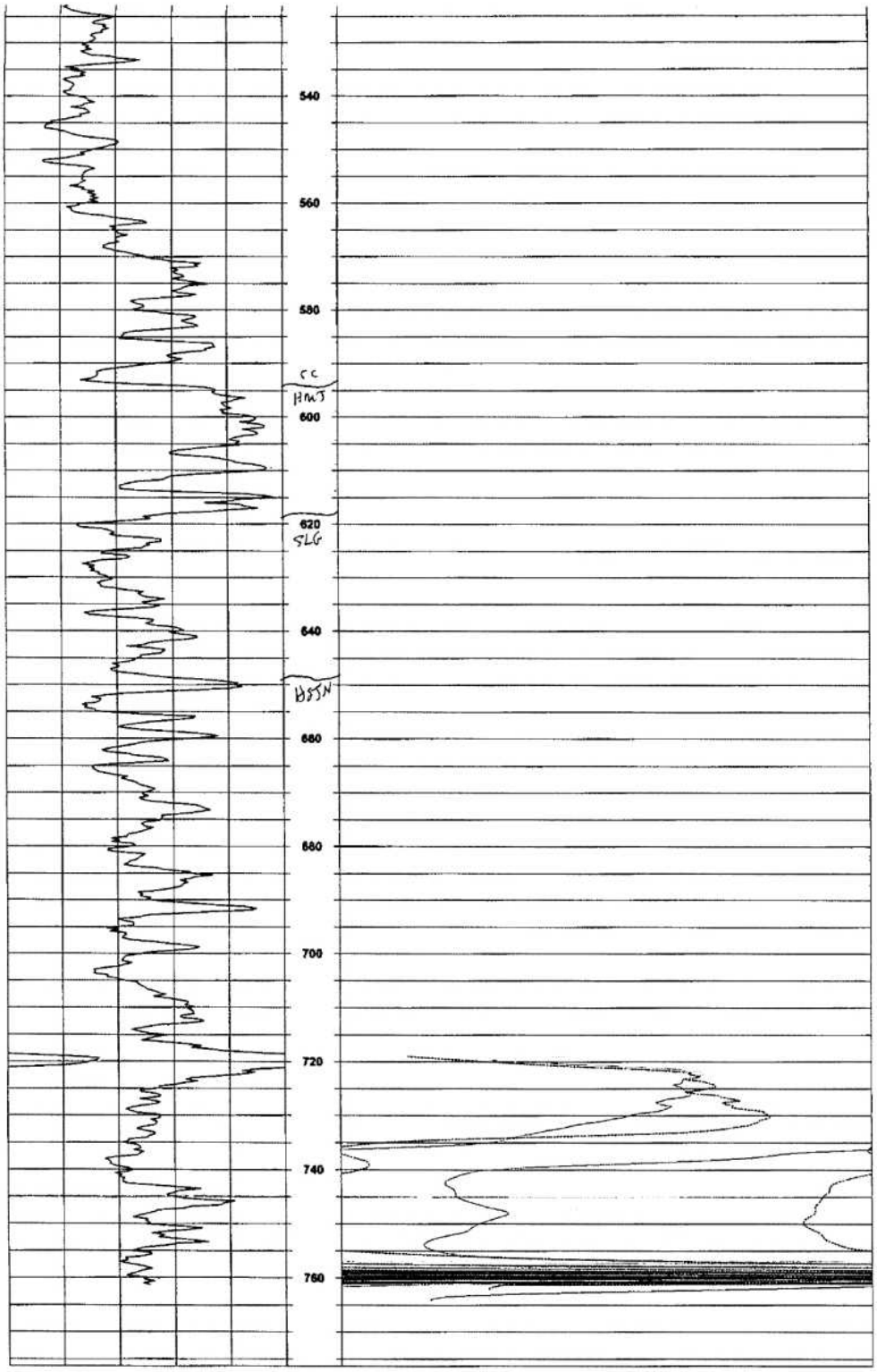
98°02'07" (98.035266) } per WITD em link
30°15'07" (30.251936) }

54-48-912

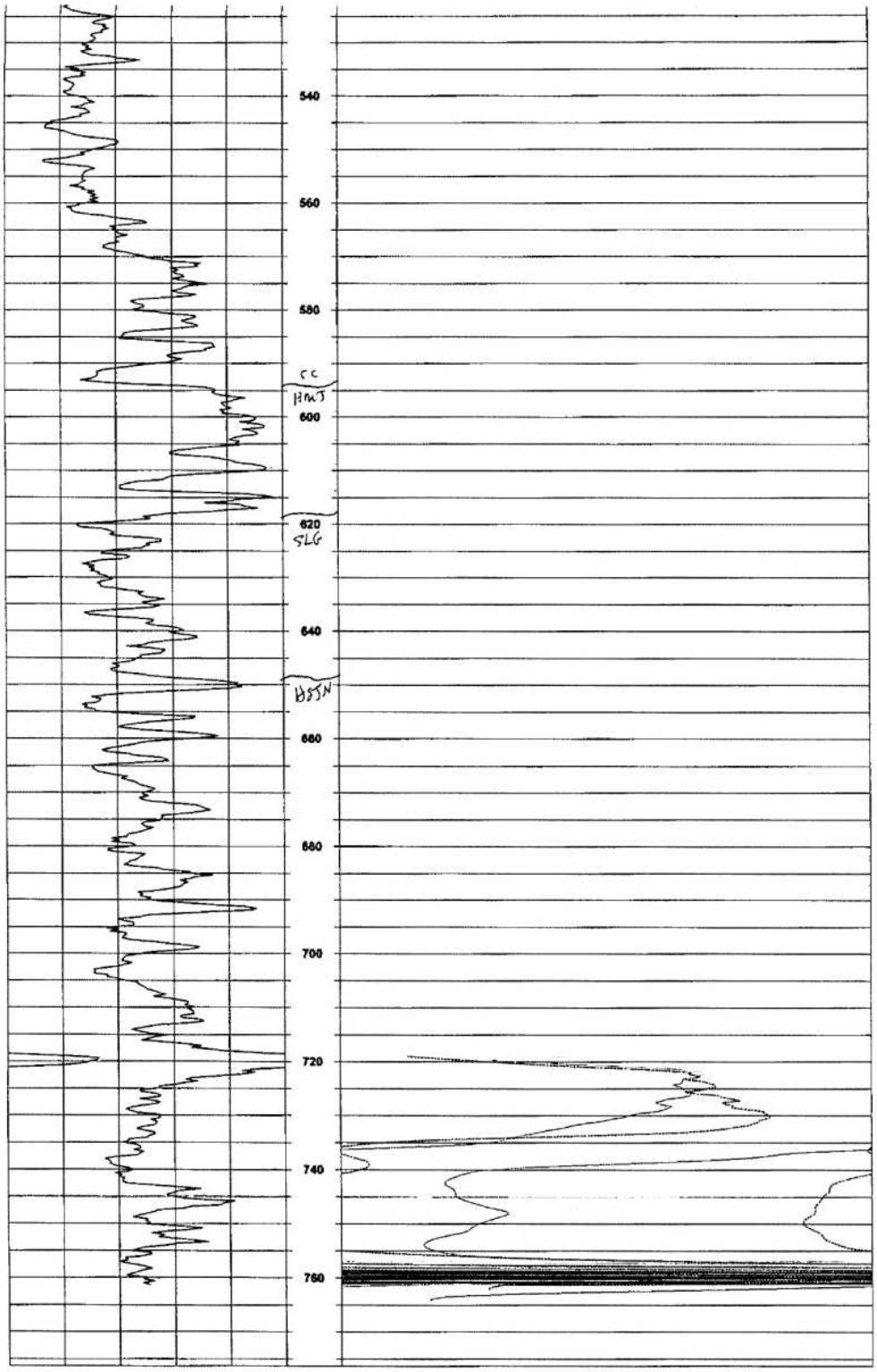
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200
220
240
260
280
300
320
UGR
LGR
340
360
380
400
420
440
LGR
HNSL
460
912


200
220
240
260
280
300
320
UGR
LGR
340
360
380
400
420
440
LGR
HNSL
460
912



912



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TABLE 1
SUMMARY OF TEST WELL CONSTRUCTION
Frontera Subdivision, Hays County, Texas

Test Well	Date Drilled	North Latitude	West Longitude	Elevation Ground Level (feet MSL)	Total Depth (feet BGL)	4.5-inch PVC Casing (feet BGL)	4.5-inch PVC 0.010-in. screen (feet BGL)	Water Level Date Measured	Water Level (feet btoc)	Water Level Elevation (feet MSL)
57-48-911										
PW-1	11/4/2004	30 15' 13.1"	98 02' 04.4"	1,163	770	0 to 695 755 to 770	695 to 755	11/10/2004	509.98 ✓	653.0
OW-1	11/4/2004	30 15' 07.1"	98 02' 06.8"	1,133	770	0 to 724 764 to 770	724 to 764	11/10/2004	473.11	659.9
57-48-912										

Notes: feet MSL – feet above mean sea level
feet BGL = feet below ground level
feet btoc = feet below top of casing
Latitude and Longitude in degrees, minutes and seconds
Elevations are estimates.,

912

TABLE 1
SUMMARY OF TEST WELL CONSTRUCTION
Frontera Subdivision, Hays County, Texas

Test Well	Date Drilled	North Latitude	West Longitude	Elevation Ground Level (feet MSL)	Total Depth (feet BGL)	4.5-inch PVC Casing (feet BGL)	4.5-inch PVC 0.010-in. screen (feet BGL)	Water Level Date Measured	Water Level (feet btoc)	Water Level Elevation (feet MSL)
57-48-911										
PW-1	11/4/2004	30 15' 13.1"	98 02' 04.4"	1,163	770	0 to 695 755 to 770	695 to 755	11/10/2004	509.98 ✓	653.0
OW-1	11/4/2004	30 15' 07.1"	98 02' 06.8"	1,133	770	0 to 724 764 to 770	724 to 764	11/10/2004	473.11	659.9
57-48-912										

Notes: feet MSL – feet above mean sea level
feet BGL = feet below ground level
feet btoc = feet below top of casing
Latitude and Longitude in degrees, minutes and seconds
Elevations are estimates.,

912

Pumping Test Data for Well OW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/10/2004	11:21	0	0	-473.11			Pumping rate at PW-1 = 11 gpm
11/10/2004	11:22	1	0.02	-473.13			
11/10/2004	11:23	2	0.01	-473.12			
11/10/2004	11:24	3	0.01	-473.12			
11/10/2004	11:25	4	0	-473.11			
11/10/2004	11:26	5	0	-473.11			
11/10/2004	11:27	6	0	-473.1			
11/10/2004	11:28	7	0	-473.11			
11/10/2004	11:29	8	0	-473.1			
11/10/2004	11:30	9	0.01	-473.12			
11/10/2004	11:31	10	0	-473.11			
11/10/2004	11:32	11	0	-473.1			
11/10/2004	11:33	12	0	-473.11			
11/10/2004	11:34	13	0	-473.11			
11/10/2004	11:35	14	0	-473.11			
11/10/2004	11:36	15	0	-473.11			
11/10/2004	11:37	16	0	-473.11			
11/10/2004	11:38	17	0	-473.11			
11/10/2004	11:39	18	0	-473.11			
11/10/2004	11:40	19	0.01	-473.12			
11/10/2004	11:41	20	0.01	-473.12			
11/10/2004	11:42	21	0	-473.11			
11/10/2004	11:43	22	0.01	-473.12			
11/10/2004	11:44	23	0	-473.11			
11/10/2004	11:45	24	0	-473.11			
11/10/2004	11:46	25	0	-473.11			
11/10/2004	11:47	26	0	-473.11			
11/10/2004	11:48	27	0	-473.11			
11/10/2004	11:49	28	0.01	-473.12			
11/10/2004	11:50	29	0.02	-473.13			
11/10/2004	11:51	30	0.02	-473.13			
11/10/2004	11:52	31	0.01	-473.12			
11/10/2004	11:53	32	0.01	-473.12			
11/10/2004	11:54	33	0.02	-473.13			
11/10/2004	11:55	34	0.01	-473.12			
11/10/2004	11:56	35	0	-473.11			
11/10/2004	11:57	36	0.14	-473.25			
11/10/2004	11:58	37	0.13	-473.24			
11/10/2004	11:59	38	0.14	-473.25			
11/10/2004	12:00	39	0.13	-473.24			
11/10/2004	12:01	40	0.13	-473.24			

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Pumping Test Data for Well OW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/10/2004	11:21	0	0	-473.11			Pumping rate at PW-1 = 11 gpm
11/10/2004	11:22	1	0.02	-473.13			
11/10/2004	11:23	2	0.01	-473.12			
11/10/2004	11:24	3	0.01	-473.12			
11/10/2004	11:25	4	0	-473.11			
11/10/2004	11:26	5	0	-473.11			
11/10/2004	11:27	6	0	-473.1			
11/10/2004	11:28	7	0	-473.11			
11/10/2004	11:29	8	0	-473.1			
11/10/2004	11:30	9	0.01	-473.12			
11/10/2004	11:31	10	0	-473.11			
11/10/2004	11:32	11	0	-473.1			
11/10/2004	11:33	12	0	-473.11			
11/10/2004	11:34	13	0	-473.11			
11/10/2004	11:35	14	0	-473.11			
11/10/2004	11:36	15	0	-473.11			
11/10/2004	11:37	16	0	-473.11			
11/10/2004	11:38	17	0	-473.11			
11/10/2004	11:39	18	0	-473.11			
11/10/2004	11:40	19	0.01	-473.12			
11/10/2004	11:41	20	0.01	-473.12			
11/10/2004	11:42	21	0	-473.11			
11/10/2004	11:43	22	0.01	-473.12			
11/10/2004	11:44	23	0	-473.11			
11/10/2004	11:45	24	0	-473.11			
11/10/2004	11:46	25	0	-473.11			
11/10/2004	11:47	26	0	-473.11			
11/10/2004	11:48	27	0	-473.11			
11/10/2004	11:49	28	0.01	-473.12			
11/10/2004	11:50	29	0.02	-473.13			
11/10/2004	11:51	30	0.02	-473.13			
11/10/2004	11:52	31	0.01	-473.12			
11/10/2004	11:53	32	0.01	-473.12			
11/10/2004	11:54	33	0.02	-473.13			
11/10/2004	11:55	34	0.01	-473.12			
11/10/2004	11:56	35	0	-473.11			
11/10/2004	11:57	36	0.14	-473.25			
11/10/2004	11:58	37	0.13	-473.24			
11/10/2004	11:59	38	0.14	-473.25			
11/10/2004	12:00	39	0.13	-473.24			
11/10/2004	12:01	40	0.13	-473.24			

57-48-912

Pumping Test Data for Well OW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/10/2004	12:02	41	0.14	-473.25			
11/10/2004	12:03	42	0.14	-473.25			
11/10/2004	12:04	43	0.14	-473.25			
11/10/2004	12:05	44	0.15	-473.26			
11/10/2004	12:06	45	0.13	-473.24			
11/10/2004	12:07	46	0.15	-473.26			
11/10/2004	12:08	47	0.15	-473.26			
11/10/2004	12:09	48	0.15	-473.26			
11/10/2004	12:10	49	0.13	-473.24			
11/10/2004	12:11	50	0.14	-473.25			
11/10/2004	12:12	51	0.15	-473.26			
11/10/2004	12:13	52	0.14	-473.25			
11/10/2004	12:14	53	0.14	-473.25			
11/10/2004	12:15	54	0.15	-473.26			
11/10/2004	12:16	55	0.15	-473.26			
11/10/2004	12:17	56	0.15	-473.26			
11/10/2004	12:18	57	0.15	-473.26			
11/10/2004	12:19	58	0.15	-473.26			
11/10/2004	12:20	59	0.15	-473.26			
11/10/2004	12:21	60	0.16	-473.27			
11/10/2004	12:26	65	0.15	-473.26			
11/10/2004	12:31	70	0.15	-473.26			
11/10/2004	12:36	75	0.15	-473.26			
11/10/2004	12:41	80	0.14	-473.25			
11/10/2004	12:46	85	0.16	-473.27			
11/10/2004	12:51	90	0.15	-473.26			
11/10/2004	12:56	95	0.15	-473.26			
11/10/2004	13:01	100	0.15	-473.26			
11/10/2004	13:06	105	0.16	-473.27			
11/10/2004	13:11	110	0.15	-473.26			
11/10/2004	13:16	115	0.15	-473.26			
11/10/2004	13:21	120	0.15	-473.26			
11/10/2004	13:31	130	0.16	-473.27			
11/10/2004	13:41	140	0.17	-473.28			
11/10/2004	13:51	150	0.15	-473.26			
11/10/2004	14:01	160	0.16	-473.27			
11/10/2004	14:11	170	0.14	-473.25			
11/10/2004	14:21	180	0.12	-473.23			
11/10/2004	14:31	190	0.11	-473.22			
11/10/2004	14:41	200	0.12	-473.23			
11/10/2004	14:51	210	0.14	-473.25			

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Pumping Test Data for Well OW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/10/2004	12:02	41	0.14	-473.25			
11/10/2004	12:03	42	0.14	-473.25			
11/10/2004	12:04	43	0.14	-473.25			
11/10/2004	12:05	44	0.15	-473.26			
11/10/2004	12:06	45	0.13	-473.24			
11/10/2004	12:07	46	0.15	-473.26			
11/10/2004	12:08	47	0.15	-473.26			
11/10/2004	12:09	48	0.15	-473.26			
11/10/2004	12:10	49	0.13	-473.24			
11/10/2004	12:11	50	0.14	-473.25			
11/10/2004	12:12	51	0.15	-473.26			
11/10/2004	12:13	52	0.14	-473.25			
11/10/2004	12:14	53	0.14	-473.25			
11/10/2004	12:15	54	0.15	-473.26			
11/10/2004	12:16	55	0.15	-473.26			
11/10/2004	12:17	56	0.15	-473.26			
11/10/2004	12:18	57	0.15	-473.26			
11/10/2004	12:19	58	0.15	-473.26			
11/10/2004	12:20	59	0.15	-473.26			
11/10/2004	12:21	60	0.16	-473.27			
11/10/2004	12:26	65	0.15	-473.26			
11/10/2004	12:31	70	0.15	-473.26			
11/10/2004	12:36	75	0.15	-473.26			
11/10/2004	12:41	80	0.14	-473.25			
11/10/2004	12:46	85	0.16	-473.27			
11/10/2004	12:51	90	0.15	-473.26			
11/10/2004	12:56	95	0.15	-473.26			
11/10/2004	13:01	100	0.15	-473.26			
11/10/2004	13:06	105	0.16	-473.27			
11/10/2004	13:11	110	0.15	-473.26			
11/10/2004	13:16	115	0.15	-473.26			
11/10/2004	13:21	120	0.15	-473.26			
11/10/2004	13:31	130	0.16	-473.27			
11/10/2004	13:41	140	0.17	-473.28			
11/10/2004	13:51	150	0.15	-473.26			
11/10/2004	14:01	160	0.16	-473.27			
11/10/2004	14:11	170	0.14	-473.25			
11/10/2004	14:21	180	0.12	-473.23			
11/10/2004	14:31	190	0.11	-473.22			
11/10/2004	14:41	200	0.12	-473.23			
11/10/2004	14:51	210	0.14	-473.25			

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Pumping Test Data for Well OW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/10/2004	15:01	220	0.17	-473.28			
11/10/2004	15:11	230	0.17	-473.28			
11/10/2004	15:21	240	0.19	-473.3			
11/10/2004	15:31	250	0.2	-473.31			
11/10/2004	15:41	260	0.19	-473.3			
11/10/2004	15:51	270	0.2	-473.31			
11/10/2004	16:01	280	0.21	-473.32			
11/10/2004	16:11	290	0.19	-473.3			
11/10/2004	16:21	300	0.19	-473.3			
11/10/2004	16:51	330	0.21	-473.32			
11/10/2004	17:21	360	0.22	-473.33			
11/10/2004	17:51	390	0.24	-473.35			
11/10/2004	18:21	420	0.27	-473.38			
11/10/2004	18:51	450	0.31	-473.42			
11/10/2004	19:21	480	0.35	-473.46			
11/10/2004	19:51	510	0.46	-473.57			
11/10/2004	20:21	540	0.48	-473.59			
11/10/2004	20:51	570	0.55	-473.66			
11/10/2004	21:21	600	0.59	-473.7			
11/10/2004	22:21	660	0.61	-473.72			
11/10/2004	23:21	720	0.61	-473.72			
11/11/2004	0:21	780	0.61	-473.72			
11/11/2004	1:21	840	0.66	-473.77			
11/11/2004	2:21	900	0.69	-473.8			
11/11/2004	3:21	960	0.64	-473.75			
11/11/2004	4:21	1020	0.61	-473.72			
11/11/2004	5:21	1080	0.61	-473.72			
11/11/2004	6:21	1140	0.6	-473.71			
11/11/2004	7:21	1200	0.62	-473.73			
11/11/2004	8:21	1260	0.76	-473.87			
11/11/2004	9:21	1320	0.83	-473.94			
11/11/2004	10:21	1380	0.88	-473.99			
11/11/2004	11:21	1440	0.95	-474.06			
11/11/2004	11:30	1449	0.99	-474.1	0	0.00	
11/11/2004	11:31	1450	0.98	-474.09	1	0.01	
11/11/2004	11:32	1451	0.98	-474.09	2	0.01	
11/11/2004	11:33	1452	0.99	-474.1	3	0.00	
11/11/2004	11:34	1453	0.98	-474.09	4	0.01	
11/11/2004	11:35	1454	1	-474.11	5	0.00	
11/11/2004	11:36	1455	0.98	-474.09	6	0.01	
11/11/2004	11:37	1456	0.99	-474.1	7	0.00	

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Pumping Test Data for Well OW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/10/2004	15:01	220	0.17	-473.28			
11/10/2004	15:11	230	0.17	-473.28			
11/10/2004	15:21	240	0.19	-473.3			
11/10/2004	15:31	250	0.2	-473.31			
11/10/2004	15:41	260	0.19	-473.3			
11/10/2004	15:51	270	0.2	-473.31			
11/10/2004	16:01	280	0.21	-473.32			
11/10/2004	16:11	290	0.19	-473.3			
11/10/2004	16:21	300	0.19	-473.3			
11/10/2004	16:51	330	0.21	-473.32			
11/10/2004	17:21	360	0.22	-473.33			
11/10/2004	17:51	390	0.24	-473.35			
11/10/2004	18:21	420	0.27	-473.38			
11/10/2004	18:51	450	0.31	-473.42			
11/10/2004	19:21	480	0.35	-473.46			
11/10/2004	19:51	510	0.46	-473.57			
11/10/2004	20:21	540	0.48	-473.59			
11/10/2004	20:51	570	0.55	-473.66			
11/10/2004	21:21	600	0.59	-473.7			
11/10/2004	22:21	660	0.61	-473.72			
11/10/2004	23:21	720	0.61	-473.72			
11/11/2004	0:21	780	0.61	-473.72			
11/11/2004	1:21	840	0.66	-473.77			
11/11/2004	2:21	900	0.69	-473.8			
11/11/2004	3:21	960	0.64	-473.75			
11/11/2004	4:21	1020	0.61	-473.72			
11/11/2004	5:21	1080	0.61	-473.72			
11/11/2004	6:21	1140	0.6	-473.71			
11/11/2004	7:21	1200	0.62	-473.73			
11/11/2004	8:21	1260	0.76	-473.87			
11/11/2004	9:21	1320	0.83	-473.94			
11/11/2004	10:21	1380	0.88	-473.99			
11/11/2004	11:21	1440	0.95	-474.06			
11/11/2004	11:30	1449	0.99	-474.1	0	0.00	
11/11/2004	11:31	1450	0.98	-474.09	1	0.01	
11/11/2004	11:32	1451	0.98	-474.09	2	0.01	
11/11/2004	11:33	1452	0.99	-474.1	3	0.00	
11/11/2004	11:34	1453	0.98	-474.09	4	0.01	
11/11/2004	11:35	1454	1	-474.11	5	0.00	
11/11/2004	11:36	1455	0.98	-474.09	6	0.01	
11/11/2004	11:37	1456	0.99	-474.1	7	0.00	

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Pumping Test Data for Well OW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/11/2004	11:38	1457	0.99	-474.1	8	0.00	
11/11/2004	11:39	1458	0.99	-474.1	9	0.00	
11/11/2004	11:40	1459	0.99	-474.1	10	0.00	
11/11/2004	11:41	1460	0.99	-474.1	11	0.00	
11/11/2004	11:42	1461	0.99	-474.1	12	0.00	
11/11/2004	11:43	1462	1	-474.11	13	0.00	
11/11/2004	11:44	1463	1	-474.11	14	0.00	
11/11/2004	11:45	1464	0.99	-474.1	15	0.00	
11/11/2004	11:46	1465	0.99	-474.1	16	0.00	
11/11/2004	11:47	1466	0.99	-474.1	17	0.00	
11/11/2004	11:48	1467	1	-474.11	18	0.00	
11/11/2004	11:49	1468	1	-474.11	19	0.00	
11/11/2004	11:50	1469	1	-474.11	20	0.00	
11/11/2004	11:51	1470	1	-474.11	21	0.00	
11/11/2004	11:52	1471	1	-474.11	22	0.00	
11/11/2004	11:53	1472	1	-474.11	23	0.00	
11/11/2004	11:54	1473	0.99	-474.1	24	0.00	
11/11/2004	11:55	1474	0.99	-474.1	25	0.00	
11/11/2004	11:56	1475	0.99	-474.1	26	0.00	
11/11/2004	11:57	1476	0.99	-474.1	27	0.00	
11/11/2004	11:58	1477	0.99	-474.1	28	0.00	
11/11/2004	11:59	1478	0.98	-474.09	29	0.01	
11/11/2004	12:00	1479	0.97	-474.08	30	0.02	
11/11/2004	12:01	1480	0.98	-474.09	31	0.01	
11/11/2004	12:02	1481	0.97	-474.08	32	0.02	
11/11/2004	12:03	1482	0.98	-474.09	33	0.01	
11/11/2004	12:04	1483	0.98	-474.09	34	0.01	
11/11/2004	12:05	1484	0.98	-474.09	35	0.01	
11/11/2004	12:06	1485	0.97	-474.08	36	0.02	
11/11/2004	12:07	1486	0.96	-474.07	37	0.03	
11/11/2004	12:08	1487	0.97	-474.08	38	0.02	
11/11/2004	12:09	1488	0.96	-474.07	39	0.03	
11/11/2004	12:10	1489	0.97	-474.08	40	0.02	
11/11/2004	12:11	1490	0.96	-474.07	41	0.03	
11/11/2004	12:12	1491	0.95	-474.06	42	0.04	
11/11/2004	12:13	1492	0.96	-474.07	43	0.03	
11/11/2004	12:14	1493	0.95	-474.06	44	0.04	
11/11/2004	12:15	1494	0.97	-474.08	45	0.02	
11/11/2004	12:16	1495	0.94	-474.05	46	0.05	
11/11/2004	12:17	1496	0.95	-474.06	47	0.04	
11/11/2004	12:18	1497	0.95	-474.06	48	0.04	

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Pumping Test Data for Well OW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/11/2004	11:38	1457	0.99	-474.1	8	0.00	
11/11/2004	11:39	1458	0.99	-474.1	9	0.00	
11/11/2004	11:40	1459	0.99	-474.1	10	0.00	
11/11/2004	11:41	1460	0.99	-474.1	11	0.00	
11/11/2004	11:42	1461	0.99	-474.1	12	0.00	
11/11/2004	11:43	1462	1	-474.11	13	0.00	
11/11/2004	11:44	1463	1	-474.11	14	0.00	
11/11/2004	11:45	1464	0.99	-474.1	15	0.00	
11/11/2004	11:46	1465	0.99	-474.1	16	0.00	
11/11/2004	11:47	1466	0.99	-474.1	17	0.00	
11/11/2004	11:48	1467	1	-474.11	18	0.00	
11/11/2004	11:49	1468	1	-474.11	19	0.00	
11/11/2004	11:50	1469	1	-474.11	20	0.00	
11/11/2004	11:51	1470	1	-474.11	21	0.00	
11/11/2004	11:52	1471	1	-474.11	22	0.00	
11/11/2004	11:53	1472	1	-474.11	23	0.00	
11/11/2004	11:54	1473	0.99	-474.1	24	0.00	
11/11/2004	11:55	1474	0.99	-474.1	25	0.00	
11/11/2004	11:56	1475	0.99	-474.1	26	0.00	
11/11/2004	11:57	1476	0.99	-474.1	27	0.00	
11/11/2004	11:58	1477	0.99	-474.1	28	0.00	
11/11/2004	11:59	1478	0.98	-474.09	29	0.01	
11/11/2004	12:00	1479	0.97	-474.08	30	0.02	
11/11/2004	12:01	1480	0.98	-474.09	31	0.01	
11/11/2004	12:02	1481	0.97	-474.08	32	0.02	
11/11/2004	12:03	1482	0.98	-474.09	33	0.01	
11/11/2004	12:04	1483	0.98	-474.09	34	0.01	
11/11/2004	12:05	1484	0.98	-474.09	35	0.01	
11/11/2004	12:06	1485	0.97	-474.08	36	0.02	
11/11/2004	12:07	1486	0.96	-474.07	37	0.03	
11/11/2004	12:08	1487	0.97	-474.08	38	0.02	
11/11/2004	12:09	1488	0.96	-474.07	39	0.03	
11/11/2004	12:10	1489	0.97	-474.08	40	0.02	
11/11/2004	12:11	1490	0.96	-474.07	41	0.03	
11/11/2004	12:12	1491	0.95	-474.06	42	0.04	
11/11/2004	12:13	1492	0.96	-474.07	43	0.03	
11/11/2004	12:14	1493	0.95	-474.06	44	0.04	
11/11/2004	12:15	1494	0.97	-474.08	45	0.02	
11/11/2004	12:16	1495	0.94	-474.05	46	0.05	
11/11/2004	12:17	1496	0.95	-474.06	47	0.04	
11/11/2004	12:18	1497	0.95	-474.06	48	0.04	

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Pumping Test Data for Well OW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/11/2004	12:19	1498	0.95	-474.06	49	0.04	
11/11/2004	12:20	1499	0.95	-474.06	50	0.04	
11/11/2004	12:21	1500	0.94	-474.05	51	0.05	
11/11/2004	12:22	1501	0.94	-474.05	52	0.05	
11/11/2004	12:23	1502	0.94	-474.05	53	0.05	
11/11/2004	12:24	1503	0.94	-474.05	54	0.05	
11/11/2004	12:25	1504	0.94	-474.05	55	0.05	
11/11/2004	12:26	1505	0.95	-474.06	56	0.04	
11/11/2004	12:27	1506	0.93	-474.04	57	0.06	
11/11/2004	12:28	1507	0.94	-474.05	58	0.05	
11/11/2004	12:29	1508	0.94	-474.05	59	0.05	
11/11/2004	12:30	1509	0.94	-474.05	60	0.05	
11/11/2004	12:35	1514	0.92	-474.03	65	0.07	
11/11/2004	12:40	1519	0.91	-474.02	70	0.08	
11/11/2004	12:45	1524	0.9	-474.01	75	0.09	
11/11/2004	12:50	1529	0.89	-474	80	0.10	
11/11/2004	12:55	1534	0.89	-474	85	0.10	
11/11/2004	13:00	1539	0.87	-473.98	90	0.12	
11/11/2004	13:05	1544	0.86	-473.97	95	0.13	
11/11/2004	13:10	1549	0.84	-473.95	100	0.15	
11/11/2004	13:15	1554	0.83	-473.94	105	0.16	
11/11/2004	13:20	1559	0.82	-473.93	110	0.17	
11/11/2004	13:25	1564	0.81	-473.92	115	0.18	
11/11/2004	13:30	1569	0.8	-473.91	120	0.19	
11/11/2004	13:40	1579	0.79	-473.9	130	0.20	
11/11/2004	13:50	1589	0.77	-473.88	140	0.22	
11/11/2004	14:00	1599	0.74	-473.85	150	0.25	
11/11/2004	14:10	1609	0.71	-473.82	160	0.28	
11/11/2004	14:20	1619	0.69	-473.8	170	0.30	
11/11/2004	14:30	1629	0.66	-473.77	180	0.33	
11/11/2004	14:40	1639	0.64	-473.75	190	0.35	
11/11/2004	14:50	1649	0.62	-473.73	200	0.37	
11/11/2004	15:00	1659	0.6	-473.71	210	0.39	
11/11/2004	15:10	1669	0.58	-473.69	220	0.41	
11/11/2004	15:20	1679	0.57	-473.68	230	0.42	
11/11/2004	15:30	1689	0.56	-473.67	240	0.43	
11/11/2004	15:40	1699	0.53	-473.64	250	0.46	
11/11/2004	15:50	1709	0.52	-473.63	260	0.47	
11/11/2004	16:00	1719	0.5	-473.61	270	0.49	
11/11/2004	16:10	1729	0.49	-473.6	280	0.50	
11/11/2004	16:20	1739	0.47	-473.58	290	0.52	

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Pumping Test Data for Well OW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/11/2004	12:19	1498	0.95	-474.06	49	0.04	
11/11/2004	12:20	1499	0.95	-474.06	50	0.04	
11/11/2004	12:21	1500	0.94	-474.05	51	0.05	
11/11/2004	12:22	1501	0.94	-474.05	52	0.05	
11/11/2004	12:23	1502	0.94	-474.05	53	0.05	
11/11/2004	12:24	1503	0.94	-474.05	54	0.05	
11/11/2004	12:25	1504	0.94	-474.05	55	0.05	
11/11/2004	12:26	1505	0.95	-474.06	56	0.04	
11/11/2004	12:27	1506	0.93	-474.04	57	0.06	
11/11/2004	12:28	1507	0.94	-474.05	58	0.05	
11/11/2004	12:29	1508	0.94	-474.05	59	0.05	
11/11/2004	12:30	1509	0.94	-474.05	60	0.05	
11/11/2004	12:35	1514	0.92	-474.03	65	0.07	
11/11/2004	12:40	1519	0.91	-474.02	70	0.08	
11/11/2004	12:45	1524	0.9	-474.01	75	0.09	
11/11/2004	12:50	1529	0.89	-474	80	0.10	
11/11/2004	12:55	1534	0.89	-474	85	0.10	
11/11/2004	13:00	1539	0.87	-473.98	90	0.12	
11/11/2004	13:05	1544	0.86	-473.97	95	0.13	
11/11/2004	13:10	1549	0.84	-473.95	100	0.15	
11/11/2004	13:15	1554	0.83	-473.94	105	0.16	
11/11/2004	13:20	1559	0.82	-473.93	110	0.17	
11/11/2004	13:25	1564	0.81	-473.92	115	0.18	
11/11/2004	13:30	1569	0.8	-473.91	120	0.19	
11/11/2004	13:40	1579	0.79	-473.9	130	0.20	
11/11/2004	13:50	1589	0.77	-473.88	140	0.22	
11/11/2004	14:00	1599	0.74	-473.85	150	0.25	
11/11/2004	14:10	1609	0.71	-473.82	160	0.28	
11/11/2004	14:20	1619	0.69	-473.8	170	0.30	
11/11/2004	14:30	1629	0.66	-473.77	180	0.33	
11/11/2004	14:40	1639	0.64	-473.75	190	0.35	
11/11/2004	14:50	1649	0.62	-473.73	200	0.37	
11/11/2004	15:00	1659	0.6	-473.71	210	0.39	
11/11/2004	15:10	1669	0.58	-473.69	220	0.41	
11/11/2004	15:20	1679	0.57	-473.68	230	0.42	
11/11/2004	15:30	1689	0.56	-473.67	240	0.43	
11/11/2004	15:40	1699	0.53	-473.64	250	0.46	
11/11/2004	15:50	1709	0.52	-473.63	260	0.47	
11/11/2004	16:00	1719	0.5	-473.61	270	0.49	
11/11/2004	16:10	1729	0.49	-473.6	280	0.50	
11/11/2004	16:20	1739	0.47	-473.58	290	0.52	

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Pumping Test Data for Well OW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/11/2004	16:30	1749	0.45	-473.56	300	0.54	
11/11/2004	17:00	1779	0.45	-473.56	330	0.54	
11/11/2004	17:30	1809	0.46	-473.57	360	0.53	
11/11/2004	18:00	1839	0.49	-473.6	390	0.50	
11/11/2004	18:30	1869	0.54	-473.65	420	0.45	
11/11/2004	19:00	1899	0.54	-473.65	450	0.45	
11/11/2004	19:30	1929	0.55	-473.66	480	0.44	
11/11/2004	20:00	1959	0.54	-473.65	510	0.45	
11/11/2004	20:30	1989	0.56	-473.67	540	0.43	
11/11/2004	21:00	2019	0.55	-473.66	570	0.44	
11/11/2004	21:30	2049	0.59	-473.7	600	0.40	
11/11/2004	22:30	2109	0.61	-473.72	660	0.38	
11/11/2004	23:30	2169	0.57	-473.68	720	0.42	
11/12/2004	0:30	2229	0.5	-473.61	780	0.49	
11/12/2004	1:30	2289	0.38	-473.49	840	0.61	
11/12/2004	2:30	2349	0.28	-473.39	900	0.71	
11/12/2004	3:30	2409	0.2	-473.31	960	0.79	
11/12/2004	4:30	2469	0.17	-473.28	1020	0.82	
11/12/2004	5:30	2529	0.07	-473.18	1080	0.92	
11/12/2004	6:30	2589	0.05	-473.16	1140	0.94	
11/12/2004	7:30	2649	0.05	-473.16	1200	0.94	
11/12/2004	8:30	2709	0.06	-473.17	1260	0.93	
11/12/2004	9:30	2769	0.19	-473.3	1320	0.80	
11/12/2004	10:30	2829	0.23	-473.34	1380	0.76	
11/12/2004	11:30	2889	0.24	-473.35	1440	0.75	

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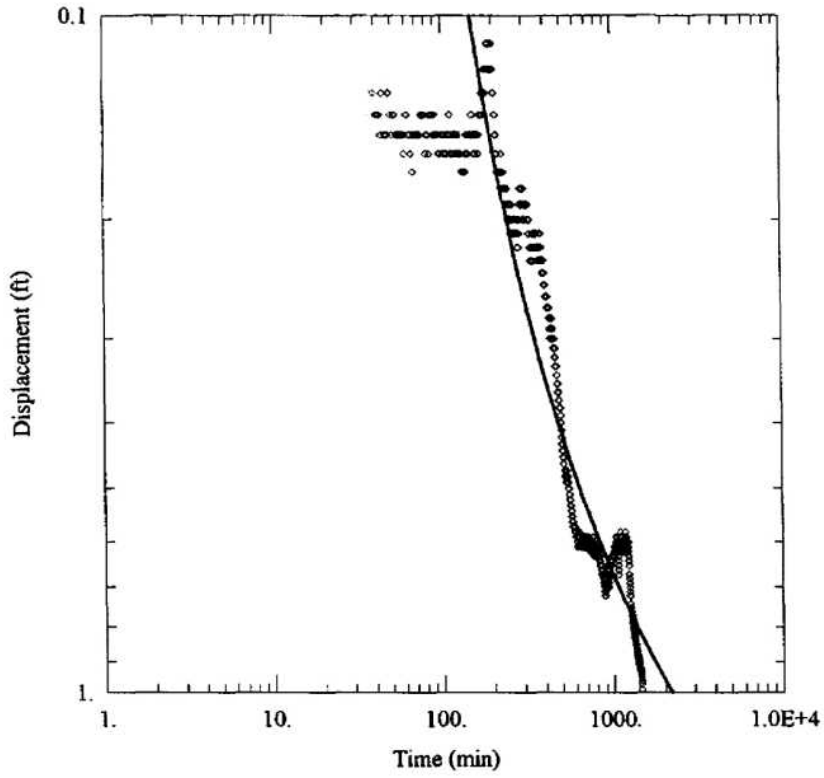
APP000234

Pumping Test Data for Well OW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/11/2004	16:30	1749	0.45	-473.56	300	0.54	
11/11/2004	17:00	1779	0.45	-473.56	330	0.54	
11/11/2004	17:30	1809	0.46	-473.57	360	0.53	
11/11/2004	18:00	1839	0.49	-473.6	390	0.50	
11/11/2004	18:30	1869	0.54	-473.65	420	0.45	
11/11/2004	19:00	1899	0.54	-473.65	450	0.45	
11/11/2004	19:30	1929	0.55	-473.66	480	0.44	
11/11/2004	20:00	1959	0.54	-473.65	510	0.45	
11/11/2004	20:30	1989	0.56	-473.67	540	0.43	
11/11/2004	21:00	2019	0.55	-473.66	570	0.44	
11/11/2004	21:30	2049	0.59	-473.7	600	0.40	
11/11/2004	22:30	2109	0.61	-473.72	660	0.38	
11/11/2004	23:30	2169	0.57	-473.68	720	0.42	
11/12/2004	0:30	2229	0.5	-473.61	780	0.49	
11/12/2004	1:30	2289	0.38	-473.49	840	0.61	
11/12/2004	2:30	2349	0.28	-473.39	900	0.71	
11/12/2004	3:30	2409	0.2	-473.31	960	0.79	
11/12/2004	4:30	2469	0.17	-473.28	1020	0.82	
11/12/2004	5:30	2529	0.07	-473.18	1080	0.92	
11/12/2004	6:30	2589	0.05	-473.16	1140	0.94	
11/12/2004	7:30	2649	0.05	-473.16	1200	0.94	
11/12/2004	8:30	2709	0.06	-473.17	1260	0.93	
11/12/2004	9:30	2769	0.19	-473.3	1320	0.80	
11/12/2004	10:30	2829	0.23	-473.34	1380	0.76	
11/12/2004	11:30	2889	0.24	-473.35	1440	0.75	

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APP000235



DRAWDOWN AT OW-1

Data Set: C:\BGS\WellSpec\Frontera\ow-1ddT.aqt
Date: 12/12/04 Time: 14:59:24

PROJECT INFORMATION

Company: The Wellspec Company
Client: W. Graner
Project: Frontera Subdivision
Location: Hays County
Test Well:. PW-1
Test Date: November 10 - 12, 2004

WELL DATA

Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
PW 1	0	0	◦ OW 1	0	660

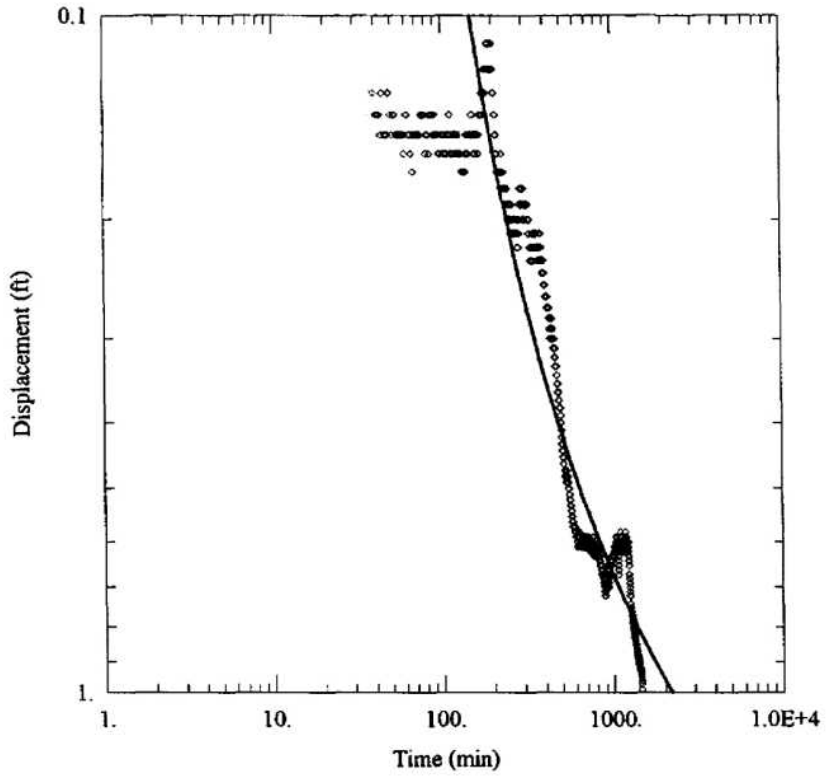
SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 2726.5 gal/day/ft
S = 0.0003516
Kz/Kr = 1.
b = 200. ft

57-48-912

APP000236



DRAWDOWN AT OW-1

Data Set: C:\BGS\WellSpec\Frontera\ow-1ddT.aqt
Date: 12/12/04 Time: 14:59:24

PROJECT INFORMATION

Company: The Wellspec Company
Client: W. Graner
Project: Frontera Subdivision
Location: Hays County
Test Well:. PW-1
Test Date: November 10 - 12, 2004

WELL DATA

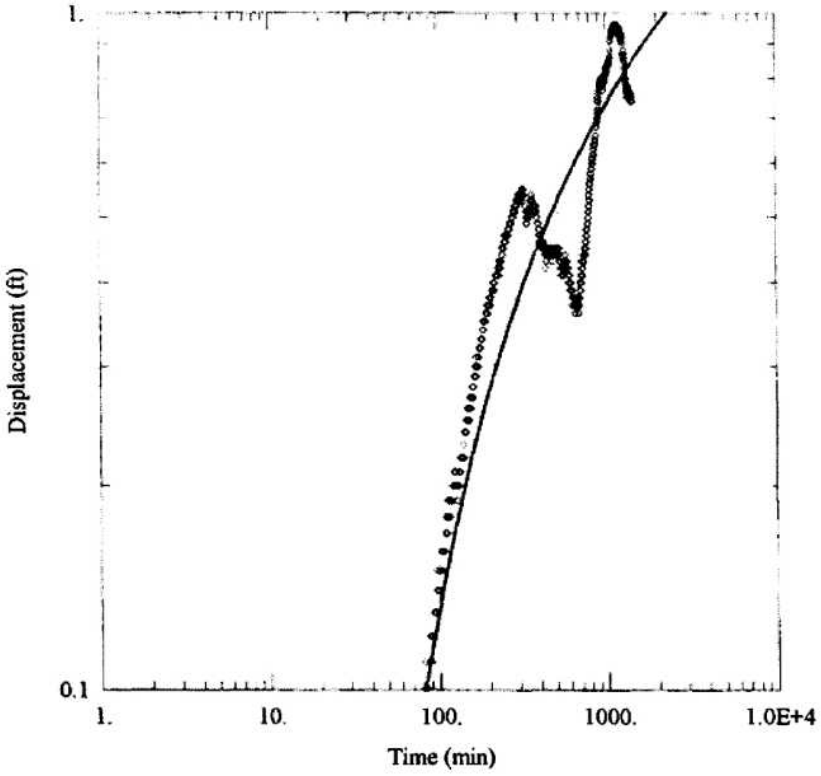
Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
PW 1	0	0	◦ OW 1	0	660

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 2726.5 gal/day/ft
S = 0.0003516
Kz/Kr = 1.
b = 200. ft

57-48-912



RECOVERY AT OW-1

Data Set: C:\BGS\WellSpec\Frontera\ow-1recT.aqt
Date: 12/12/04 Time: 14:58:51

PROJECT INFORMATION

Company: The Wellspec Company
Client: W. Graner
Project: Frontera Subdivision
Location: Hays County
Test Well: PW-1
Test Date: November 10 - 12, 2004

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
PW 1	0	0

Observation Wells

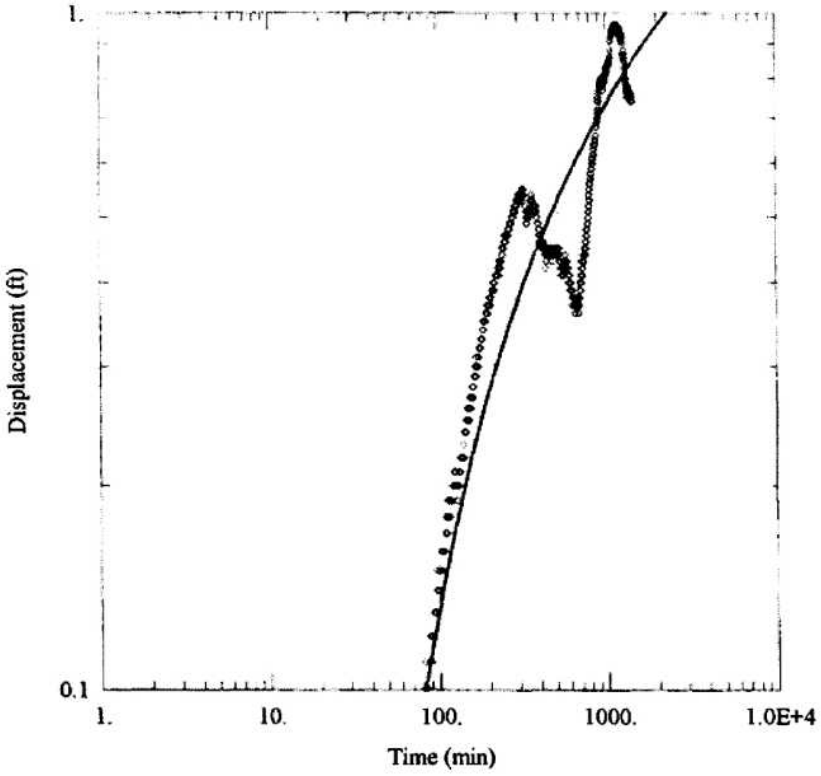
Well Name	X (ft)	Y (ft)
◦ OW 1	0	660

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 3770.6 gal/day/ft
S = 0.0002157
Kz/Kr = 1.
b = 200. ft

5748 912



RECOVERY AT OW-1

Data Set: C:\BGS\WellSpec\Frontera\ow-1recT.aqt
Date: 12/12/04 Time: 14:58:51

PROJECT INFORMATION

Company: The Wellspec Company
Client: W. Graner
Project: Frontera Subdivision
Location: Hays County
Test Well: PW-1
Test Date: November 10 - 12, 2004

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
PW 1	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
◦ OW 1	0	660

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 3770.6 gal/day/ft
S = 0.0002157
Kz/Kr = 1.
b = 200. ft

5748 912

TABLE 2
SUMMARY OF PUMPING TEST RESULTS
Frontera Subdivision, Hays County, Texas

Well	Max. Drawdown at 11 gpm (feet)	TRANSMISSIVITY (T) (gallons/day/foot)		STORATIVITY (S) (unitless)	
		Estimate from Drawdown	Estimate from Recovery	Estimate from Drawdown	Estimate from Recovery
57-48-911 PW	20.2	1,200	1,300	0.04	0.01
OW 57-48-912	3.3	2,700	3,700	0.0004	0.0002

57 48 912

TABLE 2
SUMMARY OF PUMPING TEST RESULTS
Frontera Subdivision, Hays County, Texas

Well	Max. Drawdown at 11 gpm (feet)	TRANSMISSIVITY (T) (gallons/day/foot)		STORATIVITY (S) (unitless)	
		Estimate from Drawdown	Estimate from Recovery	Estimate from Drawdown	Estimate from Recovery
57-48-711 PW	20.2	1,200	1,300	0.04	0.01
OW 57-48-712	3.3	2,700	3,700	0.0004	0.0002

57 48 712

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
31	2 of 2	WNW	0.62 / 3,294.39	WALT GRANER 11951 BONHAM RANCH RD. DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO:	49940
Date Submitted:	2004-12-14
Owner Name:	WALT GRANER
Owner Address:	3006 BEE CAVES RD. B 160
Owner Address2:	
Owner City:	AUSTIN
Owner State:	TX
Owner Zip:	78746
County:	Hays
Type of Work:	New Well
Typ of Wrk Oth Descr:	
Proposed Use:	Domestic
Prop Use Oth Descr:	
Latitude:	30.251945
Longitude:	-98.035278
Drilling Date Started:	2004-11-04
Drilling Date Completed:	2004-11-04
Chemical Analysis:	No
Company Name:	BEE CAVE DRILLING, INC.
Company Address:	185 ANGELFIRE DR.
CompanyAddress2:	
Company City:	DRIPPING SPRINGS
Company State:	TX
Company Zip:	78620
Company Country:	
Data Source:	Full SDR Database; SDRDB Well Location (Map)
Report Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=49940&Type=SDR-Well

Well Borehole Information

Top Depth:	
Bottom Depth:	770.0
Top Depth:	0
Bottom Depth:	30
Top Depth:	30
Bottom Depth:	770

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
32	1 of 1	ESE	0.63 / 3,349.31	Jim Spry 12330A Pauls Valley Rd. Austin TX 78737	SDRW WELLS

Track NO: 422837
Date Submitted: 2016-05-20
Owner Name: Jim Spry
Owner Address: 12330A Pauls Valley Rd.
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78737
County: Travis
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.240833
Longitude: -98.010278
Drilling Date Started: 2016-04-25
Drilling Date Completed: 2016-04-25
Chemical Analysis: No
Company Name: Associated Drilling Inc
Company Address: PO Box 673
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=422837&Type=SDR-Well

Well Borehole Information

Top Depth: 0
Bottom Depth: 50

Top Depth: 50
Bottom Depth: 730

Top Depth:
Bottom Depth: 730.0

Well Strata

Water Type:

Lower Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
33	1 of 1	W	0.64 / 3,387.21	PAT SARGENT 15601 FITZHUGH RD. DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 432581
Date Submitted: 2016-09-26
Owner Name: PAT SARGENT
Owner Address: 15601 FITZHUGH RD.
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.246217
Longitude: -98.037217
Drilling Date Started: 2016-07-27
Drilling Date Completed: 2016-07-27
Chemical Analysis: No
Company Name: CENTEX PUMP & SUPPLY, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=432581&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 750.0

Top Depth: 60
Bottom Depth: 750

Top Depth: 0
Bottom Depth: 60

Well Levels

Measurement: 496.7
Measurement Date: 2016-07-27

Well Strata

Water Type:

LOWER TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
34	1 of 1	W	0.65 / 3,431.83	STEVE BEARD 12319 TRIPLE CREEK CIRCLE DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 76808
Date Submitted: 2006-02-21
Owner Name: STEVE BEARD
Owner Address: 12319 TRIPLE CREEK CIRCLE
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.243889
Longitude: -98.038056
Drilling Date Started: 2006-01-12
Drilling Date Completed: 2006-01-13
Chemical Analysis: Yes
Company Name: BEE CAVE DRILLING, INC.
Company Address: 185 ANGELFIRE DR.
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=76808&Type=SDR-Well

Well Borehole Information

Top Depth: 0
Bottom Depth: 13

Top Depth: 13
Bottom Depth: 730

Top Depth:
Bottom Depth: 730.0

Well Levels

Measurement: 424
Measurement Date: 2006-01-16

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
35	1 of 2	NW	0.67 / 3,522.73	Walt Graner Frontera PW-1 TX	GWDB

Well Rep Track No:	49944
State Well NO:	5748911
Owner Name:	Walt Graner Frontera PW-1
Drilling Start Dt:	
Drilling Month:	11
Drilling Day:	6
Drilling Year:	2004
Well Depth:	770
Well Usage:	Domestic
Water Level Status:	
Latitude:	30.2538890
Longitude:	-98.0347220
Data Source:	Groundwater Database (GWDB) Reports; GIS shapefile of GWDB well locations
Well Info Report:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetReports.aspx?Num=5748911&Type=GWDB
Document Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetScannedImage.aspx?Num=5748911&Cnty=Hays

49944 ✓ new ✓

Texas Water Development Board
Well Schedule

State Well Number 5748911 Prev. Well No. _____ County Hays County Code 209

Basin Colorado 14 GMA 9 RWPA K GCD Hays Trinity Aquifer Lower Trinity (Hosston) 219GRLH

Latitude 30 15 14 Longitude 098 02 05 Coord Accuracy 1 Aquifer ID1 28 Aquifer ID2 __ Aquifer ID3 __

Owner Walt Grauer Driller Bee Cave Drilling

Well No. Frontera Subdv. _____

Address _____ Tenant/Oper. _____

Well Depth 720 Source of Depth D Altitude 1155 Source of Alt. Datum M 385

Date Drilled 11 6 2004 Well Type W User Code _____

Casing Records:
Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S)
Open Hole (O)
Cemented from __ to __

	Diam. (in.)	Interval of C,S, or O. From	To
1	C04	0	695
2	S04	695	755
3	C04	755	770
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			

Lift Data
Pump Mfr. _____ Type of Lift Sub S Pump Depth Setting (ft) 720 ft.
Motor Mfg _____ Type of Power elec E Horsepower _____

Water Use Primary Dom H Secondary _____ Tertiary _____

Other Data Available Water Level M Water Quality Y Well Logs D Other Data A

Well Construction Const Method Air Rotary A Casing Material plastic P
Completion Method gravel packed screen G Screen Material plastic P Conn.

Water Levels
Date 11 12 2004 Meas. 509.98 Remarks driller M.P. + -
Date 11 9 2004 Meas. 505 Remarks _____
Date _____ Meas. _____ Remarks _____

Water Quality (Remarks: #36, PW-1, TWDB Report, Contract # 2005-483-554)

Field Flow Rate _____ Pump Rate _____ GPM Circle how rate was determined: Meas Rept Est Date of Test _____

Performance Test Length of test 24 hr Production Rate 11 GPM Circle how rate was determined: Meas Rept Est Date of Test 11/12/04
Static Level 509.98 ft. Pumping Level 530.09 ft. Amount of Drawdown 20.11 ft. Specific Capacity 0.54 GPM/ft.

See WQ e-log

Date Record Collected / Information Updated 2 4 2009 Reporting Agency 01 Recorded by D. Coker

Other Remarks
1 Reported yield 11 GPM with 20 feet drawdown
2 after pumping 24 hours in 2004. Specific
3 capacity 0.5 GPM/ft.
4
5
6

Aquifer

57.48.911

Well Number

V:/SurfaceWaterResources/Groundwater/WaterQuality/WellSchedule

49944 ✓ new ✓

Texas Water Development Board
Well Schedule

State Well Number 57489 11 Prev. Well No. _____ County Hays County Code 209

Basin Colorado 14 GMA 9 RWPA K GCD Hays Trinity Aquifer Lower Trinity (Hosston) 219GRLH

Latitude 30 15 14 Longitude 098 02 05 Coord Accuracy 1 Aquifer ID1 28 Aquifer ID2 __ Aquifer ID3 __

Owner Walt Grauer Driller Bee Cave Drilling

Well No. Frontera Subdv. _____

Address _____ Tenant/Oper. _____

Well Depth 720 Source of Depth D Altitude 1155 Source of Alt. Datum M 385

Date Drilled 11 6 2004 Well Type W User Code _____

Casing Records:

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S)
Open Hole (O)
Cemented from ___ to ___

	Diam. (in.)	Interval of C,S, or O. From	To
1	C 04	0	695
2	S 04	695	755
3	C 04	755	770
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			

Lift Data
Pump Mfr. _____ Type of Lift Sub S Pump Depth Setting (ft) 720 ft.
Motor Mfg _____ Type of Power elec E Horsepower _____

Water Use Primary Dom H Secondary _____ Tertiary _____

Other Data Available Water Level M Water Quality Y Well Logs D Other Data A

Well Construction Const Method Air Rotary A Casing Material plastic P
Completion Method gravel packed screen G Screen Material plastic P Conn.

Water Levels
Date 11 12 2004 Meas. 509.98 Remarks driller M.P. + -
Date 11 9 2004 Meas. 505 Remarks ___
Date ___ Meas. ___ Remarks ___

Water Quality (Remarks: #36, PW-1, TWDB Report, Contract # 2005-483 ~~554~~ 554

Field Performance Test
Flow Rate _____ Pump Rate _____ GPM Circle how rate was determined: Meas Rept Est Date of Test _____
Length of test 24 hr Production Rate 11 GPM Circle how rate was determined: (Meas) Rept Est Date of Test 11/12/04
Static Level 509.98 ft. Pumping Level 530.09 ft. Amount of Drawdown 20.11 ft. Specific Capacity 0.54 GPM/ft.

See WQ e-log

Date Record Collected / Information Updated 2 4 2009 Reporting Agency 01 Recorded by D. Coker

Other Remarks
1 Reported yield 11 GPM with 20 feet drawdown
2 after pumping 24 hours in 2004. Specific
3 capacity 0.5 GPM/ft.
4
5
6

Aquifer

57.48.911

Well Number

V:/SurfaceWaterResources/Groundwater/WaterQuality/WellSchedule

TRACKING# 49944 **STATE OF TEXAS WELL REPORT** Date Entered: 12/14/2004

OWNER: WALT GRANER

OWNER ADDRESS: 3006 BEE CAVES RD. B 160 AUSTIN , TX 78746

ADDRESS OF WELL'S LOCATION:
11951 BONHAM RANCH RD.
DRIPPING SPRIN , TX 78620

COUNTY: Hays LATITUDE: 301514 LONGITUDE: 980205 Brand/Model of GPS: GARMIN

Owner's Well Number: 001 ELEVATION: 1155 Grid Number: 57 - 48 - 9

TYPE OF WORK:
☑ New Well ☐ Replacement Well
☐ Deepening ☐ Reconditioning

PROPOSED USE: ☐ Monitor Well ☐ Env. Soil Boring ☑ Domestic ☐ Test Well
☐ Industrial ☐ Irrigation ☐ Injection ☐ Geothermal Heat Loop
☐ Public Supply ☐ De-watering ☐ Rig Supply ☐ Stock or Livestock
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

WELL LOG:
Date Drilling Started 11/5/2004
Completed 11/6/2004

DIAMETER OF HOLE

Dia. (in)	From (ft.)	To (ft.)
10	Surface	30
7	30	770

DRILLING METHOD:
☐ Driven ☐ Air Hammer ☐ Hollow Stem Auger ☐ Bored
☑ Air Rotary ☐ Cable Tool ☐ Reverse Circulation
☐ Mud Rotary ☐ Jetted ☐ Other

ANNULAR SEAL DATA
From 0 ft. to 30 ft. #Sacks + Material 19 CEMENT
From 655 ft. to 670 ft. #Sacks + Material 2 HOLE PLUG
From ft. to ft. #Sacks + Material
Method Used
Cemented By GREG SVETLIK
Distance to Septic System
Distance to Property Line:
Method of Verification NOT YET INSTAL
Approved by Variance No.

BOREHOLE COMPLETION:
☐ Open Hole ☐ Underreamed ☐ Other
☐ Straight Wall ☑ Gravel Packed
Gravel Packed Interval from 670 ft. to 770 ft.
Size

SURFACE COMPLETION:
☐ Surface Slab Installed ☐ Pitless Adapter Used
☑ Surface Sleeve Installed ☐ Alternative Procedure Used

WATER LEVEL:
Static Level 505 ft. below land surface
Artesian Flow gpm. Date 11/8/2004

PLUGGING INFO:
☐ Well Plugged within 48 hours
Casing left in well: From (ft.) To (ft.)
Cement/Bentonite left in well: From (ft.) To (ft.) Cem/Bent Sacks Used:

TYPE OF PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other DID NOT SET
Depth to pump bowls, cylinder, jet, etc. 720

WELL TESTS:
Type of test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40 gpm with ft. drawdown after hrs.

PACKERS:
Type: PLASTIC 30' Depth:

WATER QUALITY:
Did Driller knowingly penetrate any strata which contained undesirable constituents? ☐ Yes ☑ No
Type of water:
Depth of Strata:
Chemical Analysis made? ☐ Yes ☑ No

COMPANY NAME: BEE CAVE DRILLING, INC. WELL DRILLER'S LICENSE NO. 54416
ADDRESS 185 ANGELFIRE DR. DRIPPING SP TX 78620
Name as Signature JIM BLAIR Registered Driller Apprentice GREG SVETLIK WWDAPP00001734
Driller Comments

574891

TRACKING# 49944 **STATE OF TEXAS WELL REPORT** Date Entered: 12/14/2004

OWNER: WALT GRANER

OWNER ADDRESS: 3006 BEE CAVES RD. B 160 AUSTIN , TX 78746

ADDRESS OF WELL'S LOCATION:
11951 BONHAM RANCH RD.
DRIPPING SPRIN , TX 78620

COUNTY: Hays LATITUDE: 301514 LONGITUDE: 980205 Brand/Model of GPS: GARMIN

Owner's Well Number: 001 ELEVATION: 1155 Grid Number: 57 - 48 - 9

TYPE OF WORK:
☑ New Well ☐ Replacement Well
☐ Deepening ☐ Reconditioning

PROPOSED USE: ☐ Monitor Well ☐ Env. Soil Boring ☑ Domestic ☐ Test Well
☐ Industrial ☐ Irrigation ☐ Injection ☐ Geothermal Heat Loop
☐ Public Supply ☐ De-watering ☐ Rig Supply ☐ Stock or Livestock
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

WELL LOG:
Date Drilling Started 11/5/2004
Completed 11/6/2004

DIAMETER OF HOLE

Dia. (in)	From (ft.)	To (ft.)
10	Surface	30
7	30	770

DRILLING METHOD:
☐ Driven ☐ Air Hammer ☐ Hollow Stem Auger ☐ Bored
☑ Air Rotary ☐ Cable Tool ☐ Reverse Circulation
☐ Mud Rotary ☐ Jetted ☐ Other

ANNULAR SEAL DATA
From 0 ft. to 30 ft. #Sacks + Material 19 CEMENT
From 655 ft. to 670 ft. #Sacks + Material 2 HOLE PLUG
From ft. to ft. #Sacks + Material
Method Used
Cemented By GREG SVETLIK
Distance to Septic System
Distance to Property Line:
Method of Verification NOT YET INSTAL
Approved by Variance No.

BOREHOLE COMPLETION:
☐ Open Hole ☐ Underreamed ☐ Other
☐ Straight Wall ☑ Gravel Packed
Gravel Packed Interval from 670 ft. to 770 ft.
Size

SURFACE COMPLETION:
☐ Surface Slab Installed ☐ Pitless Adapter Used
☑ Surface Sleeve Installed ☐ Alternative Procedure Used

WATER LEVEL:
Static Level 505 ft. below land surface
Artesian Flow gpm. Date 11/8/2004

PLUGGING INFO:
☐ Well Plugged within 48 hours
Casing left in well: From (ft.) To (ft.)
Cement/Bentonite left in well: From (ft.) To (ft.) Cem/Bent Sacks Used:

TYPE OF PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other DID NOT SET
Depth to pump bowls, cylinder, jet, etc. 720

WELL TESTS:
Type of test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40 gpm with ft. drawdown after hrs.

PACKERS:
Type: PLASTIC 30' Depth:

WATER QUALITY:
Did Driller knowingly penetrate any strata which contained undesirable constituents? ☐ Yes ☑ No
Type of water:
Depth of Strata:
Chemical Analysis made? ☐ Yes ☑ No

COMPANY NAME: BEE CAVE DRILLING, INC. WELL DRILLER'S LICENSE NO. 54416
ADDRESS 185 ANGELFIRE DR. DRIPPING SP TX 78620
Name as Signature JIM BLAIR Registered Driller Apprentice GREG SVETLIK WWDAPP00001734
Driller Comments

574891

WELL REPORT CONFIDENTIALITY NOTICE

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner. Please include the report's Tracking number on your written request.

Texas Department of Licensing Regulation
Water Well Driller/Pump Installer Section
P.O. Box 12157 Austin, TX 78711
Toll free (800)803-9202 (512)463-7880 FAX (512)463-8616
Email address: water.well@license.state.tx.us Web address: www.license.state.tx.us

DESCRIPTION AND COLOR OF FORMATION MATERIAL

From (ft.) To (ft.) Description

0 - 1 TOPSOIL
1 - 8 CALICHE
8 - 318 BLUE LIMESTONE
318 - 324 WHITE LIMESTONE
324 - 460 GREY LIMESTONE
460 - 485 SANDY LIMESTONE
485 - 505 BLUE SHALE
505 - 555 LIGHT GREY & TAN LIMESTONE
555 - 605 LIGHT GREY ROCK
605 - 625 BLUE & BROWN CLAY
625 - 629 GREY ROCK
629 - 647 BLUE CLAY
647 - 665 GREY LIMESTONE
665 - 700 BLUE SANDSTONE
700 - 722 RED SANDSTONE
722 - 738 SAND STRINGER W/B 20 GPM
738 - 749 TAN ROCK
749 - 770 RED SANDSTONE W/B 20 GPM

CASING, BLANK PIPE, AND WELL SCREEN DATA

Dia.	New/Used	Type	Setting From/To	Gage
4.5	NEW	PLASTIC	0 - 695	
4.5	NEW	SCREEN MFG.	695 - 755	.10
4.5	NEW	PLASTIC	755 - 770	

11/12/04 Const.
Lab. unknown

T. Hard	511
Ca	80
Mg	20
Na	16
SO4	222
Cl	13
F	2.5
TDS	785
ph	7.1

✓

5748911

WELL REPORT CONFIDENTIALITY NOTICE

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Texas Department of Licensing Regulation
Water Well Driller/Pump Installer Section
P.O. Box 12157 Austin, TX 78711
Toll free (800)803-9202 (512)463-7880 FAX (512)463-8616
Email address: water.well@license.state.tx.us Web address: www.license.state.tx.us

DESCRIPTION AND COLOR OF FORMATION MATERIAL

From (ft.) To (ft.) Description

0 - 1 TOPSOIL
1 - 8 CALICHE
8 - 318 BLUE LIMESTONE
318 - 324 WHITE LIMESTONE
324 - 460 GREY LIMESTONE
460 - 485 SANDY LIMESTONE
485 - 505 BLUE SHALE
505 - 555 LIGHT GREY & TAN LIMESTONE
555 - 605 LIGHT GREY ROCK
605 - 625 BLUE & BROWN CLAY
625 - 629 GREY ROCK
629 - 647 BLUE CLAY
647 - 665 GREY LIMESTONE
665 - 700 BLUE SANDSTONE
700 - 722 RED SANDSTONE
722 - 738 SAND STRINGER W/B 20 GPM
738 - 749 TAN ROCK
749 - 770 RED SANDSTONE W/B 20 GPM

CASING, BLANK PIPE, AND WELL SCREEN DATA

Dia.	New/Used	Type	Setting From/To	Gage
4.5	NEW	PLASTIC	0 - 695	
4.5	NEW	SCREEN MFG.	695 - 755	.10
4.5	NEW	PLASTIC	755 - 770	

11/12/04 Const.
Lab. unknown

T. Hard	511
Ca	80
Mg	20
Na	16
SO4	222
Cl	13
F	2.5
TDS	785
ph	7.1

✓

5748911

Report_#	36	Monitor_Well	Y
County	Hays	Dist_from_pump_well_ft	660
Pump_Well_ID	PW-1	Init_WL_ft_bgs	-509.98
Consultant(s)	The_Wellspec_Company_and_Bo	Final_WL_ft_bgs	-530.09
Certified_By	Joe_J._Vickers_and_Steve_Bond	Aquif_Thick_ft	200
Developer	Frontera_Subdivision	Fully_Penetrated	Partially_penetrated
Pump_Test_Date(s)	11/12/2004	T_gpd/ft	2000
Alternate_Location		S	0.001
Lat	30.2536	K_gpd/ft2	20
Long	-98.0346	Spec_Cap_gpm/ft	0.55
Aquifer	Lower_Trinity	Well_Effic_(%)	
Aquifer_Type	Confined	Est_drawdown_ft_bgs	3.1_gpm/well,_Drawdown_of_1_
Pump_Well_depth	770	Rec_Well_Spac_	
Screen_Diam_ft	0.42	Cl_mg/l	145
Open_Interval_ft	695_-_755	SO4_mg/l	904
Pump_Rate_gpm	11	TDS_mg/l	1610
Pump_Period_hrs	24	Comments	
Max_Drawdown_ft	20.11	ility_0-none_to_5-high	5

5748911

Report_#	36	Monitor_Well	Y
County	Hays	Dist_from_pump_well_ft	660
Pump_Well_ID	PW-1	Init_WL_ft_bgs	-509.98
Consultant(s)	The_Wellspec_Company_and_Bo	Final_WL_ft_bgs	-530.09
Certified_By	Joe_J._Vickers_and_Steve_Bond	Aquif_Thick_ft	200
Developer	Frontera_Subdivision	Fully_Penetrated	Partially_penetrated
Pump_Test_Date(s)	11/12/2004	T_gpd/ft	2000
Alternate_Location		S	0.001
Lat	30.2536	K_gpd/ft2	20
Long	-98.0346	Spec_Cap_gpm/ft	0.55
Aquifer	Lower_Trinity	Well_Effic_(%)	
Aquifer_Type	Confined	Est_drawdown_ft_bgs	3.1_gpm/well,_Drawdown_of_1_
Pump_Well_depth	770	Rec_Well_Spac_	
Screen_Diam_ft	0.42	Cl_mg/l	145
Open_Interval_ft	695_-_755	SO4_mg/l	904
Pump_Rate_gpm	11	TDS_mg/l	1610
Pump_Period_hrs	24	Comments	
Max_Drawdown_ft	20.11	bility_0-none_to_5-high	5

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TABLE 1
SUMMARY OF TEST WELL CONSTRUCTION
Frontera Subdivision, Hays County, Texas

Test Well	Date Drilled	North Latitude	West Longitude	Elevation Ground Level (feet MSL)	Total Depth (feet BGL)	4.5-inch PVC Casing (feet BGL)	4.5-inch PVC 0.010-in. screen (feet BGL)	Water Level Date Measured	Water Level (feet btoc)	Water Level Elevation (feet MSL)
57-48-911										
PW-1	11/4/2004	30 15' 13.1"	98 02' 04.4"	1,163	770	0 to 695 755 to 770	695 to 755	11/10/2004	509.98 ✓	653.0
OW-1	11/4/2004	30 15' 07.1"	98 02' 06.8"	1,133	770	0 to 724 764 to 770	724 to 764	11/10/2004	473.11	659.9

Notes: feet MSL – feet above mean sea level
feet BGL = feet below ground level
feet btoc = feet below top of casing
Latitude and Longitude in degrees, minutes and seconds
Elevations are estimates.,

57-48-911

TABLE 1
SUMMARY OF TEST WELL CONSTRUCTION
Frontera Subdivision, Hays County, Texas

Test Well	Date Drilled	North Latitude	West Longitude	Elevation Ground Level (feet MSL)	Total Depth (feet BGL)	4.5-inch PVC Casing (feet BGL)	4.5-inch PVC 0.010-in. screen (feet BGL)	Water Level Date Measured	Water Level (feet btoc)	Water Level Elevation (feet MSL)
57-48-911										
PW-1	11/4/2004	30 15' 13.1"	98 02' 04.4"	1,163	770	0 to 695 755 to 770	695 to 755	11/10/2004	509.98 ✓	653.0
OW-1	11/4/2004	30 15' 07.1"	98 02' 06.8"	1,133	770	0 to 724 764 to 770	724 to 764	11/10/2004	473.11	659.9

Notes: feet MSL – feet above mean sea level
feet BGL = feet below ground level
feet btoc = feet below top of casing
Latitude and Longitude in degrees, minutes and seconds
Elevations are estimates.,

57-48-911

Pumping Test Data at Well PW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/10/2004	11:21	0	0	-509.98			Pumping Rate = 11 gpm
11/10/2004	11:22	1	0.55	-510.53			
11/10/2004	11:23	2	1.29	-511.27			
11/10/2004	11:24	3	0.44	-510.42			
11/10/2004	11:25	4	2.76	-512.74			
11/10/2004	11:26	5	6.31	-516.29			
11/10/2004	11:27	6	7.33	-517.31			
11/10/2004	11:28	7	7.8	-517.78			
11/10/2004	11:29	8	8.13	-518.11			
11/10/2004	11:30	9	8.42	-518.4			
11/10/2004	11:31	10	8.42	-518.4			
11/10/2004	11:32	11	8.65	-518.63			
11/10/2004	11:33	12	8.81	-518.79			
11/10/2004	11:34	13	9	-518.98			
11/10/2004	11:35	14	9.1	-519.08			
11/10/2004	11:36	15	9.67	-519.65			
11/10/2004	11:37	16	10.7	-520.68			
11/10/2004	11:38	17	11.17	-521.15			
11/10/2004	11:39	18	11.33	-521.31			
11/10/2004	11:40	19	11.53	-521.51			
11/10/2004	11:41	20	11.71	-521.69			
11/10/2004	11:42	21	11.92	-521.9			
11/10/2004	11:43	22	12.2	-522.18			
11/10/2004	11:44	23	12.3	-522.28			
11/10/2004	11:45	24	12.55	-522.53			
11/10/2004	11:46	25	12.85	-522.83			
11/10/2004	11:47	26	13.06	-523.04			
11/10/2004	11:48	27	13.21	-523.19			
11/10/2004	11:49	28	13.39	-523.37			
11/10/2004	11:50	29	13.4	-523.38			
11/10/2004	11:51	30	13.5	-523.48			
11/10/2004	11:52	31	13.49	-523.47			
11/10/2004	11:53	32	13.5	-523.48			
11/10/2004	11:54	33	13.52	-523.5			
11/10/2004	11:55	34	13.6	-523.58			
11/10/2004	11:56	35	13.59	-523.57			
11/10/2004	11:57	36	13.8	-523.78			
11/10/2004	11:58	37	13.76	-523.74			
11/10/2004	11:59	38	13.77	-523.75			
11/10/2004	12:00	39	13.89	-523.87			
11/10/2004	12:01	40	13.89	-523.87			

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Pumping Test Data at Well PW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/10/2004	11:21	0	0	-509.98			Pumping Rate = 11 gpm
11/10/2004	11:22	1	0.55	-510.53			
11/10/2004	11:23	2	1.29	-511.27			
11/10/2004	11:24	3	0.44	-510.42			
11/10/2004	11:25	4	2.76	-512.74			
11/10/2004	11:26	5	6.31	-516.29			
11/10/2004	11:27	6	7.33	-517.31			
11/10/2004	11:28	7	7.8	-517.78			
11/10/2004	11:29	8	8.13	-518.11			
11/10/2004	11:30	9	8.42	-518.4			
11/10/2004	11:31	10	8.42	-518.4			
11/10/2004	11:32	11	8.65	-518.63			
11/10/2004	11:33	12	8.81	-518.79			
11/10/2004	11:34	13	9	-518.98			
11/10/2004	11:35	14	9.1	-519.08			
11/10/2004	11:36	15	9.67	-519.65			
11/10/2004	11:37	16	10.7	-520.68			
11/10/2004	11:38	17	11.17	-521.15			
11/10/2004	11:39	18	11.33	-521.31			
11/10/2004	11:40	19	11.53	-521.51			
11/10/2004	11:41	20	11.71	-521.69			
11/10/2004	11:42	21	11.92	-521.9			
11/10/2004	11:43	22	12.2	-522.18			
11/10/2004	11:44	23	12.3	-522.28			
11/10/2004	11:45	24	12.55	-522.53			
11/10/2004	11:46	25	12.85	-522.83			
11/10/2004	11:47	26	13.06	-523.04			
11/10/2004	11:48	27	13.21	-523.19			
11/10/2004	11:49	28	13.39	-523.37			
11/10/2004	11:50	29	13.4	-523.38			
11/10/2004	11:51	30	13.5	-523.48			
11/10/2004	11:52	31	13.49	-523.47			
11/10/2004	11:53	32	13.5	-523.48			
11/10/2004	11:54	33	13.52	-523.5			
11/10/2004	11:55	34	13.6	-523.58			
11/10/2004	11:56	35	13.59	-523.57			
11/10/2004	11:57	36	13.8	-523.78			
11/10/2004	11:58	37	13.76	-523.74			
11/10/2004	11:59	38	13.77	-523.75			
11/10/2004	12:00	39	13.89	-523.87			
11/10/2004	12:01	40	13.89	-523.87			

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APP000258

Pumping Test Data at Well PW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/10/2004	12:02	41	14.05	-524.03			
11/10/2004	12:03	42	13.94	-523.92			
11/10/2004	12:04	43	13.93	-523.91			
11/10/2004	12:05	44	14.08	-524.06			
11/10/2004	12:06	45	14.08	-524.06			
11/10/2004	12:07	46	14.06	-524.04			
11/10/2004	12:08	47	14.14	-524.12			
11/10/2004	12:09	48	14.1	-524.08			
11/10/2004	12:10	49	14.22	-524.2			
11/10/2004	12:11	50	14.25	-524.23			
11/10/2004	12:12	51	14.26	-524.24			
11/10/2004	12:13	52	14.31	-524.29			
11/10/2004	12:14	53	14.33	-524.31			
11/10/2004	12:15	54	14.28	-524.26			
11/10/2004	12:16	55	14.32	-524.3			
11/10/2004	12:17	56	14.36	-524.34			
11/10/2004	12:18	57	14.39	-524.37			
11/10/2004	12:19	58	14.44	-524.42			
11/10/2004	12:20	59	14.47	-524.45			
11/10/2004	12:21	60	14.45	-524.43			
11/10/2004	12:26	65	14.58	-524.56			
11/10/2004	12:31	70	14.62	-524.6			
11/10/2004	12:36	75	14.8	-524.78			
11/10/2004	12:41	80	14.96	-524.94			
11/10/2004	12:46	85	14.96	-524.94			
11/10/2004	12:51	90	15.07	-525.05			
11/10/2004	12:56	95	15.08	-525.06			
11/10/2004	13:01	100	15.17	-525.15			
11/10/2004	13:06	105	15.19	-525.17			
11/10/2004	13:11	110	15.29	-525.27			
11/10/2004	13:16	115	15.35	-525.33			
11/10/2004	13:21	120	15.42	-525.4			
11/10/2004	13:31	130	15.63	-525.61			
11/10/2004	13:41	140	15.65	-525.63			
11/10/2004	13:51	150	15.82	-525.8			
11/10/2004	14:01	160	15.95	-525.93			
11/10/2004	14:11	170	15.99	-525.97			
11/10/2004	14:21	180	16.08	-526.06			
11/10/2004	14:31	190	16.19	-526.17			
11/10/2004	14:41	200	16.21	-526.19			
11/10/2004	14:51	210	16.33	-526.31			

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Pumping Test Data at Well PW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/10/2004	12:02	41	14.05	-524.03			
11/10/2004	12:03	42	13.94	-523.92			
11/10/2004	12:04	43	13.93	-523.91			
11/10/2004	12:05	44	14.08	-524.06			
11/10/2004	12:06	45	14.08	-524.06			
11/10/2004	12:07	46	14.06	-524.04			
11/10/2004	12:08	47	14.14	-524.12			
11/10/2004	12:09	48	14.1	-524.08			
11/10/2004	12:10	49	14.22	-524.2			
11/10/2004	12:11	50	14.25	-524.23			
11/10/2004	12:12	51	14.26	-524.24			
11/10/2004	12:13	52	14.31	-524.29			
11/10/2004	12:14	53	14.33	-524.31			
11/10/2004	12:15	54	14.28	-524.26			
11/10/2004	12:16	55	14.32	-524.3			
11/10/2004	12:17	56	14.36	-524.34			
11/10/2004	12:18	57	14.39	-524.37			
11/10/2004	12:19	58	14.44	-524.42			
11/10/2004	12:20	59	14.47	-524.45			
11/10/2004	12:21	60	14.45	-524.43			
11/10/2004	12:26	65	14.58	-524.56			
11/10/2004	12:31	70	14.62	-524.6			
11/10/2004	12:36	75	14.8	-524.78			
11/10/2004	12:41	80	14.96	-524.94			
11/10/2004	12:46	85	14.96	-524.94			
11/10/2004	12:51	90	15.07	-525.05			
11/10/2004	12:56	95	15.08	-525.06			
11/10/2004	13:01	100	15.17	-525.15			
11/10/2004	13:06	105	15.19	-525.17			
11/10/2004	13:11	110	15.29	-525.27			
11/10/2004	13:16	115	15.35	-525.33			
11/10/2004	13:21	120	15.42	-525.4			
11/10/2004	13:31	130	15.63	-525.61			
11/10/2004	13:41	140	15.65	-525.63			
11/10/2004	13:51	150	15.82	-525.8			
11/10/2004	14:01	160	15.95	-525.93			
11/10/2004	14:11	170	15.99	-525.97			
11/10/2004	14:21	180	16.08	-526.06			
11/10/2004	14:31	190	16.19	-526.17			
11/10/2004	14:41	200	16.21	-526.19			
11/10/2004	14:51	210	16.33	-526.31			

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APP000260

Pumping Test Data at Well PW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/10/2004	15:01	220	16.5	-526.48			
11/10/2004	15:11	230	16.44	-526.42			
11/10/2004	15:21	240	16.55	-526.53			
11/10/2004	15:51	270	16.64	-526.62			
11/10/2004	16:21	300	17.02	-527			
11/10/2004	16:51	330	17.26	-527.24			
11/10/2004	17:21	360	17.28	-527.26			
11/10/2004	17:51	390	17.36	-527.34			
11/10/2004	18:21	420	17.83	-527.81			
11/10/2004	18:51	450	17.76	-527.74			
11/10/2004	19:21	480	17.84	-527.82			
11/10/2004	19:51	510	18.11	-528.09			
11/10/2004	20:21	540	18.08	-528.06			
11/10/2004	20:51	570	17.96	-527.94			
11/10/2004	21:21	600	18.45	-528.43			
11/10/2004	22:21	660	18.36	-528.34			
11/10/2004	23:21	720	18.51	-528.49			
11/11/2004	0:21	780	18.78	-528.76			
11/11/2004	1:21	840	18.66	-528.64			
11/11/2004	2:21	900	18.64	-528.62			
11/11/2004	3:21	960	18.79	-528.77			
11/11/2004	4:21	1020	18.86	-528.84			
11/11/2004	5:21	1080	18.98	-528.96			
11/11/2004	6:21	1140	19.18	-529.16			
11/11/2004	7:21	1200	19.41	-529.39			
11/11/2004	8:21	1260	19.53	-529.51			
11/11/2004	9:21	1320	19.62	-529.6			
11/11/2004	10:21	1380	19.78	-529.76			
11/11/2004	11:21	1440	19.98	-529.96			
11/11/2004	11:30	1449	20.11	-530.09	0	0.00	End Pumping
11/11/2004	11:31	1450	19.55	-529.53	1	0.56	
11/11/2004	11:32	1451	15.47	-525.45	2	4.64	
11/11/2004	11:33	1452	11.47	-521.45	3	8.64	
11/11/2004	11:34	1453	9.86	-519.84	4	10.25	
11/11/2004	11:35	1454	9.17	-519.15	5	10.94	
11/11/2004	11:36	1455	8.72	-518.7	6	11.39	
11/11/2004	11:37	1456	8.39	-518.37	7	11.72	
11/11/2004	11:38	1457	8.16	-518.14	8	11.95	
11/11/2004	11:39	1458	8.01	-517.99	9	12.10	
11/11/2004	11:40	1459	7.8	-517.78	10	12.31	
11/11/2004	11:41	1460	7.62	-517.6	11	12.49	

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Pumping Test Data at Well PW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/10/2004	15:01	220	16.5	-526.48			
11/10/2004	15:11	230	16.44	-526.42			
11/10/2004	15:21	240	16.55	-526.53			
11/10/2004	15:51	270	16.64	-526.62			
11/10/2004	16:21	300	17.02	-527			
11/10/2004	16:51	330	17.26	-527.24			
11/10/2004	17:21	360	17.28	-527.26			
11/10/2004	17:51	390	17.36	-527.34			
11/10/2004	18:21	420	17.83	-527.81			
11/10/2004	18:51	450	17.76	-527.74			
11/10/2004	19:21	480	17.84	-527.82			
11/10/2004	19:51	510	18.11	-528.09			
11/10/2004	20:21	540	18.08	-528.06			
11/10/2004	20:51	570	17.96	-527.94			
11/10/2004	21:21	600	18.45	-528.43			
11/10/2004	22:21	660	18.36	-528.34			
11/10/2004	23:21	720	18.51	-528.49			
11/11/2004	0:21	780	18.78	-528.76			
11/11/2004	1:21	840	18.66	-528.64			
11/11/2004	2:21	900	18.64	-528.62			
11/11/2004	3:21	960	18.79	-528.77			
11/11/2004	4:21	1020	18.86	-528.84			
11/11/2004	5:21	1080	18.98	-528.96			
11/11/2004	6:21	1140	19.18	-529.16			
11/11/2004	7:21	1200	19.41	-529.39			
11/11/2004	8:21	1260	19.53	-529.51			
11/11/2004	9:21	1320	19.62	-529.6			
11/11/2004	10:21	1380	19.78	-529.76			
11/11/2004	11:21	1440	19.98	-529.96			
11/11/2004	11:30	1449	20.11	-530.09	0	0.00	End Pumping
11/11/2004	11:31	1450	19.55	-529.53	1	0.56	
11/11/2004	11:32	1451	15.47	-525.45	2	4.64	
11/11/2004	11:33	1452	11.47	-521.45	3	8.64	
11/11/2004	11:34	1453	9.86	-519.84	4	10.25	
11/11/2004	11:35	1454	9.17	-519.15	5	10.94	
11/11/2004	11:36	1455	8.72	-518.7	6	11.39	
11/11/2004	11:37	1456	8.39	-518.37	7	11.72	
11/11/2004	11:38	1457	8.16	-518.14	8	11.95	
11/11/2004	11:39	1458	8.01	-517.99	9	12.10	
11/11/2004	11:40	1459	7.8	-517.78	10	12.31	
11/11/2004	11:41	1460	7.62	-517.6	11	12.49	

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Pumping Test Data at Well PW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data		Comments
					Elapsed time since end of pumping (minutes)	Residual Drawdown (feet)	
11/11/2004	11:42	1461	7.47	-517.45	12	12.64	
11/11/2004	11:43	1462	7.34	-517.32	13	12.77	
11/11/2004	11:44	1463	7.21	-517.19	14	12.90	
11/11/2004	11:45	1464	7.09	-517.07	15	13.02	
11/11/2004	11:46	1465	7	-516.98	16	13.11	
11/11/2004	11:47	1466	6.89	-516.87	17	13.22	
11/11/2004	11:48	1467	6.79	-516.77	18	13.32	
11/11/2004	11:49	1468	6.7	-516.68	19	13.41	
11/11/2004	11:50	1469	6.62	-516.6	20	13.49	
11/11/2004	11:51	1470	6.54	-516.52	21	13.57	
11/11/2004	11:52	1471	6.48	-516.46	22	13.63	
11/11/2004	11:53	1472	6.4	-516.38	23	13.71	
11/11/2004	11:54	1473	6.34	-516.32	24	13.77	
11/11/2004	11:55	1474	6.28	-516.26	25	13.83	
11/11/2004	11:56	1475	6.23	-516.21	26	13.88	
11/11/2004	11:57	1476	6.17	-516.15	27	13.94	
11/11/2004	11:58	1477	6.11	-516.09	28	14.00	
11/11/2004	11:59	1478	6.04	-516.02	29	14.07	
11/11/2004	12:00	1479	5.99	-515.97	30	14.12	
11/11/2004	12:01	1480	5.95	-515.93	31	14.16	
11/11/2004	12:02	1481	5.9	-515.88	32	14.21	
11/11/2004	12:03	1482	5.86	-515.84	33	14.25	
11/11/2004	12:04	1483	5.8	-515.78	34	14.31	
11/11/2004	12:05	1484	5.76	-515.74	35	14.35	
11/11/2004	12:06	1485	5.7	-515.68	36	14.41	
11/11/2004	12:07	1486	5.66	-515.64	37	14.45	
11/11/2004	12:08	1487	5.62	-515.6	38	14.49	
11/11/2004	12:09	1488	5.59	-515.57	39	14.52	
11/11/2004	12:10	1489	5.54	-515.52	40	14.57	
11/11/2004	12:11	1490	5.51	-515.49	41	14.60	
11/11/2004	12:12	1491	5.48	-515.46	42	14.63	
11/11/2004	12:13	1492	5.44	-515.42	43	14.67	
11/11/2004	12:14	1493	5.41	-515.39	44	14.70	
11/11/2004	12:15	1494	5.37	-515.35	45	14.74	
11/11/2004	12:16	1495	5.33	-515.31	46	14.78	
11/11/2004	12:17	1496	5.3	-515.28	47	14.81	
11/11/2004	12:18	1497	5.27	-515.25	48	14.84	
11/11/2004	12:19	1498	5.23	-515.21	49	14.88	
11/11/2004	12:20	1499	5.21	-515.19	50	14.90	
11/11/2004	12:21	1500	5.18	-515.16	51	14.93	
11/11/2004	12:22	1501	5.14	-515.12	52	14.97	

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Pumping Test Data at Well PW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/11/2004	11:42	1461	7.47	-517.45	12	12.64	
11/11/2004	11:43	1462	7.34	-517.32	13	12.77	
11/11/2004	11:44	1463	7.21	-517.19	14	12.90	
11/11/2004	11:45	1464	7.09	-517.07	15	13.02	
11/11/2004	11:46	1465	7	-516.98	16	13.11	
11/11/2004	11:47	1466	6.89	-516.87	17	13.22	
11/11/2004	11:48	1467	6.79	-516.77	18	13.32	
11/11/2004	11:49	1468	6.7	-516.68	19	13.41	
11/11/2004	11:50	1469	6.62	-516.6	20	13.49	
11/11/2004	11:51	1470	6.54	-516.52	21	13.57	
11/11/2004	11:52	1471	6.48	-516.46	22	13.63	
11/11/2004	11:53	1472	6.4	-516.38	23	13.71	
11/11/2004	11:54	1473	6.34	-516.32	24	13.77	
11/11/2004	11:55	1474	6.28	-516.26	25	13.83	
11/11/2004	11:56	1475	6.23	-516.21	26	13.88	
11/11/2004	11:57	1476	6.17	-516.15	27	13.94	
11/11/2004	11:58	1477	6.11	-516.09	28	14.00	
11/11/2004	11:59	1478	6.04	-516.02	29	14.07	
11/11/2004	12:00	1479	5.99	-515.97	30	14.12	
11/11/2004	12:01	1480	5.95	-515.93	31	14.16	
11/11/2004	12:02	1481	5.9	-515.88	32	14.21	
11/11/2004	12:03	1482	5.86	-515.84	33	14.25	
11/11/2004	12:04	1483	5.8	-515.78	34	14.31	
11/11/2004	12:05	1484	5.76	-515.74	35	14.35	
11/11/2004	12:06	1485	5.7	-515.68	36	14.41	
11/11/2004	12:07	1486	5.66	-515.64	37	14.45	
11/11/2004	12:08	1487	5.62	-515.6	38	14.49	
11/11/2004	12:09	1488	5.59	-515.57	39	14.52	
11/11/2004	12:10	1489	5.54	-515.52	40	14.57	
11/11/2004	12:11	1490	5.51	-515.49	41	14.60	
11/11/2004	12:12	1491	5.48	-515.46	42	14.63	
11/11/2004	12:13	1492	5.44	-515.42	43	14.67	
11/11/2004	12:14	1493	5.41	-515.39	44	14.70	
11/11/2004	12:15	1494	5.37	-515.35	45	14.74	
11/11/2004	12:16	1495	5.33	-515.31	46	14.78	
11/11/2004	12:17	1496	5.3	-515.28	47	14.81	
11/11/2004	12:18	1497	5.27	-515.25	48	14.84	
11/11/2004	12:19	1498	5.23	-515.21	49	14.88	
11/11/2004	12:20	1499	5.21	-515.19	50	14.90	
11/11/2004	12:21	1500	5.18	-515.16	51	14.93	
11/11/2004	12:22	1501	5.14	-515.12	52	14.97	

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Pumping Test Data at Well PW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data		Comments
					Elapsed time since end of pumping (minutes)	Residual Drawdown (feet)	
11/11/2004	12:23	1502	5.11	-515.09	53	15.00	
11/11/2004	12:24	1503	5.08	-515.06	54	15.03	
11/11/2004	12:25	1504	5.06	-515.04	55	15.05	
11/11/2004	12:26	1505	5.01	-514.99	56	15.10	
11/11/2004	12:27	1506	4.99	-514.97	57	15.12	
11/11/2004	12:28	1507	4.95	-514.93	58	15.16	
11/11/2004	12:29	1508	4.94	-514.92	59	15.17	
11/11/2004	12:30	1509	4.9	-514.88	60	15.21	
11/11/2004	12:35	1514	4.79	-514.77	65	15.32	
11/11/2004	12:40	1519	4.67	-514.65	70	15.44	
11/11/2004	12:45	1524	4.55	-514.53	75	15.56	
11/11/2004	12:50	1529	4.45	-514.43	80	15.66	
11/11/2004	12:55	1534	4.37	-514.35	85	15.74	
11/11/2004	13:00	1539	4.3	-514.28	90	15.81	
11/11/2004	13:05	1544	4.2	-514.18	95	15.91	
11/11/2004	13:10	1549	4.12	-514.1	100	15.99	
11/11/2004	13:15	1554	4.04	-514.02	105	16.07	
11/11/2004	13:20	1559	3.96	-513.94	110	16.15	
11/11/2004	13:25	1564	3.88	-513.86	115	16.23	
11/11/2004	13:30	1569	3.77	-513.75	120	16.34	
11/11/2004	13:40	1579	3.59	-513.57	130	16.52	
11/11/2004	13:50	1589	3.57	-513.55	140	16.54	
11/11/2004	14:00	1599	3.46	-513.44	150	16.65	
11/11/2004	14:10	1609	3.36	-513.34	160	16.75	
11/11/2004	14:20	1619	3.54	-513.52	170	16.57	
11/11/2004	14:30	1629	3.33	-513.31	180	16.78	
11/11/2004	14:40	1639	3.44	-513.42	190	16.67	
11/11/2004	14:50	1649	3.21	-513.19	200	16.90	
11/11/2004	15:00	1659	3.07	-513.05	210	17.04	
11/11/2004	15:10	1669	2.95	-512.93	220	17.16	
11/11/2004	15:20	1679	2.84	-512.82	230	17.27	
11/11/2004	15:30	1689	2.75	-512.73	240	17.36	
11/11/2004	15:40	1699	2.68	-512.66	250	17.43	
11/11/2004	15:50	1709	2.59	-512.57	260	17.52	
11/11/2004	16:00	1719	2.54	-512.52	270	17.57	
11/11/2004	16:10	1729	2.73	-512.71	280	17.38	
11/11/2004	16:20	1739	2.58	-512.56	290	17.53	
11/11/2004	16:30	1749	2.63	-512.61	300	17.48	
11/11/2004	17:00	1779	2.35	-512.33	330	17.76	
11/11/2004	17:30	1809	2.12	-512.1	360	17.99	
11/11/2004	18:00	1839	2.16	-512.14	390	17.95	

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Pumping Test Data at Well PW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data		Comments
					Elapsed time since end of pumping (minutes)	Residual Drawdown (feet)	
11/11/2004	12:23	1502	5.11	-515.09	53	15.00	
11/11/2004	12:24	1503	5.08	-515.06	54	15.03	
11/11/2004	12:25	1504	5.06	-515.04	55	15.05	
11/11/2004	12:26	1505	5.01	-514.99	56	15.10	
11/11/2004	12:27	1506	4.99	-514.97	57	15.12	
11/11/2004	12:28	1507	4.95	-514.93	58	15.16	
11/11/2004	12:29	1508	4.94	-514.92	59	15.17	
11/11/2004	12:30	1509	4.9	-514.88	60	15.21	
11/11/2004	12:35	1514	4.79	-514.77	65	15.32	
11/11/2004	12:40	1519	4.67	-514.65	70	15.44	
11/11/2004	12:45	1524	4.55	-514.53	75	15.56	
11/11/2004	12:50	1529	4.45	-514.43	80	15.66	
11/11/2004	12:55	1534	4.37	-514.35	85	15.74	
11/11/2004	13:00	1539	4.3	-514.28	90	15.81	
11/11/2004	13:05	1544	4.2	-514.18	95	15.91	
11/11/2004	13:10	1549	4.12	-514.1	100	15.99	
11/11/2004	13:15	1554	4.04	-514.02	105	16.07	
11/11/2004	13:20	1559	3.96	-513.94	110	16.15	
11/11/2004	13:25	1564	3.88	-513.86	115	16.23	
11/11/2004	13:30	1569	3.77	-513.75	120	16.34	
11/11/2004	13:40	1579	3.59	-513.57	130	16.52	
11/11/2004	13:50	1589	3.57	-513.55	140	16.54	
11/11/2004	14:00	1599	3.46	-513.44	150	16.65	
11/11/2004	14:10	1609	3.36	-513.34	160	16.75	
11/11/2004	14:20	1619	3.54	-513.52	170	16.57	
11/11/2004	14:30	1629	3.33	-513.31	180	16.78	
11/11/2004	14:40	1639	3.44	-513.42	190	16.67	
11/11/2004	14:50	1649	3.21	-513.19	200	16.90	
11/11/2004	15:00	1659	3.07	-513.05	210	17.04	
11/11/2004	15:10	1669	2.95	-512.93	220	17.16	
11/11/2004	15:20	1679	2.84	-512.82	230	17.27	
11/11/2004	15:30	1689	2.75	-512.73	240	17.36	
11/11/2004	15:40	1699	2.68	-512.66	250	17.43	
11/11/2004	15:50	1709	2.59	-512.57	260	17.52	
11/11/2004	16:00	1719	2.54	-512.52	270	17.57	
11/11/2004	16:10	1729	2.73	-512.71	280	17.38	
11/11/2004	16:20	1739	2.58	-512.56	290	17.53	
11/11/2004	16:30	1749	2.63	-512.61	300	17.48	
11/11/2004	17:00	1779	2.35	-512.33	330	17.76	
11/11/2004	17:30	1809	2.12	-512.1	360	17.99	
11/11/2004	18:00	1839	2.16	-512.14	390	17.95	

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Pumping Test Data at Well PW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data		Comments
					Elapsed time since end of pumping (minutes)	Residual Drawdown (feet)	
11/11/2004	18:30	1869	2.06	-512.04	420	18.05	
11/11/2004	19:00	1899	2.07	-512.05	450	18.04	
11/11/2004	19:30	1929	1.75	-511.73	480	18.36	
11/11/2004	20:00	1959	1.63	-511.61	510	18.48	
11/11/2004	20:30	1989	1.5	-511.48	540	18.61	
11/11/2004	21:00	2019	1.52	-511.5	570	18.59	
11/11/2004	21:30	2049	1.43	-511.41	600	18.68	
11/11/2004	22:30	2109	1.32	-511.3	660	18.79	
11/11/2004	23:30	2169	1.26	-511.24	720	18.85	
11/12/2004	0:30	2229	1.1	-511.08	780	19.01	
11/12/2004	1:30	2289	1	-510.98	840	19.11	
11/12/2004	2:30	2349	0.97	-510.95	900	19.14	
11/12/2004	3:30	2409	0.93	-510.91	960	19.18	
11/12/2004	4:30	2469	0.94	-510.92	1020	19.17	
11/12/2004	5:30	2529	0.86	-510.84	1080	19.25	
11/12/2004	6:30	2589	1.01	-510.99	1140	19.10	
11/12/2004	7:30	2649	1.21	-511.19	1200	18.90	
11/12/2004	8:30	2709	1.22	-511.2	1260	18.89	
11/12/2004	9:30	2769	1.18	-511.16	1320	18.93	
11/12/2004	10:30	2829	1.04	-511.02	1380	19.07	
11/12/2004	11:04	2863	0.99	-510.97	1414	19.12	

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APP000267

Pumping Test Data at Well PW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data		Comments
					Elapsed time since end of pumping (minutes)	Residual Drawdown (feet)	
11/11/2004	18:30	1869	2.06	-512.04	420	18.05	
11/11/2004	19:00	1899	2.07	-512.05	450	18.04	
11/11/2004	19:30	1929	1.75	-511.73	480	18.36	
11/11/2004	20:00	1959	1.63	-511.61	510	18.48	
11/11/2004	20:30	1989	1.5	-511.48	540	18.61	
11/11/2004	21:00	2019	1.52	-511.5	570	18.59	
11/11/2004	21:30	2049	1.43	-511.41	600	18.68	
11/11/2004	22:30	2109	1.32	-511.3	660	18.79	
11/11/2004	23:30	2169	1.26	-511.24	720	18.85	
11/12/2004	0:30	2229	1.1	-511.08	780	19.01	
11/12/2004	1:30	2289	1	-510.98	840	19.11	
11/12/2004	2:30	2349	0.97	-510.95	900	19.14	
11/12/2004	3:30	2409	0.93	-510.91	960	19.18	
11/12/2004	4:30	2469	0.94	-510.92	1020	19.17	
11/12/2004	5:30	2529	0.86	-510.84	1080	19.25	
11/12/2004	6:30	2589	1.01	-510.99	1140	19.10	
11/12/2004	7:30	2649	1.21	-511.19	1200	18.90	
11/12/2004	8:30	2709	1.22	-511.2	1260	18.89	
11/12/2004	9:30	2769	1.18	-511.16	1320	18.93	
11/12/2004	10:30	2829	1.04	-511.02	1380	19.07	
11/12/2004	11:04	2863	0.99	-510.97	1414	19.12	

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APP000268

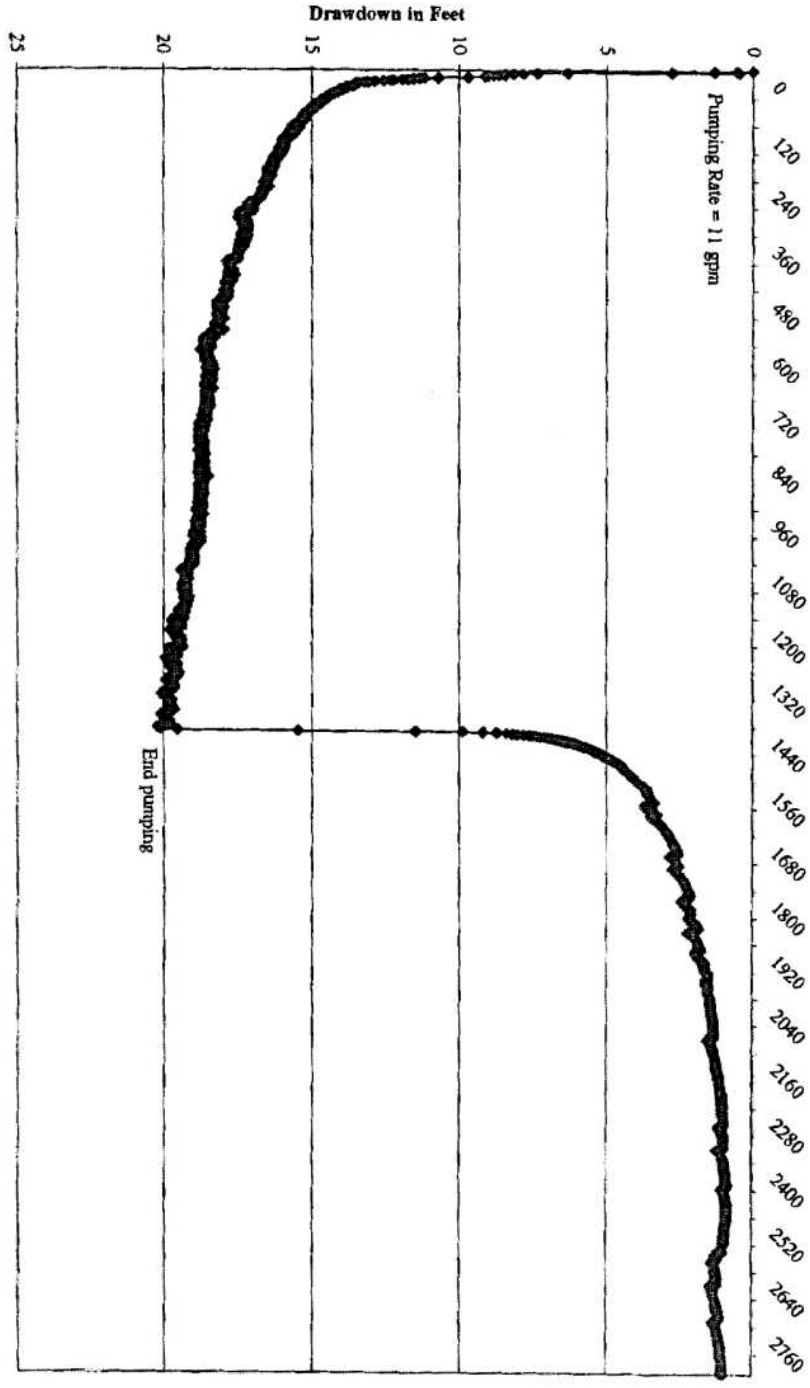


FIGURE 4
Drawdown and Recovery Curve at PW-1
Frontera Subdivision, Hays County, Texas

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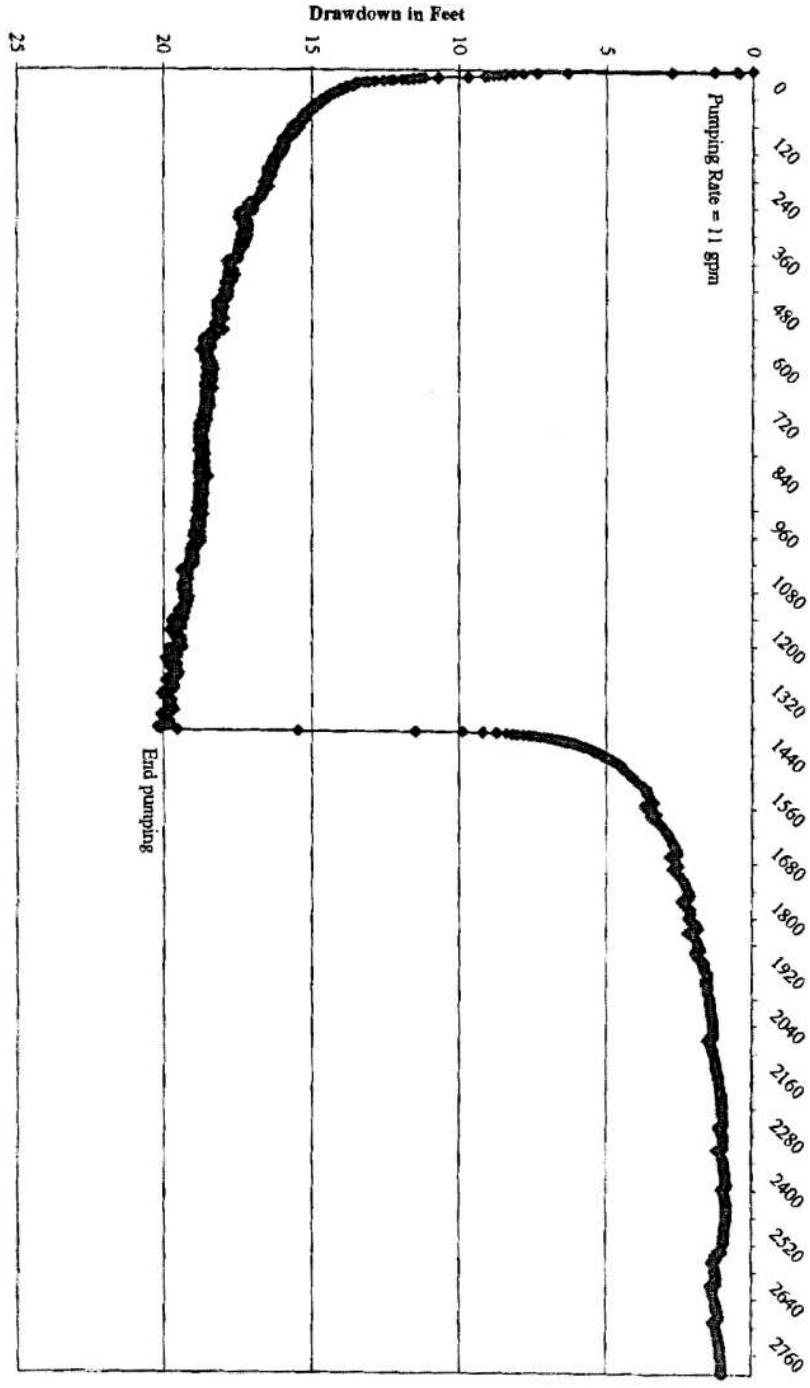
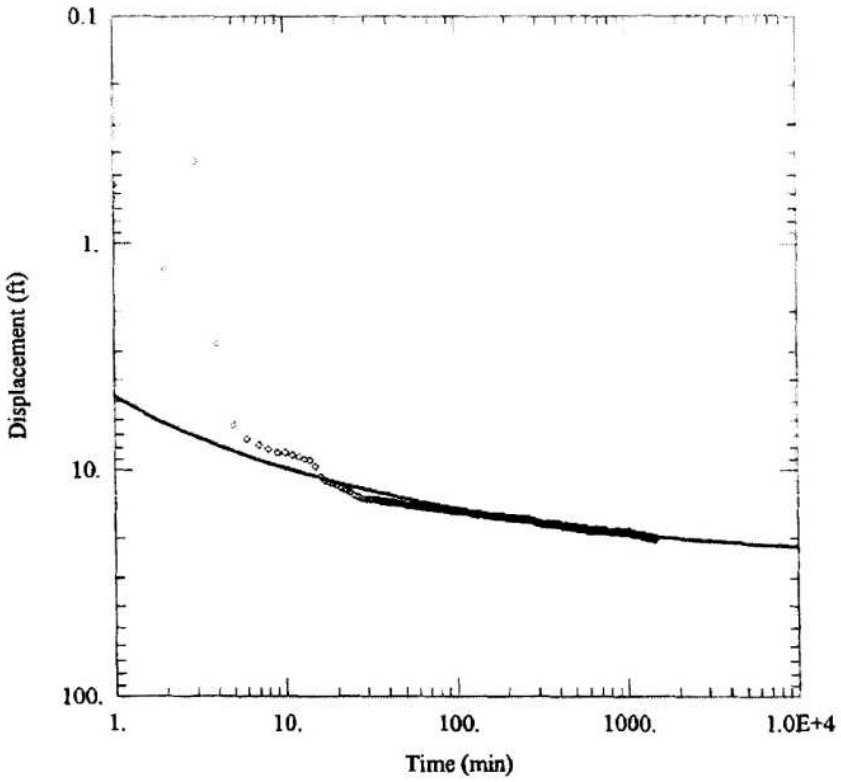


FIGURE 4
Drawdown and Recovery Curve at PW-1
Frontera Subdivision, Hays County, Texas

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DRAWDOWN AT PW-1

Data Set: C:\BGS\WellSpec\Frontera\pw-1ddT.aqt
Date: 12/12/04 Time: 15:00:04

PROJECT INFORMATION

Company: The Wellspec Company
Client: W. Graner
Project: Frontera Subdivision
Location: Hays County
Test Well: PW-1
Test Date: November 10 - 12, 2004

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
PW 1	0	0

Observation Wells

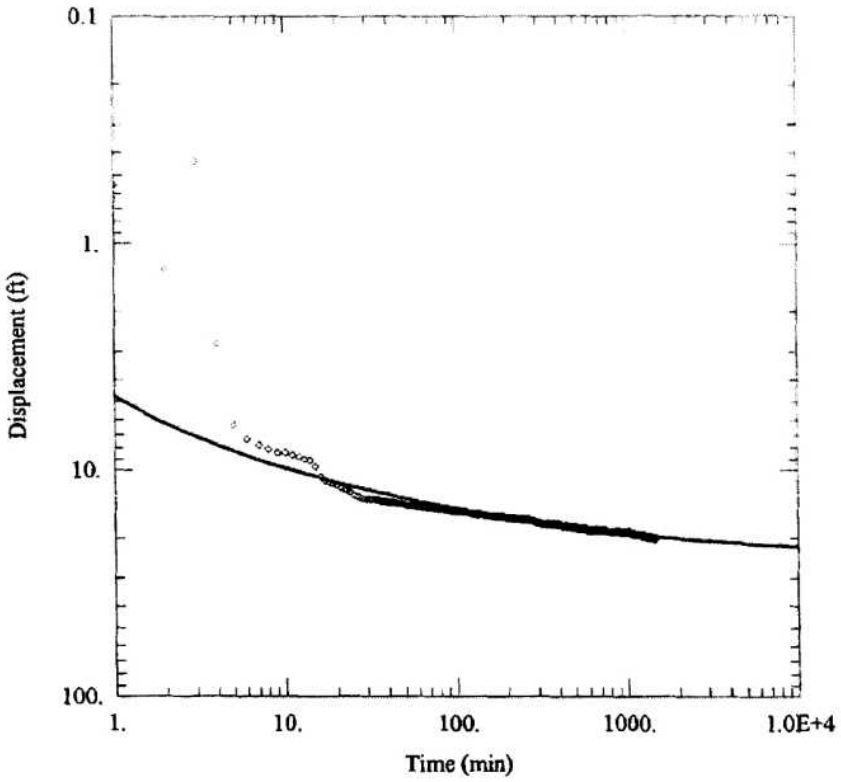
Well Name	X (ft)	Y (ft)
◦ PW 1	1	0

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 1198.1 gal/day/ft
S = 0.03517
Kz/Kr = 1.
b = 200. ft

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DRAWDOWN AT PW-1

Data Set: C:\BGS\WellSpec\Frontera\pw-1ddT.aqt
Date: 12/12/04 Time: 15:00:04

PROJECT INFORMATION

Company: The Wellspec Company
Client: W. Graner
Project: Frontera Subdivision
Location: Hays County
Test Well: PW-1
Test Date: November 10 - 12, 2004

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
PW 1	0	0

Observation Wells

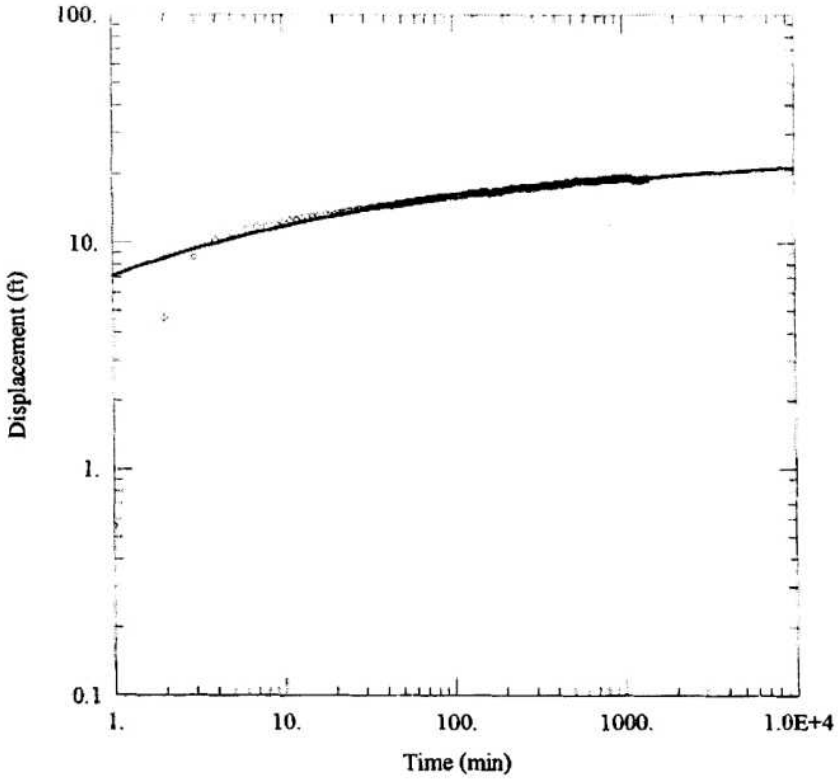
Well Name	X (ft)	Y (ft)
◦ PW 1	1	0

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 1198.1 gal/day/ft
S = 0.03517
Kz/Kr = 1.
b = 200. ft

57-48-911



RECOVERY AT PW-1

Data Set: C:\BGS\WellSpec\Frontera\pw-1recT.aqt
Date: 12/12/04 Time: 14:59:46

PROJECT INFORMATION

Company: The Wellspec Company
Client: W. Graner
Project: Frontera Subdivision
Location: Hays County
Test Well: PW-1
Test Date: November 10 - 12, 2004

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
PW 1	0	0

Observation Wells

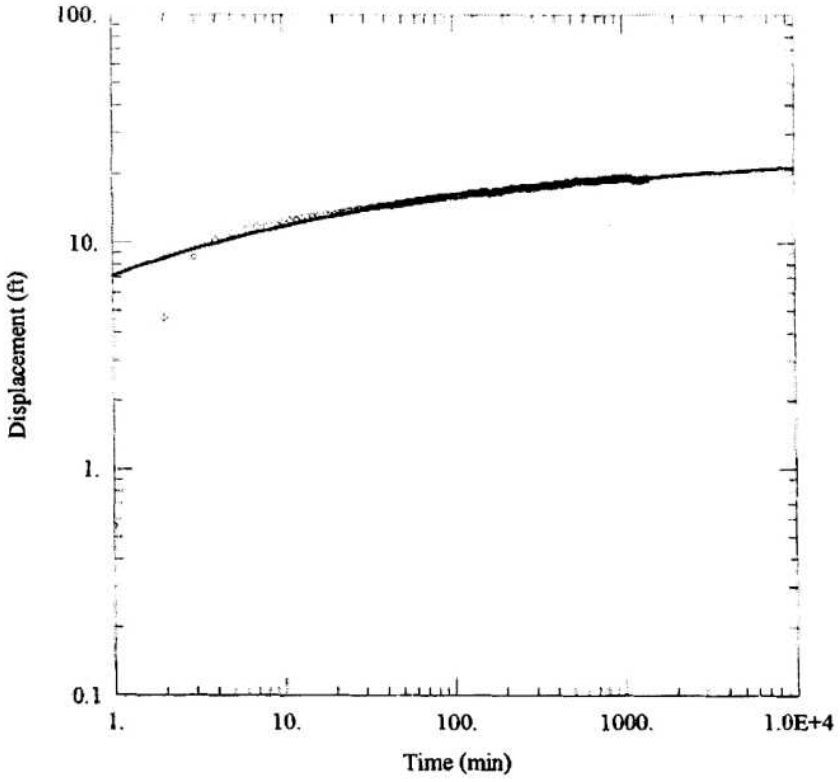
Well Name	X (ft)	Y (ft)
◦ PW 1	1	0

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 1316.2 gal/day/ft
S = 0.009572
Kz/Kr = 1.
b = 200. ft

5748911



RECOVERY AT PW-1

Data Set: C:\BGS\WellSpec\Frontera\pw-1recT.aqt
Date: 12/12/04 Time: 14:59:46

PROJECT INFORMATION

Company: The Wellspec Company
Client: W. Graner
Project: Frontera Subdivision
Location: Hays County
Test Well: PW-1
Test Date: November 10 - 12, 2004

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
PW 1	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
◦ PW 1	1	0

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 1316.2 gal/day/ft
S = 0.009572
Kz/Kr = 1.
b = 200. ft

57489W

TABLE 2
SUMMARY OF PUMPING TEST RESULTS
Frontera Subdivision, Hays County, Texas

Well	Max. Drawdown at 11 gpm (feet)	TRANSMISSIVITY (T) (gallons/day/foot)		STORATIVITY (S) (unitless)	
		Estimate from Drawdown	Estimate from Recovery	Estimate from Drawdown	Estimate from Recovery
5748911 PW	20.2	1,200	1,300	0.04	0.01
OW	3.3	2,700	3,700	0.0004	0.0002

5748911

TABLE 2
SUMMARY OF PUMPING TEST RESULTS
Frontera Subdivision, Hays County, Texas

Well	Max. Drawdown at 11 gpm (feet)	TRANSMISSIVITY (T) (gallons/day/foot)		STORATIVITY (S) (unitless)	
		Estimate from Drawdown	Estimate from Recovery	Estimate from Drawdown	Estimate from Recovery
5748911 PW	20.2	1,200	1,300	0.04	0.01
OW	3.3	2,700	3,700	0.0004	0.0002

5748911

APP000276

TABLE 3 - GROUNDWATER CHEMISTRY
Frontera Subdivision, Hays County, Texas

CONSTITUENT	CONCENTRATION	COMMENTS
Alkalinity as $CACO_3$	207 mg/L	
Chloride	145 mg/L	
Fluoride	0.88 mg/L	USEPA SMCL = 2.0 mg/L
Nitrogen, Nitrate, and Nitrite	<0.02 mg/L	
Sulfate	904 mg/L	USEPA SMCL = 250 mg/L
Calcium	132 mg/L	
Magnesium	97.1 mg/L	
Sodium	257 mg/L	
Iron	<0.05 mg/L	
Potassium	15.6 mg/L	
Arsenic	<0.04 mg/L	USEPA MCL = 0.050 mg/L
Total Dissolved Solids	1,610 mg/L	TCEQ SMCL = 1,000 mg/L
Specific Conductance	2,320 uMhos/cm	
pH	7.56	
Total Coliform	Absent*	

Analyses performed by Lower Colorado River Authority Environmental Laboratory Services

USEPA = United States Environmental Protection Agency
TCEQ = Texas Commission for Environmental Quality
MCL = maximum Contaminant Level
SMCL = secondary maximum contaminant level
* Analysis performed by Texas Department of Health

57-48-911

TABLE 3 - GROUNDWATER CHEMISTRY
Frontera Subdivision, Hays County, Texas

CONSTITUENT	CONCENTRATION	COMMENTS
Alkalinity as $CACO_3$	207 mg/L	
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TCEQ = Texas Commission for Environmental Quality
MCL = maximum Contaminant Level
SMCL = secondary maximum contaminant level
* Analysis performed by Texas Department of Health

57-48-911

DEC-02-2004 20:28 P.01

Final Analysis Report

LCRA Environmental Laboratory Services Date: 29-Nov-04

CLIENT:	The Wellspec Company	Client Sample ID: Frontera FW-1	
Lab Order:	0411305	File No: 54393	
Project:	Frontera Ranch	Collection Date: 11/11/2004 11:30:00 AM	
Lab ID:	0411305-001	Matrix: GROUNDWATER	

Analyses	Result	PQL	Qual	Units	DF	Batch ID	Date Analyzed
ICP METALS		E200.7					Analyst: TH
Arsenic	ND	0.0400		mg/L	1		11/18/2004 7:08:15 PM
Calcium	134	0.200		mg/L	1		11/18/2004 7:08:15 PM
Iron	ND	0.0500		mg/L	1		11/18/2004 7:08:15 PM
Magnesium	97.1	0.200		mg/L	1		11/18/2004 7:08:15 PM
Potassium	15.6	0.200		mg/L	1		11/18/2004 7:08:15 PM
Sodium	257	0.600		mg/L	1		11/18/2004 7:08:15 PM
HARDNESS, TOTAL		M2340 B					Analyst: TH
Hardness, Calcium/Magnesium (As CaCO3)	729	1.82		mg/L	1		11/18/2004
BACTERIA		SM9221B					Analyst: CMM
Total Coliform	Present	0		P/A	1		11/11/2004 3:25:00 PM
ANIONS BY ION CHROMATOGRAPHY		E300					Analyst: AMJ
Chloride	145	20.0		mg/L	20		11/19/2004 5:34:00 PM
Fluoride	0.88	0.01		mg/L	1		11/11/2004 6:29:00 PM
Nitrogen, Nitrate & Nitrite	ND	0.02		mg/L	1		11/11/2004 6:29:00 PM
Sulfate	304	20.0		mg/L	20		11/19/2004 5:34:00 PM
ALKALINITY		M2320 B					Analyst: CMM
Alkalinity, Total (As CaCO3)	207	2		mg/L CaCO3	1		11/22/2004
CONDUCTANCE		E120.1					Analyst: JT
Specific Conductance @ 25°C	2220	0		umhos/cm	1		11/23/2004
PH		E150.1					Analyst: LG
pH @ 25°C	7.66	0		pH units	1		11/12/2004
TOTAL DISSOLVED SOLIDS		E160.1					Analyst: JT
Total Dissolved Solids (Residue, Filterable)	1660	5.00		mg/L	1		11/18/2004

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Page 1 of 1

574911

DEC-02-2004 20:28 P.01

Final Analysis Report

LCRA Environmental Laboratory Services Date: 29-Nov-04

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Project:	Frontera Ranch	Collection Date: 11/11/2004 11:30:00 AM	
Lab ID:	0411305-001	Matrix: GROUNDWATER	

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Magnesium	97.1	0.200		mg/L	1		11/18/2004 7:08:15 PM
Potassium	15.6	0.200		mg/L	1		11/18/2004 7:08:15 PM
Sodium	257	0.600		mg/L	1		11/18/2004 7:08:15 PM
HARDNESS, TOTAL		M2340 B					Analyst: TH
Hardness, Calcium/Magnesium (As CaCO3)	729	1.62		mg/L	1		11/18/2004
BACTERIA		SM9223B					Analyst: CMM
Total Coliform	Present	0		P/A	1		11/11/2004 3:25:00 PM
ANIONS BY ION CHROMATOGRAPHY		E300					Analyst: AMJ
Chloride	145	20.0		mg/L	20		11/19/2004 5:34:00 PM
Fluoride	0.88	0.01		mg/L	1		11/11/2004 6:29:00 PM
Nitrogen, Nitrate & Nitrite	ND	0.02		mg/L	1		11/11/2004 6:29:00 PM
Sulfate	304	20.0		mg/L	20		11/19/2004 5:34:00 PM
ALKALINITY		M2320 B					Analyst: CMM
Alkalinity, Total (As CaCO3)	207	2		mg/L CaCO3	1		11/22/2004
CONDUCTANCE		E120.1					Analyst: JT
Specific Conductance @ 25°C	2220	0		umhos/cm	1		11/23/2004
PH		E150.1					Analyst: LG
pH @ 25°C	7.88	0		pH units	1		11/12/2004
TOTAL DISSOLVED SOLIDS		E160.1					Analyst: JT
Total Dissolved Solids (Residue, Filterable)	1640	5.00		mg/L	1		11/18/2004

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Page 1 of 1

574911

Hays - Jennings
GWCD
April 25, 2005

WATER AVAILABILITY INVESTIGATION
FRONTERA SUBDIVISION
HAYS COUNTY, TEXAS

December 2004

Prepared for:

Graner Associates, Inc.

Austin, Texas 78620

Prepared by:

The Wellspec Company
P.O. Box 1156
Dripping Springs, Texas 78620

and,

BOND GEOLOGICAL SERVICES
1501 N. Rainbow Ranch Rd.
Wimberley, Texas 78676

#COI - BSHCD
Report Reference

Frontera-04.pdf

57-48-911

Hays - Jennifer
GWCD
April 25, 2005

WATER AVAILABILITY INVESTIGATION
FRONTERA SUBDIVISION
HAYS COUNTY, TEXAS

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Prepared for:

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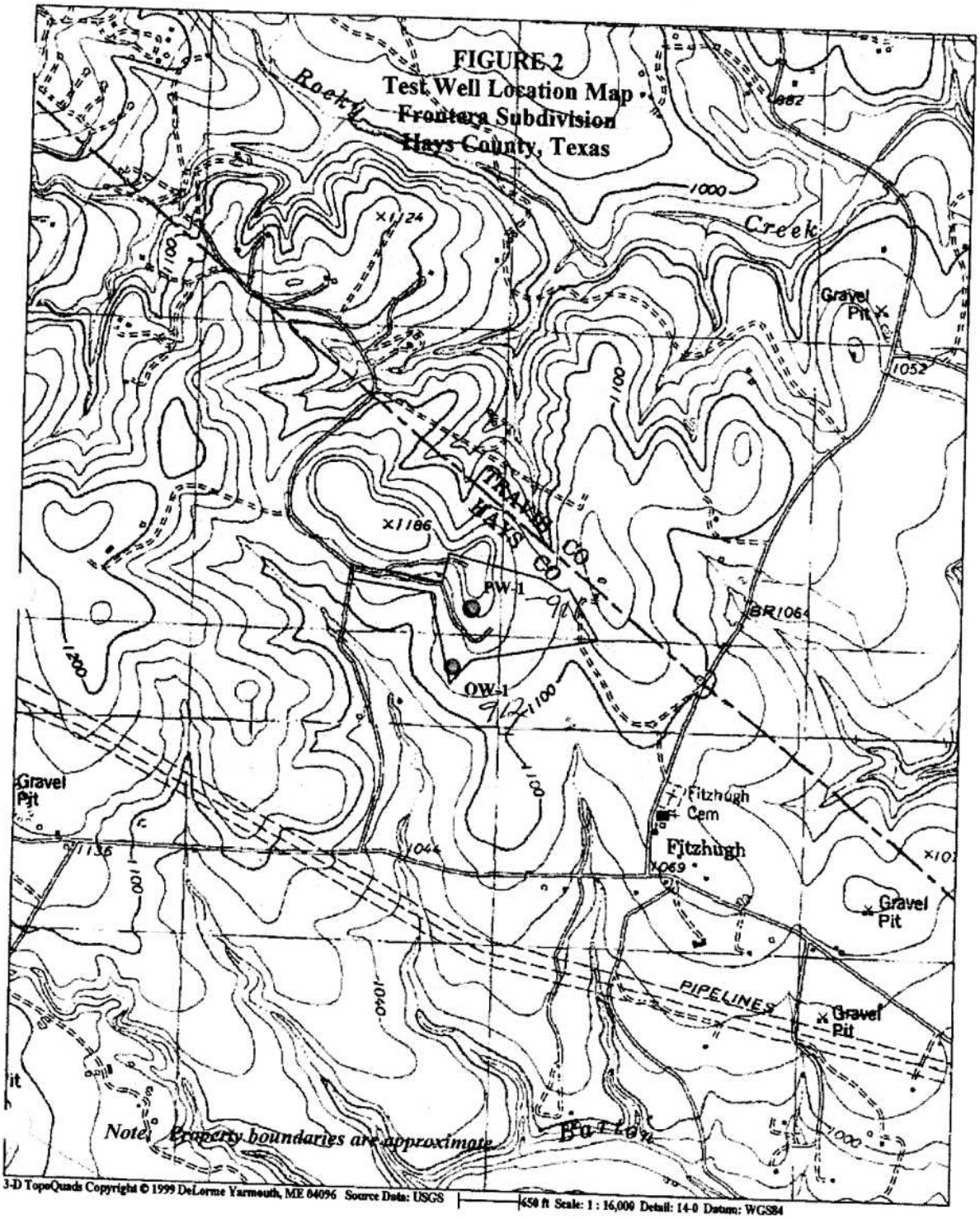
BOND GEOLOGICAL SERVICES
1501 N. Rainbow Ranch Rd.
Wimberley, Texas 78676

#20 - BSAGD Report Jan 2006

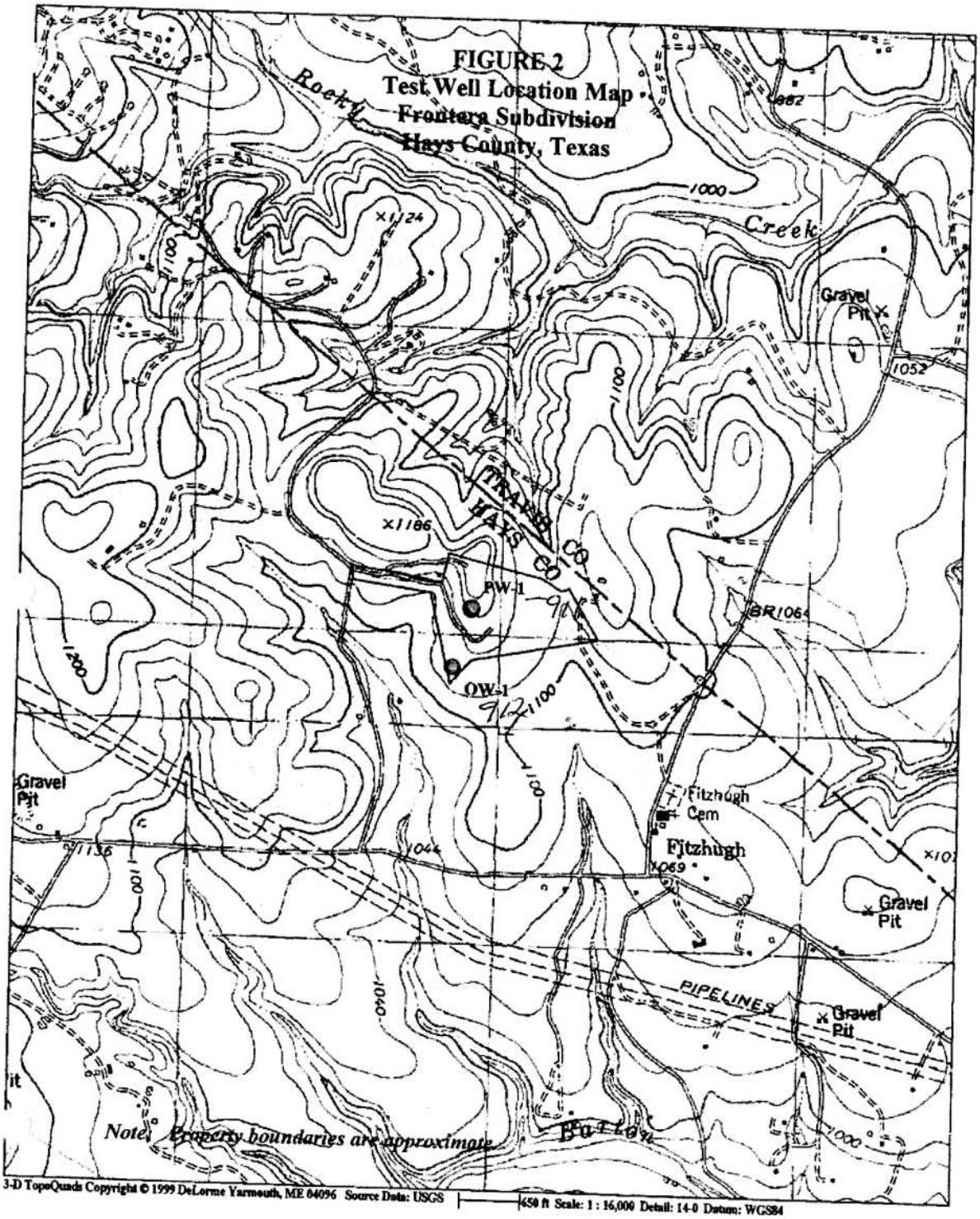
Frontera-04.pdf

57-48-911

APP000282


FIGURE 2
Test Well Location Map
Frontera Subdivision
Hays County, Texas
Roehl
Creek
Gravel Pit
HAYS CO
PW-1
OW-1
BR1064
Fitzhugh Cem
Fitzhugh
PIPELINES
Gravel Pit
Note: Property boundaries are approximate
3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS
650 ft Scale: 1 : 16,000 Detail: 14-0 Datum: WGS84

57-48-911, 912


FIGURE 2
Test Well Location Map
Frontera Subdivision
Hays County, Texas
Roehl
Creek
Gravel Pit
1052
TRAVIS CO
HAYS CO
PW-1
OW-1
BR106
Fitzhugh Cem
Fitzhugh
Gravel Pit
PIPELINES
Gravel Pit
Gravel Pit
Note: Property boundaries are approximate
3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS
4650 ft Scale: 1 : 16,000 Detail: 14-0 Datum: WGS84

57-48-911, 912

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
35	2 of 2	NW	0.67 / 3,522.73	WALT GRANER 11951 BONHAM RANCH RD. DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO:	49944
Date Submitted:	2004-12-14
Owner Name:	WALT GRANER
Owner Address:	3006 BEE CAVES RD. B 160
Owner Address2:	
Owner City:	AUSTIN
Owner State:	TX
Owner Zip:	78746
County:	Hays
Type of Work:	New Well
Typ of Wrk Oth Descr:	
Proposed Use:	Domestic
Prop Use Oth Descr:	
Latitude:	30.253889
Longitude:	-98.034722
Drilling Date Started:	2004-11-05
Drilling Date Completed:	2004-11-06
Chemical Analysis:	No
Company Name:	BEE CAVE DRILLING, INC.
Company Address:	185 ANGELFIRE DR.
CompanyAddress2:	
Company City:	DRIPPING SPRINGS
Company State:	TX
Company Zip:	78620
Company Country:	
Data Source:	Full SDR Database; SDRDB Well Location (Map)
Report Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=49944&Type=SDR-Well

Well Borehole Information

Top Depth:	
Bottom Depth:	770.0
Top Depth:	30
Bottom Depth:	770
Top Depth:	0
Bottom Depth:	30

Well Levels

Measurement:	505
Measurement Date:	2004-11-08

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
36	1 of 1	WNW	0.67 / 3,531.44	MARCELINO ACOSTA 12027 Bonham Ranch Rd Lot 21 Dripping Springs TX 78620	SDRW WELLS

Track NO: 60083
Date Submitted: 2005-06-01
Owner Name: MARCELINO ACOSTA
Owner Address: 7107 Westgate Blvd.
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78745
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.243056
Longitude: -98.035556
Drilling Date Started: 2005-04-18
Drilling Date Completed: 2005-04-18
Chemical Analysis: No
Company Name: Western Water Wells
Company Address: 500 Southland Drive
CompanyAddress2:
Company City: Burnet
Company State: TX
Company Zip: 78611
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=60083&Type=SDR-Well

Well Borehole Information

Top Depth: 30
Bottom Depth: 750

Top Depth:
Bottom Depth: 750.0

Top Depth: 0
Bottom Depth: 30

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
37	1 of 1	WSW	0.67 / 3,543.56	JOHN HALL TX	TCEQ WELL LOGS

Grid No:	58-49-2
Date Drilled:	07/08/1999
Owners Name:	JOHN HALL
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	NOT REPORTED
Depth Drilled:	630
Latitude:	30.242335
Longitude:	-98.036966

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** HALL, JOHN (Name) — **ADDRESS** P. O. BOX 129 (Street or RFD) MANCHACA, (City) TX. (State) 78652-0129 (Zip)

2) **ADDRESS OF WELL:** County HAYS — 12304 TRIPLE CR. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip) GRID # 58-49-2

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 13.67 W 097° 56.64

6) WELL LOG: Date Drilling: Started 07-08- 19 99 Completed 07-08- 19 99

DIAMETER OF HOLE		
Dia.. (in.)	From (ft.)	To (ft.)
8 3/4"	Surface	12'
6"	12'	630'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	1	LEDGEROCK
1	18	CALICHE
18	26	BLUE
26	580	GRAY
580	585	GRAY W/CLAY
585	625	GRAY W/TAN
625	630	HAMMID CLAY

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5 OD	N	PVC PLASTIC	0	630	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 30 ft. No. of sacks used 5
____ ft. to ____ ft. No. of sacks used ____
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance WELL DRILLED FIRST

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ____ ft. below land surface Date ____
Artesian flow ____ gpm Date ____

12) PACKERS:

	Type	Depth
3	BURLAP & PLASTIC	30', 490', 510'

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS: Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 30-35 gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? GLENROSE Depth of strata 35
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) — **WELL DRILLER'S LICENSE NO.** #4227

ADDRESS 2520 HWY. 290 WEST (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) Aaron Glass (Licensed Well Driller) ID **(Signed)** ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

MP #
APR 03 2000
COMMENT

TNRCC-0199 (Rev. 11-1-94) DRILLERS COPY — TNRCC COPY — OWNERS COPY

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** HALL, JOHN (Name) **ADDRESS** P. O. BOX 129 (Street or RFD) MANCHACA, (City) TX. (State) 78652-0129 (Zip)

2) **ADDRESS OF WELL:** County HAYS 12304 TRIPLE CR. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip) GRID # 58-49-2

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 13.67 W 097° 56.64 N

6) WELL LOG: Date Drilling: Started 07-08- 19 99 Completed 07-08- 19 99

DIAMETER OF HOLE		
Dia.. (in.)	From (ft.)	To (ft.)
8 3/4"	Surface	12'
6"	12'	630'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	1	LEDGEROCK
1	18	CALICHE
18	26	BLUE
26	580	GRAY
580	585	GRAY W/CLAY
585	625	GRAY W/TAN
625	630	HAMMID CLAY

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ft. to ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5 OD	N	PVC PLASTIC	0	630	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 30 ft. No. of sacks used 5
ft. to ft. No. of sacks used
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance WELL DRILLED FIRST

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
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11) WATER LEVEL
Static Level ft. below land surface Date
Artesian flow gpm Date

12) PACKERS:

	Type	Depth
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13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

14) WELL TESTS: Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 30-35 gpm with ft. drawdown after hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? GLENROSE Depth of strata 35
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) **WELL DRILLER'S LICENSE NO.** #4227

ADDRESS 2520 HWY. 290 WEST (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) Aaron Glass (Licensed Well Driller) ID **(Signed)** (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) DRILLERS COPY TNRCC COPY OWNERS COPY

MP #
APR 03 2000
COMMENT

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
38	1 of 1	SSE	0.68 / 3,570.60	Ali Arabzadegan 12720 Pauls Valley Road Austin TX 78737	SDRW WELLS

Track NO: 83045
Date Submitted: 2006-05-17
Owner Name: Ali Arabzadegan
Owner Address: 12720 Pauls Valley Road
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78737
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.233611
Longitude: -98.0175
Drilling Date Started: 2006-05-08
Drilling Date Completed: 2006-05-10
Chemical Analysis: No
Company Name: Associated Drilling Co.
Company Address: P.O. Box 1060
CompanyAddress2:
Company City: Manchaca
Company State: TX
Company Zip: 78652
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=83045&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 700.0

Top Depth: 20
Bottom Depth: 700

Top Depth: 0
Bottom Depth: 20

Well Levels

Measurement: 280
Measurement Date: 2006-05-15

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
39	1 of 1	W	0.68 / 3,581.59	CSME DEVELOPMENT 12155 BONHAM RANCH RD. DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 116073
Date Submitted: 2007-07-05
Owner Name: CSME DEVELOPMENT
Owner Address: P. O. BOX 100
Owner Address2:
Owner City: DRIFTWOOD
Owner State: TX
Owner Zip: 78619
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.247222
Longitude: -98.038056
Drilling Date Started: 2007-05-04
Drilling Date Completed: 2007-05-04
Chemical Analysis: No
Company Name: CENTRAL TEXAS DRILLING, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=116073&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 690.0

Top Depth: 0
Bottom Depth: 50

Top Depth: 50
Bottom Depth: 690

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
40	1 of 1	ESE	0.69 / 3,626.65	Lesco Corp TX	GWDB

Well Rep Track No:	
State Well NO:	5756301
Owner Name:	Lesco Corp
Drilling Start Dt:	
Drilling Month:	2
Drilling Day:	22
Drilling Year:	1972
Well Depth:	420
Well Usage:	Unused
Water Level Status:	
Latitude:	30.2419450
Longitude:	-98.0088890
Data Source:	Groundwater Database (GWDB) Reports; GIS shapefile of GWDB well locations
Well Info Report:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetReports.aspx?Num=5756301&Type=GWDB
Document Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetScannedImage.aspx?Num=5756301&Cnty=Travis

TEXAS WATER DEVELOPMENT BOARD

WELL SCHEDULE

Aquifer Kfk Kpl Kbu + Kgu Field No. State Well No. 57-56-301

Owner's Well No. County Travis

1. Location: 1/4, 1/4 Sec., Block, Survey

2. Owner: Texas Corp. Address: 9325 Burnet Rd., Austin

Tenant: Paint military installation Address:

Driller: W.H. Glass Address: 2408 Manor Rd., Austin 78723

3. Elevation of LSD is 940 ft. above msl, determined by Topo

4. Drilled: 2-22 1972, Dug, (Cable Tool), Rotary,

5. Depth: Rept. ft. Meas. 420 ft.

6. Completion: (Open Hole), Straight Wall, Underreamed, Gravel Packed

7. Pump: Mfgr. Type

No. Stages, Bowls Diam. in., Setting ft.

Column Diam. in., Length Tailpipe ft.

8. Motor: Fuel Make & Model HP.

9. Yield: Flow gpm, Pump gpm, Meas., Rept., Est.

10. Performance Test: Date Length of Test ½ hr. Made by

Static Level ft. Pumping Level ft. Drawdown 100 ft.

Production 8 gpm Specific Capacity gpm/ft.

CASING & BLANK PIPE
Cemented From 0 ft. to 6 ft.

Diam. (in.)	Type	Setting, ft. from	to
7	Steel	0	6

11. Water Level: 179 ft. (rept.) meas. 2-22 1972 above below surface, which is ft. above below surface.

100.5 ft. rept. meas. 5-22 1972 above below Top casing, which is 0.4 ft. above below surface.

108.9 ft. rept. meas. 6-29 1973 above below surface, which is ft. above below surface.

ft. rept. meas. 19 above below surface, which is ft. above below surface.

12. Use: (Dom.) Stock, Public Supply, Ind., Irr., Waterflooding, Observation, (Not Used),

13. Quality: (Remarks on taste, odor, color, etc.)

Temp. 72 °F, Date sampled for analysis 5-22-72 Laboratory SHD

Temp. °F, Date sampled for analysis Laboratory

Temp. °F, Date sampled for analysis Laboratory

14. Other data available as circled: Driller's Log, Radioactivity Log, Electric Log,

Formation Samples, Pumping Test

15. Record by: G. Brown Date 5-12 1972

Source of Data W.W. Reports

16. Remarks:

Good observation well

WELL SCREEN
Screen Openings

Diam. (in.)	Type	Setting, ft. from	to
6¼	Open hole	6	420

57-56-301

TWDBE-WO-2

(Sketch)

TEXAS WATER DEVELOPMENT BOARD

WELL SCHEDULE

Aquifer Kpk Kpa + Kpu

Field No.

State Well No. 57-56-301

Owner's Well No.

County Travis

1. Location: 1/4, 1/4 Sec., Block Survey

2. Owner: Texas Corp. Address: 9325 Burnet Rd., Austin

Tenant: Paint painting installation Address:

Driller: W.H. Glass Address: 2408 Manor Rd., Austin 78723

3. Elevation of LSD is 940 ft. above msl, determined by Topo

4. Drilled: 2-22 1972 ; Dug, (Cable Tool), Rotary,

5. Depth: Rept. ft. Meas. 420 ft.

6. Completion: (Open Hole), Straight Wall, Underreamed, Gravel Packed

7. Pump: Mfgr. Type

No. Stages , Bowls Diam. in., Setting ft.

Column Diam. in., Length Tailpipe ft.

8. Motor: Fuel Make & Model HP.

9. Yield: Flow gpm, Pump gpm, Meas., Rept., Est.

10. Performance Test: Date Length of Test 1/2 hr. Made by

Static Level ft. Pumping Level ft. Drawdown 100 ft.

Production 8 gpm Specific Capacity gpm/ft.

CASING & BLANK PIPE
Cemented From 0 ft. to 6 ft.

Diam. (in.)	Type	Setting, ft. from	to
7	Steel	0	6

11. Water Level: 179 ft. (rept.) meas. 2-22 1972 above below surface, which is ft. above below surface.

100.5 ft. rept. meas. 5-22 1972 above below Top casing, which is 0.4 ft. above below surface.

108.9 ft. rept. meas. 6-29 1973 above below surface, which is ft. above below surface.

ft. rept. meas. 19 above below surface, which is ft. above below surface.

12. Use: (Dom.) Stock, Public Supply, Ind., Irr., Waterflooding, Observation, (Not Used),

13. Quality: (Remarks on taste, odor, color, etc.)

Temp. 72 °F, Date sampled for analysis 5-22-72 Laboratory SHD

Temp. °F, Date sampled for analysis Laboratory

Temp. °F, Date sampled for analysis Laboratory

14. Other data available as circled: Driller's Log, Radioactivity Log, Electric Log, Formation Samples, Pumping Test

15. Record by: G. Brown Date 5-12 1972

Source of Data W.W. Reports

16. Remarks:

Good observation well

WELL SCREEN
Screen Openings

Diam. (in.)	Type	Setting, ft. from	to
6 1/4	Open hole	6	420

57-56-301

TWDBE-WO-2

(Sketch)

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No.
Located on map
Received:

1) OWNER:
Person having well drilled: Lesco Corp. (Name) Address: 9325 Burnet Rd (Street or RFD) Austin (City) Tx (State)
Landowner: Lesco Corp. Jim Sinclair (Name) Address: Above (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County: Travis 21 miles in W. (N.E., S.W., etc.) direction from Austin (Town) Texas

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*
(Map reverse side) North
(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.
Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic ✓ Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary Driven Dug
Cable ✓ Jetted Bored

6) WELL LOG:
Diameter of hole 6 1/4 in. Depth drilled 420 ft. Depth of completed well 420 ft. Date drilled 2-22-74
All measurements made from top - 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	4	Surface
4	16	Yellow Rock
16	136	Gray Lime
136	138	Soap Stone
138	214	Gray Lime
214	225	Water Sand
225	310	White Lime
310	407	Gray Lime
407	410	Soap Stone
410	420	Gray Lime

(Use reverse side if necessary)

9) Casing:
Type: Old ✓ New Steel ✓ Plastic Other
Cemented from top - ft. to 6 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
T.O.B.	1ft. Above	- 6ft.	

10) SCREEN:
Type _____
Perforated Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 170 ft. below land surface Date 2-22-74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test 8 gpm with 100 ft. drawdown after 1/2 hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No ✓
Type of water? Good depth of strata 11 ft.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME W. H. Glass (Type or Print) Water Well Drillers Registration No. 91
ADDRESS 2408 Manor Rd. (Street or RFD) Austin (City) Texas (State) 78722
(Signed) W. H. Glass (Water Well Driller) W. Hugh Glass & Sons (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available. YD57-56-301

*Additional instructions on reverse side.

TWDBE-CW-53

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No.
Located on map
Received:

1) OWNER:
Person having well drilled: Lesco Corp. (Name) Address: 9325 Burnet Rd (Street or RFD) Austin (City) Tx (State)
Landowner: Lesco Corp. Jim Sinclair (Name) Address: Above (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County: Travis 21 miles in W. (N.E., S.W., etc.) direction from Austin (Town) Texas

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*
(Map reverse side) North
(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.
Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic ✓ Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary Driven Dug
Cable ✓ Jetted Bored

6) WELL LOG:
Diameter of hole 6 1/4 in. Depth drilled 420 ft. Depth of completed well 420 ft. Date drilled 2-22-74
All measurements made from top - 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	4	Surface
4	16	Yellow Rock
16	136	Gray Lime
136	138	Soap Stone
138	214	Gray Lime
214	225	Water Sand
225	310	White Lime
310	407	Gray Lime
407	410	Soap Stone
410	420	Gray Lime

(Use reverse side if necessary)

9) Casing:
Type: Old Hew ✓ Steel ✓ Plastic Other
Cemented from top - ft. to 6 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
T.O.B.	1ft. Above	- 6ft.	

10) SCREEN:
Type _____
Perforated Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 170 ft. below land surface Date 2-22-74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test 8 gpm with 100 ft. drawdown after 1/2 hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No ✓
Type of water? Good depth of strata 11 ft.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME W. H. Glass (Type or Print) Water Well Drillers Registration No. 91
ADDRESS 2408 Manor Rd. (Street or RFD) Austin (City) Texas (State) 78722
(Signed) W. H. Glass (Water Well Driller) W. Hugh Glass & Sons (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available. YD57-56-301

*Additional instructions on reverse side.

TWDBE-CW-53

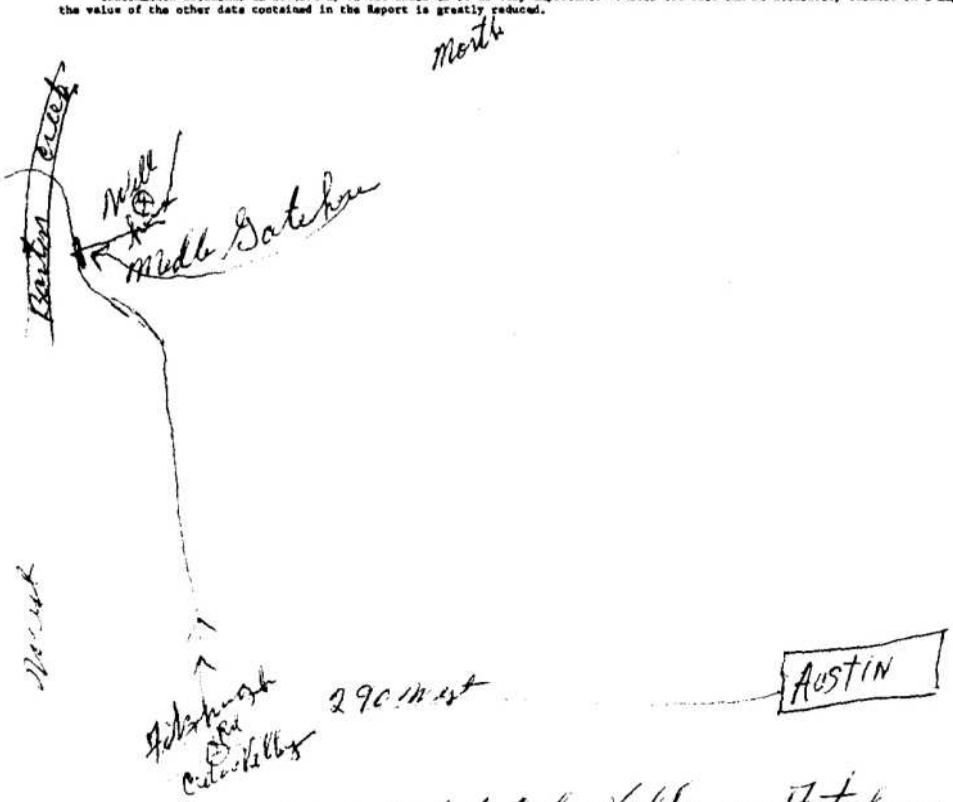
2)LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area, e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.



Turn out 290 West to Cedar Valley or Fitzhugh Rd. turn Right go about 3/4 miles to Barton creek. about 1/4 mi before you get to Barton creek. turn Right through middle gate

58-56-30

57-56-301

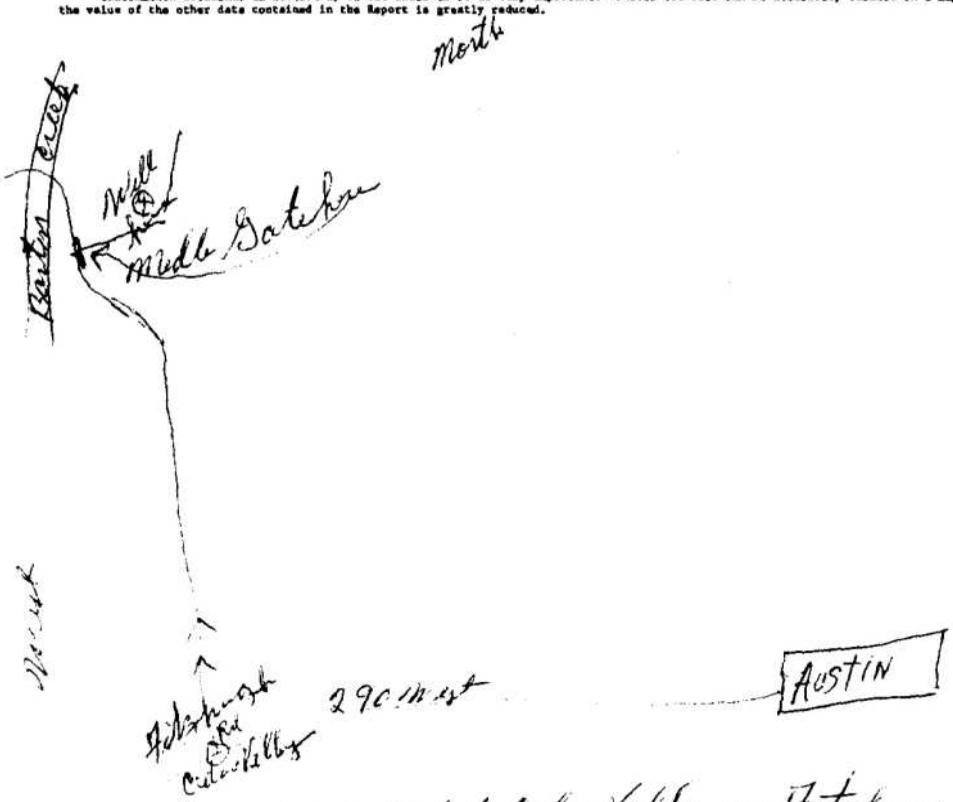
2)LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area, e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.



Turn out 290 West to Cedar Valley or Fitzhugh Rd. turn Right go about 3/4 miles to Barton creek. about 1/4 mi before you get to Barton creek. turn Right through middle gate

58-56-30

57-56-301

TWDBE-GW ONLY

Sta No. 110

Proj. No.

CHEMICAL WATER ANALYSIS REPORT

Typewrite (Black ribbon) or Print Plainly
(soft pencil or black ink)
Do not use ball point pen

Texas State Department of Health Laboratories
1100 West 49th Street
Austin 5, Texas

Send report to:

Ground Water Division
Texas Water Development Board
P.O. Box 13087
Austin, Texas 78711

County Travis

State Well No. 57 - 56 - 301

Well No.

Date Collected May 22, 1972

By G. Brand

Location

Source (type of well) Owner Texas Corp.

Date Drilled Depth ft. WLF

Producing intervals Water level ft.

Sampled after pumping hrs. Yield GPM meas. est. Temperature °F °C

Point of collection Appearance
clear - turbid - colored

Use Remarks

FOR LABORATORY USE ONLY

CHEMICAL ANALYSIS

KEY PUNCHED

Laboratory No. 230619 Date Received MAY 30 1972 Date Reported JUN. - 9. 1972

	MG/L	ME/L		MG/L	ME/L
Silica	4		Carbonate		0
Calcium	309	15.44	Bicarbonate 145	295	4.84
Magnesium	206	16.96	Sulfate	1330	27.72
Sodium	45	1.94	Chloride	42	1.17
	Total	34.34	Fluoride	3.1	0.16
☐ Potassium			Nitrate	<0.4	[redacted]
☐ Manganese		Alk.	pH 7.8	Total	33.89
☐ Boron		SAR	1/ Dissolved Solids (sum)		2080
☐ Total Iron		RSC	Phenolphthalein Alkalinity as C sCO_3		0
☐ (other)			Total Alkalinity as C sCO_3 (4.84)		242
Specific Conductance (micromhos/cm3)		2300	Total Hardness as C sCO_3 (32.40)		1620
Diluted Conductance (micromhos/cm3)		36 x 110			
"☐" items will be analyzed if checked.		3960	Analyst		
Total Iron requires separate sample.			Checked by		

1/ The bicarbonate reported in this analysis is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.

TWDBE-GW-50

TWDBE-GW ONLY

Sta No. 110

Proj. No.

CHEMICAL WATER ANALYSIS REPORT

Typewrite (Black ribbon) or Print Plainly
(soft pencil or black ink)
Do not use ball point pen

Texas State Department of Health Laboratories
1100 West 49th Street
Austin 5, Texas

Send report to:

Ground Water Division
Texas Water Development Board
P.O. Box 13087
Austin, Texas 78711

County Travis

State Well No. 57 - 56 - 301

Well No.

Date Collected May 22, 1972

By G. Brand

Location

Source (type of well) Owner Texas Corp.

Date Drilled Depth ft. WLF

Producing intervals Water level ft.

Sampled after pumping hrs. Yield GPM meas. est. Temperature °F °C

Point of collection Appearance clear - turbid - colored

Use Remarks

FOR LABORATORY USE ONLY

CHEMICAL ANALYSIS

KEY PUNCHED

Laboratory No. 230619 Date Received MAY 30 1972 Date Reported JUN. - 9. 1972

	MG/L	ME/L		MG/L	ME/L
Silica	4		Carbonate		0
Calcium	309	15.44	Bicarbonate 145	295	4.84
Magnesium	206	16.96	Sulfate	1330	27.72
Sodium	45	1.94	Chloride	42	1.17
	Total	34.34	Fluoride	3.1	0.16
☐ Potassium			Nitrate	<0.4	[redacted]
☐ Manganese		Alk.	pH 7.8	Total	33.89
☐ Boron		SAR	1/ Dissolved Solids (sum)		2080
☐ Total Iron		RSC	Phenolphthalein Alkalinity as C sCO_3		0
☐ (other)			Total Alkalinity as C sCO_3	(4.84)	242
Specific Conductance (micromhos/cm3)	2300		Total Hardness as C sCO_3	(32.40)	1620
Diluted Conductance (micromhos/cm3)	36 x 110				
"☐" items will be analyzed if checked.	3960		Analyst		

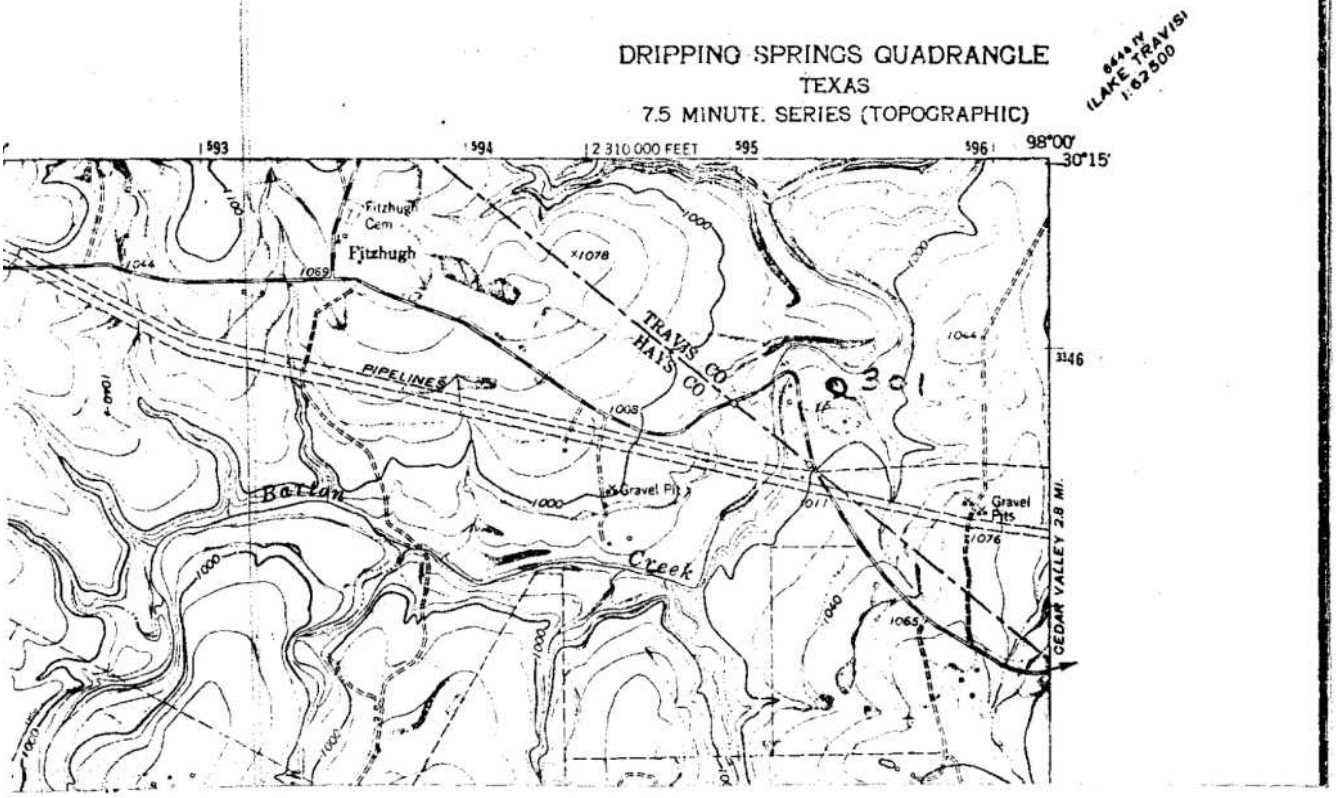
Total Iron requires separate sample.

Checked by

1/ The bicarbonate reported in this analysis is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.

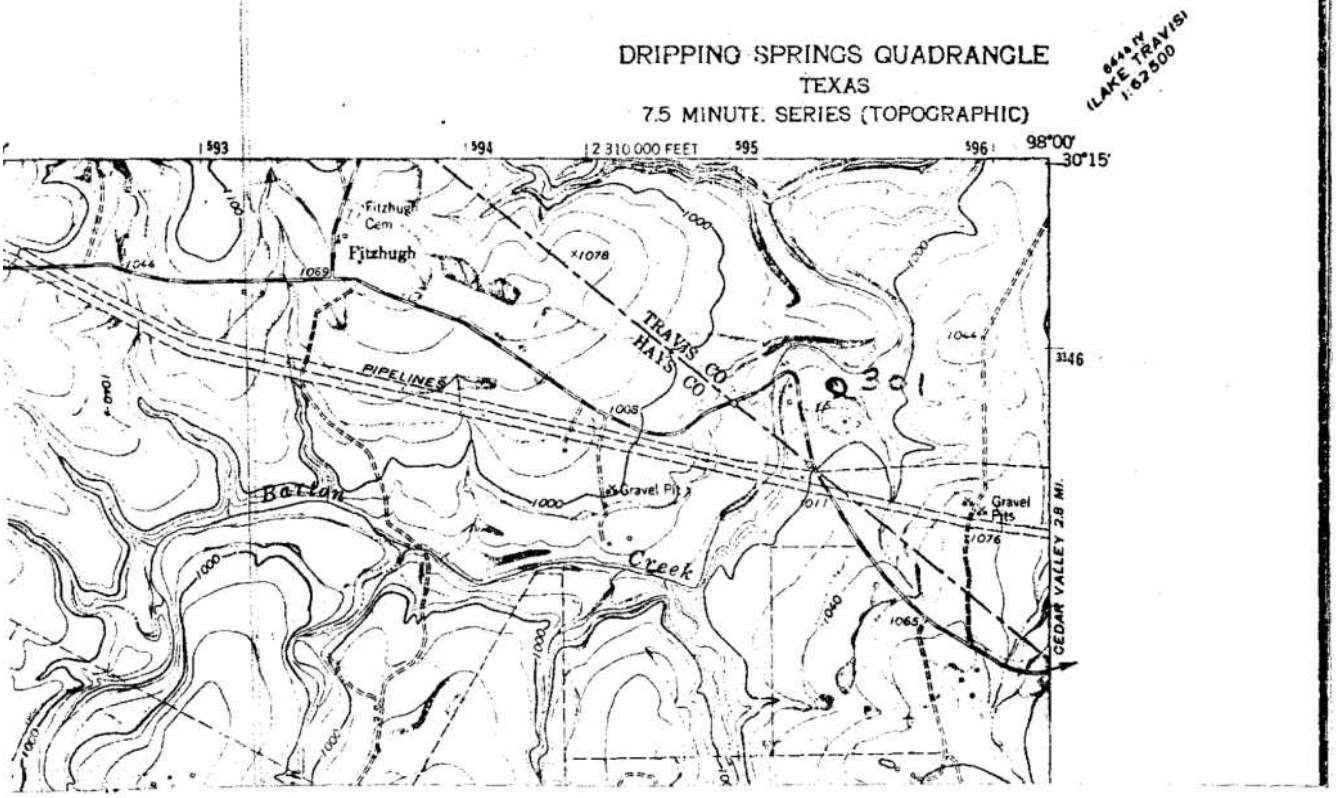
TWDBE-GW-50

From (ft.)	To (ft.)	Description and color of formation material
0	4	Surface
4	16	Yellow Rock
16	136	Gray Lime
136	138	Soap Stone
138	214	Gray Lime
214	225	Water Sand
225	310	White Lime
310	407	Gray Lime
407	410	Soap Stone
410	420	Gray Lime



57-56-301

From (ft.)	To (ft.)	Description and color of formation material
0	4	Surface
4	16	Yellow Rock
16	136	Gray Lime
136	138	Soap Stone
138	214	Gray Lime
214	225	Water Sand
225	310	White Lime
310	407	Gray Lime
407	410	Soap Stone
410	420	Gray Lime



57-56-301

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
41	1 of 1	WSW	0.70 / 3,685.13	MIKE CULLENDER/ENDRES JOB 12417 TRIPLE CREEK DRIVE DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 428112
Date Submitted: 2016-07-28
Owner Name: MIKE CULLENDER/ENDRES JOB
Owner Address: 12417 TRIPLE CREEK DRIVE
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.2401
Longitude: -98.03565
Drilling Date Started: 2016-05-24
Drilling Date Completed: 2016-05-24
Chemical Analysis: No
Company Name: CENTEX PUMP & SUPPLY, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=428112&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 770.0

Top Depth: 0
Bottom Depth: 50

Top Depth: 50
Bottom Depth: 770

Well Levels

Measurement: 465
Measurement Date: 2016-05-24

Well Strata

Water Type:

LOWER TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
42	1 of 1	SSW	0.72 / 3,783.45	Sean Murphy 12288 Trautwein Rd. Austin TX 78737	SDRW WELLS

Track NO: 603538
Date Submitted: 2022-04-26
Owner Name: Sean Murphy
Owner Address: 1101 West 34th St.
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78705
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.233333
Longitude: -98.025833
Drilling Date Started: 2022-03-29
Drilling Date Completed: 2022-03-29
Chemical Analysis: No
Company Name: Centex Pump & Supply, Inc.
Company Address: 2520 Hwy. 290 West
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=603538&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 730.0

Top Depth: 0
Bottom Depth: 100

Top Depth: 100
Bottom Depth: 730

Well Levels

Measurement: 459
Measurement Date: 2022-04-02

Well Strata

Water Type:

Lower Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
43	1 of 2	ESE	0.72 / 3,806.28	Jim Spry 14105 Fizhugh Road Austin TX 78736	SDRW WELLS

Track NO: 541565
Date Submitted: 2020-04-23
Owner Name: Jim Spry
Owner Address: 14105 Fizhugh Road
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78736
County: Travis
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.241883
Longitude: -98.010467
Drilling Date Started: 2020-03-25
Drilling Date Completed: 2020-03-25
Chemical Analysis: No
Company Name: Associated Drilling Inc
Company Address: PO Box 673
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=541565&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 710.0

Top Depth: 0
Bottom Depth: 50

Top Depth: 50
Bottom Depth: 710

Well Levels

Measurement: 308
Measurement Date: 2020-03-25

Well Strata

Water Type:

Hosston Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
43	2 of 2	ESE	0.72 / 3,806.28	Joe Terry 14101 Fitzhugh Rd. Austin TX 78737	SDRW WELLS

Track NO: 377567
Date Submitted: 2014-10-10
Owner Name: Joe Terry
Owner Address: 14101 Fitzhugh Rd.
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78737
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.237222
Longitude: -98.010834
Drilling Date Started: 2014-08-20
Drilling Date Completed: 2014-08-20
Chemical Analysis: No
Company Name: Associated Drilling Inc.
Company Address: PO Box 673
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=377567&Type=SDR-Well

Well Borehole Information

Top Depth: 50
Bottom Depth: 725

Top Depth:
Bottom Depth: 725.0

Top Depth: 0
Bottom Depth: 50

Well Levels

Measurement: 462
Measurement Date: 2014-08-20

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
44	1 of 1	S	0.73 / 3,839.03	Sean Murphy 12290 Trautwein Rd. Austin TX 78737	SDRW WELLS

Track NO: 603541
Date Submitted: 2022-04-26
Owner Name: Sean Murphy
Owner Address: 1101 West 34th Street
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78705
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.233611
Longitude: -98.025
Drilling Date Started: 2022-03-30
Drilling Date Completed: 2022-03-30
Chemical Analysis: No
Company Name: Centex Pump & Supply, Inc.
Company Address: 2520 Hwy. 290 West
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=603541&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 730.0

Top Depth: 0
Bottom Depth: 100

Top Depth: 100
Bottom Depth: 730

Well Levels

Measurement: 412
Measurement Date: 2022-04-02

Well Strata

Water Type:

Lower Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
45	1 of 1	WNW	0.73 / 3,839.81	Reliance Custom Homes 262 Frontera Ranch Cove Dripping Springs TX 78652	SDRW WELLS

Track NO: 231851
Date Submitted: 2010-10-05
Owner Name: Reliance Custom Homes
Owner Address: 1410 Shelton Ranch Rd
Owner Address2:
Owner City: Dripping Springs
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.252778
Longitude: -98.036667
Drilling Date Started: 2010-08-05
Drilling Date Completed: 2010-08-07
Chemical Analysis: No
Company Name: Associated Drilling Co.
Company Address: P.O. Box 1060
CompanyAddress2:
Company City: Manchaca
Company State: TX
Company Zip: 78652
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=231851&Type=SDR-Well

Well Borehole Information

Top Depth: 0
Bottom Depth: 120

Top Depth:
Bottom Depth: 860.0

Top Depth: 120
Bottom Depth: 860

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
46	1 of 1	SE	0.73 / 3,855.46	Jim Spry 12400 Pauls Valley Road Dripping Springs TX 78620	SDRW WELLS

Track NO: 541568
Date Submitted: 2020-04-23
Owner Name: Jim Spry
Owner Address: 12400 Pauls Valley Road
Owner Address2:
Owner City: Dripping Springs
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.2364
Longitude: -98.012333
Drilling Date Started: 2020-03-26
Drilling Date Completed: 2020-03-26
Chemical Analysis: No
Company Name: Associated Drilling Inc
Company Address: PO Box 673
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=541568&Type=SDR-Well

Well Borehole Information

Top Depth: 50
Bottom Depth: 710

Top Depth: 0
Bottom Depth: 50

Top Depth:
Bottom Depth: 710.0

Well Levels

Measurement: 432
Measurement Date: 2020-03-26

Well Strata

Water Type:

Hoston Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
47	1 of 1	W	0.73 / 3,871.00	HAROLD DAVIS TX	TCEQ WELL LOGS

Grid No:	N/A
Date Drilled:	03/03/2000
Owners Name:	HAROLD DAVIS
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	NOT REPORTED
Depth Drilled:	740
Latitude:	30.242856
Longitude:	-98.038238

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER DAVIS, HAROLD (Name) ADDRESS 12315 TRIPLE CR. DR. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip)

2) ADDRESS OF WELL: County HAYS 12315 TRIPLE CR. DR. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip) GRID # _____

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 14.51" W 098° 02.30"

6) WELL LOG:
Date Drilling: Started 03-03-20 00 Completed 03-03-20 00

DIAMETER OF HOLE	Dia. (in.)	From (ft.)	To (ft.)
	8 ¼"	Surface	10'
	6"	10'	740'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other _____

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	2	LEDGEROCK
20	25	CALICHE
25	32	BLUE LIME
32	480	GRAY LIME
480	560	HAMMID CLAY
560	580	GRAY SHELL
580	740	RED & TAN SANDSTONE

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5 OD	N	PVC PLASTIC	0	740	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 4
ft. to ft. No. of sacks used
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance WELL DRILLED FIRST

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 336.71]

11) WATER LEVEL
Static Level _____ ft. below land surface Date _____
Artesian flow _____ gpm Date _____

12) PACKERS:

	Type	Depth
3	BURLAP & PLASTIC	20', 560', 580'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 40-50 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 45'
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING COMPANY (Type or print) WELL DRILLER'S LICENSE NO. #4227

ADDRESS 2520 HWY. 290 WEST (Street or RFD) DRIPPING SPRINGS, (City) TEXAS (State) 78620 (Zip)

(Signed) Aaron Hass (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94)
WELL OWNER'S COPY DRILLER'S COPY TNRCC COPY

184331

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER DAVIS, HAROLD (Name) ADDRESS 12315 TRIPLE CR. DR. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip)

2) ADDRESS OF WELL: County HAYS 12315 TRIPLE CR. DR. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip) GRID # _____

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 14.51" W 098° 02.30"

6) WELL LOG:
Date Drilling: Started 03-03-20 00 Completed 03-03-20 00

DIAMETER OF HOLE	Dia. (in.)	From (ft.)	To (ft.)
	8 ¼"	Surface	10'
	6"	10'	740'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other _____

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	2	LEDGEROCK
20	25	CALICHE
25	32	BLUE LIME
32	480	GRAY LIME
480	560	HAMMID CLAY
560	580	GRAY SHELL
580	740	RED & TAN SANDSTONE

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5 OD	N	PVC PLASTIC	0	740	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 4
_____ ft. to _____ ft. No. of sacks used _____
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance WELL DRILLED FIRST

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level _____ ft. below land surface Date _____
Artesian flow _____ gpm Date _____

12) PACKERS:

	Type	Depth
3	BURLAP & PLASTIC	20', 560', 580'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 40-50 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 45'
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING COMPANY (Type or print) WELL DRILLER'S LICENSE NO. #4227

ADDRESS 2520 HWY. 290 WEST (Street or RFD) DRIPPING SPRINGS, (City) TEXAS (State) 78620 (Zip)

(Signed) Aaron Hass (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94)
WELL OWNER'S COPY DRILLER'S COPY TNRCC COPY

184331

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
48	1 of 1	W	0.74 / 3,901.79	GARY LAFAYETTE 1225 TRIPLE CREEK CIRCLE DRIPPING SPRINGS TX 78616	SDRW WELLS

Track NO: 433208
Date Submitted: 2000-08-02
Owner Name: GARY LAFAYETTE
Owner Address: 3108 WHITEWAY DR
Owner Address2:
Owner City: AUSTIN
Owner State: TX
Owner Zip: 78757
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.2455
Longitude: -98.038667
Drilling Date Started: 2000-05-29
Drilling Date Completed: 2000-05-29
Chemical Analysis: No
Company Name: CENTEX PUMP & SUPPLY, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=433208&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 730.0

Top Depth: 10
Bottom Depth: 730

Top Depth: 0
Bottom Depth: 10

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
49	1 of 1	W	0.74 / 3,903.80	CARLTON TURNER TX	TCEQ WELL LOGS

Grid No:	57-48-9
Date Drilled:	06/01/90
Owners Name:	CARLTON TURNER
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	NOT REPORTED
Depth Drilled:	587
Latitude:	30.246124
Longitude:	-98.038743

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
50	1 of 1	NNW	0.76 / 4,019.66	DALE OLDENKAMP TX	TCEQ WELL LOGS

Grid No: 57-48-9
Date Drilled: 10/05/2002
Owners Name: DALE OLDENKAMP
County: TRAVIS
Water Usage: DOMESTIC
Static Level: NOT REPORTED
Depth Drilled: 810
Latitude: 30.258366
Longitude: -98.030152

Customer says that this is Travis County.

Send original copy by certified mail to: TNRCC, P.O. Box 12157, ...stin, TX 78711 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 12157
Austin, TX 78711
512-463-7880

1) OWNER OLDENKAMP, DALE (Name) ADDRESS 11201-14 BONHAM RANCH RD. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip)

2) ADDRESS OF WELL: County TRAVIS 11201-14 BONHAM RANCH RD. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip) GRID # 57-49-9

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 16.60 W 098° 01.82

6) WELL LOG: Date Drilling: Started 10-05-20 02 Completed 10-05-20 02

DIAMETER OF HOLE Dia.. (in.)	From (ft.)	To (ft.)
	Surface	
9"	0	40'
6"	40'	810'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOP SOIL
2	18	CALICHE
18	22	BLUE LIME
22	330	GRAY
330	335	WHITE
335	380	GRAY
380	480	GRAY/TAN
480	510	TAN
510	575	GRAY
575	620	HAMMID CLAY
620	650	GRAY/RED CLAY
650	680	GRAY/TAN
680	810	RED

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5 OD	N	PVC	+2	810'	SDR17

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 40 ft. No. of sacks used 12
____ ft. to ____ ft. No. of sacks used ____
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance WELL DRILLED FIRST

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ____ ft. below land surface Date ____
Artesian flow ____ gpm Date ____

12) PACKERS:

Type	Depth
3 BURLAP, PLASTIC	40', 640', 660'

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS: Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40-60 gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 80'
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #4227

ADDRESS 2520 HWY. 290 WEST (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip)

(Signed) Aaron Glass (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

RECEIVED
TDLR MAIL ROOM AR
OCT 18 2002
RECEIPT# AMOUNT

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94)
WELL OWNER'S COPY DRILLER'S COPY TNRCC COPY

Customer says that this is Travis County.

Send original copy by certified mail to: TNRCC, P.O. Box 12157, ...stin, TX 78711 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 12157
Austin, TX 78711
512-463-7880

1) OWNER OLDENKAMP, DALE (Name) ADDRESS 11201-14 BONHAM RANCH RD.DRIPPING SPRINGS, (Street or RFD) (City) TX. (State) 78620 (Zip)

2) ADDRESS OF WELL: County TRAVIS 11201-14 BONHAM RANCH RD. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip) GRID # 57-49-9

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 16.60 W 098° 01.82

6) WELL LOG: Date Drilling: Started 10-05-20 02 Completed 10-05-20 02

DIAMETER OF HOLE	Dia.. (in.)	From (ft.)	To (ft.)
		Surface	
	9"	0	40'
	6"	40'	810'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOP SOIL
2	18	CALICHE
18	22	BLUE LIME
22	330	GRAY
330	335	WHITE
335	380	GRAY
380	480	GRAY/TAN
480	510	TAN
510	575	GRAY
575	620	HAMMID CLAY
620	650	GRAY/RED CLAY
650	680	GRAY/TAN
680	810	RED

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5 OD	N	PVC	+2	810'	SDR17

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 40 ft. No. of sacks used 12
____ ft. to ____ ft. No. of sacks used ____
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance WELL DRILLED FIRST

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ____ ft. below land surface Date ____
Artesian flow ____ gpm Date ____

12) PACKERS:

Type	Depth
3 BURLAP, PLASTIC	40', 640', 660'

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS: Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40-60 gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 80'
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #4227

ADDRESS 2520 HWY. 290 WEST (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip)

(Signed) Aaron Glass (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

RECEIVED
TDLR MAIL ROOM AR
OCT 18 2002
RECEIPT# AMOUNT

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94)
WELL OWNER'S COPY DRILLER'S COPY TNRCC COPY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
51	1 of 2	W	0.77 / 4,068.58	DAN MCKINNEY TX	TCEQ WELL LOGS

Grid No:	14-57-9
Date Drilled:	06/30/1998
Owners Name:	DAN MCKINNEY
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	NOT REPORTED
Depth Drilled:	670
Latitude:	30.245556
Longitude:	-98.039167

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER MCKINNEY, DAN (Name) ADDRESS 363-B FANTAIL LOOP (Street or RFD) AUSTIN, (City) TEXAS (State) 78734 (Zip)

2) ADDRESS OF WELL: County HAYS 12221 TRIPLE CR. CIRCLE (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip) GRID # 14-57-9

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell

If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 34° 00.000' W098° 54. 375'

6) WELL LOG: Date Drilling: Started 06-30- 19 98 Completed 06-30- 19 98

DIAMETER OF HOLE	Dia.. (in.)	From (ft.)	To (ft.)
	8"	Surface	10'
	6"	10'	670'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	12	CALICHE
12	22	BLUE LIME
22	230	GRAY LIME
230	235	WHITE
235	435	GRAY LIME
435	445	A LITTLE H20
445	500	GRAY LIME
500	550	HAMMID
550	630	TRINITY H20
630	670	RED

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other

If Gravel Packed give interval ... from ft. to ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5 OD	N	PVC	0	670	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 25 ft. No. of sacks used 6
ft. to ft. No. of sacks used
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance WELL DRILLED FIRST

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

14) WELL TESTS: Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40-50 gpm with ft. drawdown after hrs.

15) WATER QUALITY: Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 120'
Was a chemical analysis made? ☐ Yes ☑ No

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ft. below land surface Date
Artesian flow gpm Date

12) PACKERS:	Type	Depth
3	BURLAP	30', 550', 670

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #4227

ADDRESS 25203 RANCH RD. 12 (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) Aaron Glass (Licensed Well Driller) (Signed) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) DRILLERS COPY TNRCC COPY OWNERS COPY

LOG ID SEQ # EMP # DESC CO OCT 2 0 1998 COMMENT TEMP

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER MCKINNEY, DAN (Name) ADDRESS 363-B FANTAIL LOOP (Street or RFD) AUSTIN, (City) TEXAS (State) 78734 (Zip)

2) ADDRESS OF WELL: County HAYS 12221 TRIPLE CR. CIRCLE (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip) GRID # 14-57-9

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell

If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 34° 00.000' W098° 54. 375'

6) WELL LOG: Date Drilling: Started 06-30- 19 98 Completed 06-30- 19 98

DIAMETER OF HOLE	Dia.. (in.)	From (ft.)	To (ft.)
	8"	Surface	10'
	6"	10'	670'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	12	CALICHE
12	22	BLUE LIME
22	230	GRAY LIME
230	235	WHITE
235	435	GRAY LIME
435	445	A LITTLE H20
445	500	GRAY LIME
500	550	HAMMID
550	630	TRINITY H20
630	670	RED

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other

If Gravel Packed give interval ... from ft. to ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5 OD	N	PVC	0	670	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 25 ft. No. of sacks used 6
ft. to ft. No. of sacks used
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance WELL DRILLED FIRST

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☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ft. below land surface Date
Artesian flow gpm Date

12) PACKERS:

Type	Depth
BURLAP	30', 550', 670

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

14) WELL TESTS: Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40-50 gpm with ft. drawdown after hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 120'
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

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Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) DRILLERS COPY TNRCC COPY OWNERS COPY

LOG ID SEQ # EMP # DESC CO OCT 2 0 1998 COMMENT TEMP

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
51	2 of 2	W	0.77 / 4,068.58	Radu Boghici TX	GWDB

Well Rep Track No:	
State Well NO:	5756310
Owner Name:	Radu Boghici
Drilling Start Dt:	1998-06-30
Drilling Month:	6
Drilling Day:	30
Drilling Year:	1998
Well Depth:	670
Well Usage:	Domestic
Water Level Status:	
Latitude:	30.2455556
Longitude:	-98.0391667
Data Source:	Groundwater Database (GWDB) Reports; GIS shapefile of GWDB well locations
Well Info Report:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetReports.aspx?Num=5756310&Type=GWDB
Document Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetScannedImage.aspx?Num=5756310&Cnty=Hays

SUBMITTED

Please use black ink.

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State of Texas WELL REPORT

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3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell

If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 34° 00.000' W 098° 54.375'

6) WELL LOG: Date Drilling: Started 06-30-19 98 Completed 06-30-19 98

DIAMETER OF HOLE

Dia.. (in.)	From (ft.)	To (ft.)
8"	Surface	10'
6"	10'	670'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	12	CALICHE
12	22	BLUE LIME
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235	435	GRAY LIME
435	445	A LITTLE H20
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(Use reverse side if necessary)

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Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance WELL DRILLED FIRST

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Depth to pump bowls, cylinder, jet, etc., ft.

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11) WATER LEVEL
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Artesian flow gpm Date

15) WATER QUALITY:
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☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 120'
Was a chemical analysis made? ☐ Yes ☑ No

12) PACKERS:

	Type	Depth
3	BURLAP	30', 550', 570

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Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
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☐ Pitless Adapter Used [Rule 338.44(3)(b)]
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11) WATER LEVEL
Static Level ft. below land surface Date
Artesian flow gpm Date

12) PACKERS:

	Type	Depth
3	BURLAP	30', 550', 570

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40-50 gpm with ft. drawdown after hrs.

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COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #4227

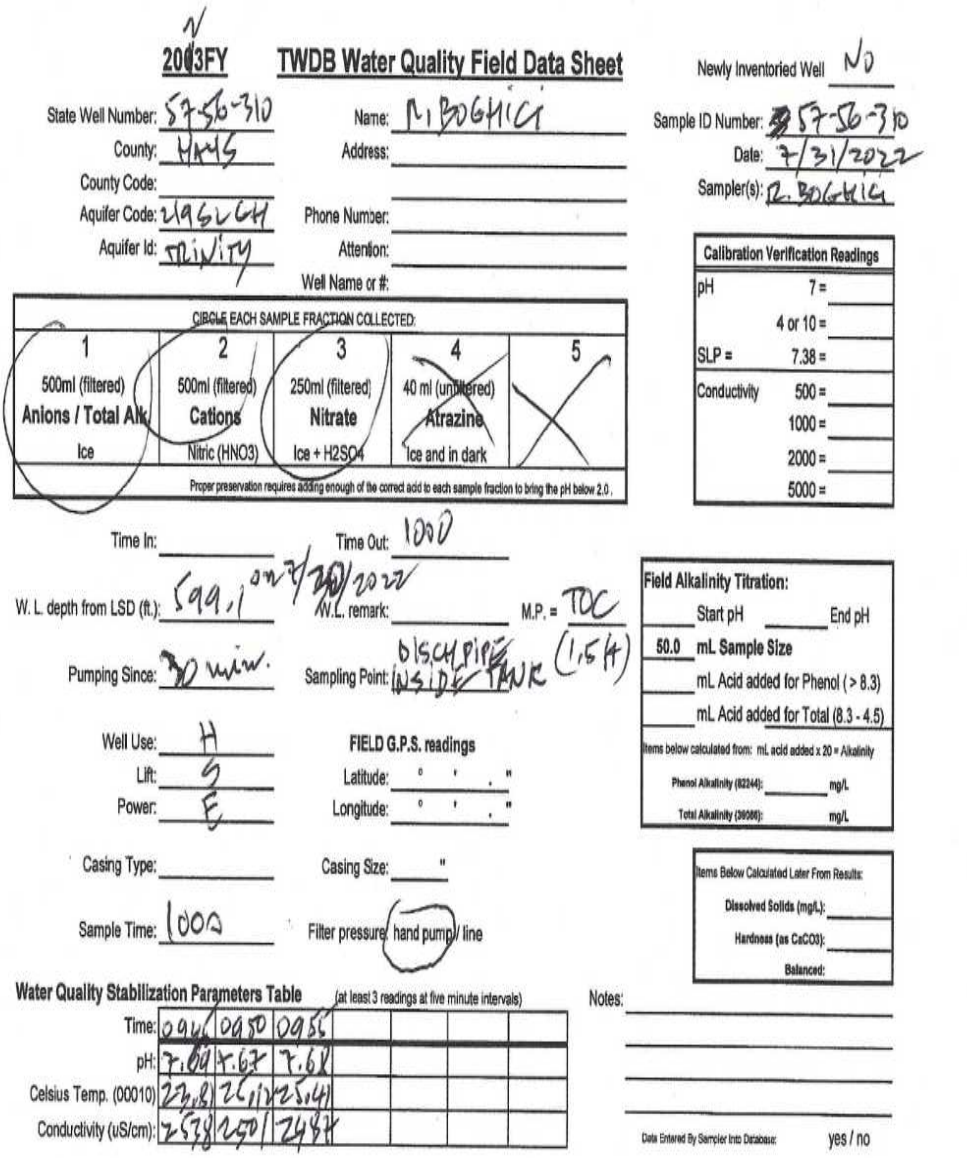
ADDRESS 26203 RANCH RD. 12 (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) Aaron Glass (Licensed Well Driller) (Signed) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) DRILLERS COPY TNRCC COPY OWNERS COPY

Figure 2 The TWDB Water Quality Field Data Sheet



2003FY **TWDB Water Quality Field Data Sheet**

Newly Inventoried Well: NO

State Well Number: 57-56-310
County: HAYS
County Code:
Aquifer Code: 219SCCH
Aquifer Id: TRINITY

Name: M. BOGHICI
Address:
Phone Number:
Attention:
Well Name or #:

Sample ID Number: 57-56-310
Date: 7/31/2022
Sampler(s): M. BOGHICI

CIRCLE EACH SAMPLE FRACTION COLLECTED:

1	2	3	4	5
500ml (filtered) Anions / Total Alk	500ml (filtered) Cations	250ml (filtered) Nitrate	40 ml (unfiltered) Atrazine	
Ice	Nitric (HNO3)	Ice + H2SO4	Ice and in dark	

Proper preservation requires adding enough of the correct acid to each sample fraction to bring the pH below 2.0.

Calibration Verification Readings		
pH	7 =	
	4 or 10 =	
SLP =	7.38 =	
Conductivity	500 =	
	1000 =	
	2000 =	
	5000 =	

Time In: Time Out: 1000

W. L. depth from LSD (ft.): 599.1 on 7/31/2022 W.L. remark: M.P. = TOC

Pumping Since: 30 min. Sampling Point: DISCH PIPE INSIDE TANK (1.5 H)

Well Use: H
Lift: S
Power: E

FIELD G.P.S. readings
Latitude: ° ' . "
Longitude: ° ' . "

Field Alkalinity Titration:
Start pH End pH
50.0 mL Sample Size
mL Acid added for Phenol (> 8.3)
mL Acid added for Total (8.3 - 4.5)
Items below calculated from: mL acid added x 20 = Alkalinity
Phenol Alkalinity (82244): mg/L
Total Alkalinity (39086): mg/L

Casing Type: Casing Size: "

Sample Time: 1002 Filter pressure: hand pump/ line

Items Below Calculated Later From Results:
Dissolved Solids (mg/L):
Hardness (as CaCO3):
Balanced:

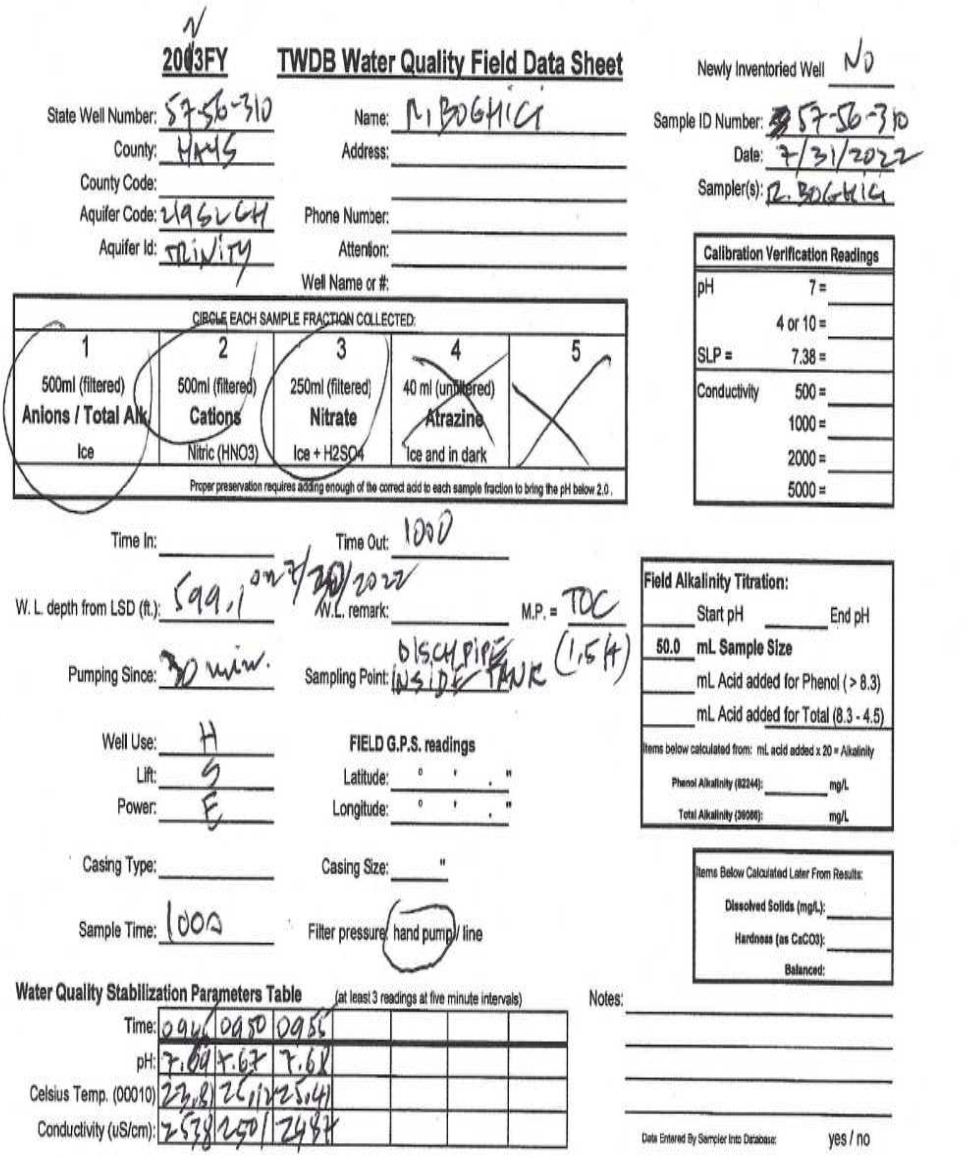
Water Quality Stabilization Parameters Table (at least 3 readings at five minute intervals)

Time:	0946	0950	0955				
pH:	7.69	7.67	7.68				
Celsius Temp. (00010)	23.8	24.1	25.4				
Conductivity (uS/cm):	2538	2501	2487				

Notes:

Data Entered By Sampler Into Database: yes / no

Figure 2 The TWDB Water Quality Field Data Sheet



2003FY **TWDB Water Quality Field Data Sheet**

Newly Inventoried Well: NO

State Well Number: 57-56-310
County: HAYS
County Code:
Aquifer Code: 219SCCH
Aquifer Id: TRINITY

Name: M. BOGHICI
Address:
Phone Number:
Attention:
Well Name or #:

Sample ID Number: 57-56-310
Date: 7/31/2022
Sampler(s): M. BOGHICI

CIRCLE EACH SAMPLE FRACTION COLLECTED:

1	2	3	4	5
500ml (filtered) Anions / Total Alk	500ml (filtered) Cations	250ml (filtered) Nitrate	40 ml (unfiltered) Atrazine	
Ice	Nitric (HNO3)	Ice + H2SO4	Ice and in dark	

Proper preservation requires adding enough of the correct acid to each sample fraction to bring the pH below 2.0.

Calibration Verification Readings		
pH	7 =	
	4 or 10 =	
SLP =	7.38 =	
Conductivity	500 =	
	1000 =	
	2000 =	
	5000 =	

Time In: Time Out: 1000

W. L. depth from LSD (ft.): 599.1 on 7/31/2022 W.L. remark: M.P. = TOC

Pumping Since: 30 min. Sampling Point: DISCH PIPE INSIDE TANK (1.5 H)

Well Use: H
Lift: S
Power: E

FIELD G.P.S. readings
Latitude: ° ' . "
Longitude: ° ' . "

Field Alkalinity Titration:
Start pH End pH
50.0 mL Sample Size
mL Acid added for Phenol (> 8.3)
mL Acid added for Total (8.3 - 4.5)
Items below calculated from: mL acid added x 20 = Alkalinity
Phenol Alkalinity (82244): mg/L
Total Alkalinity (39086): mg/L

Casing Type: Casing Size: "

Sample Time: 1002 Filter pressure: hand pump/ line

Items Below Calculated Later From Results:
Dissolved Solids (mg/L):
Hardness (as CaCO3):
Balanced:

Water Quality Stabilization Parameters Table (at least 3 readings at five minute intervals)

Time:	0946	0950	0955				
pH:	7.69	7.67	7.68				
Celsius Temp. (00010)	23.8	24.1	25.4				
Conductivity (uS/cm):	2538	2501	2487				

Notes:

Data Entered By Sampler Into Database: yes / no

30

Environmental Laboratory Services
The Solution Lab

LCRA Environmental Laboratory Services
3505 Montopolis Drive
Austin, TX 78744
Phone (512)730-6022
Fax (512)730-6021

Analytical Results

Client ID: HTGCD
Lab ID: Q2221988001
Sample ID: 5756310
Project ID: TWDB Suite paid by TWDB

Date Collected: 07/31/2022 10:00
Date Received: 08/02/2022 12:01
Location:
Facility:
Sample Point:

Matrix: Aqueous
Sample Type: SAMPLE

ALKALINITY (SM2320B, Alkalinity)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Phenolphthalein Alkalinity	0.00	mg/L	0.00	0.00		1	08/04/2022 00:00	MO	08/04/2022 00:00	MO	N
Hydroxide Alkalinity	0.00	mg/L	0.00	0.00		1	08/04/2022 00:00	MO	08/04/2022 00:00	MO	N
Bicarbonate Alkalinity	230	mg/L	0.00	0.00		1	08/04/2022 00:00	MO	08/04/2022 00:00	MO	N
Carbonate Alkalinity	0.00	mg/L	0.00	0.00		1	08/04/2022 00:00	MO	08/04/2022 00:00	MO	N
Total Alkalinity (CaCO3)	230	mg/L	20.0	20.0		1	08/04/2022 00:00	MO	08/04/2022 00:00	MO	

HEAVY METALS (245.1Hg)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Mercury Dissolved	<0.20	ug/L	0.20	0.070		1	08/04/2022 18:46	FM	08/04/2022 18:46	FM	N

INORGANICS (E200.7 Prep/E200.7 Metals, Trace Elements)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Boron Dissolved	1840	ug/L	50.0	20.0		1	08/04/2022 08:36	FO	08/25/2022 19:04	FM	
Calcium Dissolved	168	mg/L	0.200	0.0700		1	08/04/2022 08:36	FO	08/25/2022 19:04	FM	
Iron Dissolved	<50.0	ug/L	50.0	20.0		1	08/04/2022 08:36	FO	08/25/2022 19:04	FM	
Magnesium Dissolved	124	mg/L	0.200	0.0700		1	08/04/2022 08:36	FO	08/25/2022 19:04	FM	
Potassium Dissolved	17.0	mg/L	0.200	0.0700		1	08/04/2022 08:36	FO	08/25/2022 19:04	FM	
Sodium Dissolved	234	mg/L	0.200	0.0700		1	08/04/2022 08:36	FO	08/25/2022 19:04	FM	

INORGANICS (E200.7 Prep/E200.7 Metals, Trace Elements)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Strontium Dissolved	15900	ug/L	50.0	20.0		5	08/04/2022 08:36	FO	08/29/2022 15:38	FM	

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Environmental Laboratory Services
The Solution Lab

LCRA Environmental Laboratory Services
3505 Montopolis Drive
Austin, TX 78744
Phone (512)730-6022
Fax (512)730-6021

Analytical Results

Client ID: HTGCD
Lab ID: Q2221988001
Sample ID: 5756310
Project ID: TWDB Suite paid by TWDB

Date Collected: 07/31/2022 10:00
Date Received: 08/02/2022 12:01
Location:
Facility:
Sample Point:

Matrix: Aqueous
Sample Type: SAMPLE

ALKALINITY (SM2320B, Alkalinity)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Phenolphthalein Alkalinity	0.00	mg/L	0.00	0.00		1	08/04/2022 00:00	MO	08/04/2022 00:00	MO	N
Hydroxide Alkalinity	0.00	mg/L	0.00	0.00		1	08/04/2022 00:00	MO	08/04/2022 00:00	MO	N
Bicarbonate Alkalinity	230	mg/L	0.00	0.00		1	08/04/2022 00:00	MO	08/04/2022 00:00	MO	N
Carbonate Alkalinity	0.00	mg/L	0.00	0.00		1	08/04/2022 00:00	MO	08/04/2022 00:00	MO	N
Total Alkalinity (CaCO3)	230	mg/L	20.0	20.0		1	08/04/2022 00:00	MO	08/04/2022 00:00	MO	

HEAVY METALS (245.1Hg)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Mercury Dissolved	<0.20	ug/L	0.20	0.070		1	08/04/2022 18:46	FM	08/04/2022 18:46	FM	N

INORGANICS (E200.7 Prep/E200.7 Metals, Trace Elements)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Boron Dissolved	1840	ug/L	50.0	20.0		1	08/04/2022 08:36	FO	08/25/2022 19:04	FM	
Calcium Dissolved	168	mg/L	0.200	0.0700		1	08/04/2022 08:36	FO	08/25/2022 19:04	FM	
Iron Dissolved	<50.0	ug/L	50.0	20.0		1	08/04/2022 08:36	FO	08/25/2022 19:04	FM	
Magnesium Dissolved	124	mg/L	0.200	0.0700		1	08/04/2022 08:36	FO	08/25/2022 19:04	FM	
Potassium Dissolved	17.0	mg/L	0.200	0.0700		1	08/04/2022 08:36	FO	08/25/2022 19:04	FM	
Sodium Dissolved	234	mg/L	0.200	0.0700		1	08/04/2022 08:36	FO	08/25/2022 19:04	FM	

INORGANICS (E200.7 Prep/E200.7 Metals, Trace Elements)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Strontium Dissolved	15900	ug/L	50.0	20.0		5	08/04/2022 08:36	FO	08/29/2022 15:38	FM	

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Analytical Results

Client ID: HTGCD
Lab ID: Q2221988001
Sample ID: 5756310
Project ID: TWDB Suite paid by TWDB

Date Collected: 07/31/2022 10:00
Date Received: 08/02/2022 12:01
Location:
Facility:
Sample Point:

Matrix: Aqueous
Sample Type: SAMPLE

INORGANICS (E200.8, ICP-MS Prep/E200.8, ICP-MS)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Aluminum Dissolved	<5.00	ug/L	5.00	1.50		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Antimony Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Arsenic Dissolved	<1.00	ug/L	1.00	0.700		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Barium Dissolved	10.3	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Beryllium Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Cadmium Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Chromium Dissolved	3.79	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Cobalt Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Copper Dissolved	2.59	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Lithium Dissolved	211	ug/L	2.00	0.700		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	N
Lead Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Manganese Dissolved	3.42	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Molybdenum Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Selenium Dissolved	<5.00	ug/L	5.00	1.50		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Silver Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Thallium Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Uranium Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	N
Vanadium Dissolved	1.14	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Zinc Dissolved	6.96	ug/L	5.00	1.50		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	

INORGANICS (E300.0, Anions)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Chloride DIssolved	103	mg/L	25.0	10.0		25	08/02/2022 16:14	BC	08/02/2022 16:14	BC	
Bromide Dissolved	0.650	mg/L	0.500	0.200		25	08/02/2022 16:14	BC	08/02/2022 16:14	BC	
Fluoride Dissolved	0.800	mg/L	0.250	0.100		25	08/02/2022 16:14	BC	08/02/2022 16:14	BC	
Sulfate Dissolved	1010	mg/L	25.0	10.0		25	08/02/2022 16:14	BC	08/02/2022 16:14	BC	

INORGANICS (SM1030B Cation/Anion Balance)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Cation/Anion Balance	1.820	%				1	09/21/2022 16:25	CW	09/21/2022 16:25	CW	

NITRATE AND NITRITE (SM4500-NO3-H, Nitrate/Nitrite)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Nitrate/Nitrite as N Dissolved	0.0970	mg/L	0.0200	0.00800		1	08/04/2022 00:00	MO	08/04/2022 00:00	MO	

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Analytical Results

Client ID: HTGCD
Lab ID: Q2221988001
Sample ID: 5756310
Project ID: TWDB Suite paid by TWDB

Date Collected: 07/31/2022 10:00
Date Received: 08/02/2022 12:01
Location:
Facility:
Sample Point:

Matrix: Aqueous
Sample Type: SAMPLE

INORGANICS (E200.8, ICP-MS Prep/E200.8, ICP-MS)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Aluminum Dissolved	<5.00	ug/L	5.00	1.50		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Antimony Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Arsenic Dissolved	<1.00	ug/L	1.00	0.700		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Barium Dissolved	10.3	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Beryllium Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Cadmium Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Chromium Dissolved	3.79	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Cobalt Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Copper Dissolved	2.59	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Lithium Dissolved	211	ug/L	2.00	0.700		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	N
Lead Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Manganese Dissolved	3.42	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Molybdenum Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Selenium Dissolved	<5.00	ug/L	5.00	1.50		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Silver Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Thallium Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Uranium Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	N
Vanadium Dissolved	1.14	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Zinc Dissolved	6.96	ug/L	5.00	1.50		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	

INORGANICS (E300.0, Anions)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Chloride DIssolved	103	mg/L	25.0	10.0		25	08/02/2022 16:14	BC	08/02/2022 16:14	BC	
Bromide Dissolved	0.650	mg/L	0.500	0.200		25	08/02/2022 16:14	BC	08/02/2022 16:14	BC	
Fluoride Dissolved	0.800	mg/L	0.250	0.100		25	08/02/2022 16:14	BC	08/02/2022 16:14	BC	
Sulfate Dissolved	1010	mg/L	25.0	10.0		25	08/02/2022 16:14	BC	08/02/2022 16:14	BC	

INORGANICS (SM1030B Cation/Anion Balance)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Cation/Anion Balance	1.820	%				1	09/21/2022 16:25	CW	09/21/2022 16:25	CW	

NITRATE AND NITRITE (SM4500-NO3-H, Nitrate/Nitrite)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Nitrate/Nitrite as N Dissolved	0.0970	mg/L	0.0200	0.00800		1	08/04/2022 00:00	MO	08/04/2022 00:00	MO	

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Analytical Results

Client ID:	HTGCD	**Date Collected:**	07/31/2022 10:00	**Matrix:**	Aqueous
Lab ID:	Q2221988001	**Date Received:**	08/02/2022 12:01	**Sample Type:**	SAMPLE
Sample ID:	5756310	**Location:**			
Project ID:	TWDB Suite paid by TWDB	**Facility:**			
		Sample Point:			

SILICA (SM4500-SiO2-C, Silica)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Silica as SiO2, Dissolved	17.9	mg/L	0.500	0.200		1	08/09/2022 00:00	ML	08/09/2022 00:00	ML	

TOTAL PHOSPHATE AS P (E365.4 / E351.2 Water Prep/E365.4 Phosphorus, Total)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Phosphorus, Dissolved (As P)	<0.0200	mg/L	0.0200	0.00800		1	08/10/2022 15:14	MO	08/12/2022 00:00	ML	

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Analytical Results

Client ID:	HTGCD	**Date Collected:**	07/31/2022 10:00	**Matrix:**	Aqueous
Lab ID:	Q2221988001	**Date Received:**	08/02/2022 12:01	**Sample Type:**	SAMPLE
Sample ID:	5756310	**Location:**			
Project ID:	TWDB Suite paid by TWDB	**Facility:**			
		Sample Point:			

SILICA (SM4500-SiO2-C, Silica)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Silica as SiO2, Dissolved	17.9	mg/L	0.500	0.200		1	08/09/2022 00:00	ML	08/09/2022 00:00	ML	

TOTAL PHOSPHATE AS P (E365.4 / E351.2 Water Prep/E365.4 Phosphorus, Total)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Phosphorus, Dissolved (As P)	<0.0200	mg/L	0.0200	0.00800		1	08/10/2022 15:14	MO	08/12/2022 00:00	ML	

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Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
52	1 of 1	ESE	0.77 / 4,079.52	Joe Terry 12345 Pauls Valley Rd. Austin TX 78737	SDRW WELLS

Track NO: 342605
Date Submitted: 2013-10-07
Owner Name: Joe Terry
Owner Address: 12345 Pauls Valley Rd.
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78737
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.238056
Longitude: -98.009723
Drilling Date Started: 2013-08-15
Drilling Date Completed: 2013-08-15
Chemical Analysis: No
Company Name: Associated Drilling Inc.
Company Address: PO Box 673
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=342605&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 710.0

Top Depth: 0
Bottom Depth: 50

Top Depth: 50
Bottom Depth: 710

Well Levels

Measurement: 385
Measurement Date: 2013-08-15

Well Strata

Water Type:

trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
53	1 of 1	WSW	0.78 / 4,102.92	RIENZI CUSTOM HOMES 12500 TRIPLE CRK. DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 62855
Date Submitted: 2005-07-18
Owner Name: RIENZI CUSTOM HOMES
Owner Address: 1054 WINDMILL RUN
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.236945
Longitude: -98.035556
Drilling Date Started: 2005-05-10
Drilling Date Completed: 2005-05-10
Chemical Analysis: No
Company Name: CENTRAL TEXAS DRILLING INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=62855&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 710.0

Top Depth: 100
Bottom Depth: 710

Top Depth: 0
Bottom Depth: 100

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
54	1 of 1	WSW	0.78 / 4,115.50	GLASS, DELBY/TED MASSINGILL TX	TCEQ WELL LOGS

Grid No: N/A
Date Drilled: 07/07/1997
Owners Name: GLASS, DELBY/TED MASSINGILL
County: HAYS
Water Usage: DOMESTIC
Static Level: NOT REPORTED
Depth Drilled: 640
Latitude: 30.242457
Longitude: -98.038914

Send original copy by certified mail to: TNRCC, P.O. [illegible], 13087, Austin, TX 78711-3087 — *Please use black ink.*

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER GLASS, DELBY/TED MASSINGILL (Name) ADDRESS 5600 BAYTON LOOP (Street or RFD) AUSTIN, (City) TX. (State) 78745 (Zip)

2) ADDRESS OF WELL: County HAYS 12301 TRIPLE CR. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip) GRID # _____

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 14.574' W 098° 02.376'

6) WELL LOG:
Date Drilling: Started 07-07- 19 97 Completed 07-07- 19 97

DIAMETER OF HOLE	Dia.. (in.)	From (ft.)	To (ft.)
	8"	Surface	10'
	6"	10'	640'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other _____

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	15	CALICHE
15	75	BLUE LIME
75	320	GRAY LIME
320	415	BROWN LIME
415	435	TAN & WHITE
435	500	GRAY LIME
500	540	HAMMID
540	580	HENSEL
580	640	TRINITY

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5 OD	N	PVC	+2	640	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 30 ft. No. of sacks used 7 SACKS
_____ ft. to _____ ft. No. of sacks used _____
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination 100+ ft.
Method of verification of above distance OWNER

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level _____ ft. below land surface Date _____
Artesian flow _____ gpm Date _____

12) PACKERS:	Type	Depth
2	BURLAP	30, 580
2	PVC	30, 560

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 70+ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 20'
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #2422

ADDRESS 25203 RANCH RD. 12 (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) David Karl (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94)
DRILLERS COPY TNRCC COPY OWNERS COPY

184367

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER GLASS, DELBY/TED MASSINGILL (Name) ADDRESS 5600 BAYTON LOOP (Street or RFD) AUSTIN, (City) TX. (State) 78745 (Zip)

2) ADDRESS OF WELL: County HAYS 12301 TRIPLE CR. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip) GRID # _____

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 14.574' W 098° 02.376'

6) WELL LOG:
Date Drilling: Started 07-07- 19 97 Completed 07-07- 19 97

DIAMETER OF HOLE	Dia.. (in.)	From (ft.)	To (ft.)
	8"	Surface	10'
	6"	10'	640'

7) DRILLING METHOD (Check): ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other _____ ☐ Driven

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	15	CALICHE
15	75	BLUE LIME
75	320	GRAY LIME
320	415	BROWN LIME
415	435	TAN & WHITE
435	500	GRAY LIME
500	540	HAMMID
540	580	HENSEL
580	640	TRINITY

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5 OD	N	PVC	+2	640	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 30 ft. No. of sacks used 7 SACKS
_____ ft. to _____ ft. No. of sacks used _____
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination 100+ ft.
Method of verification of above distance OWNER

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level _____ ft. below land surface Date _____
Artesian flow _____ gpm Date _____

12) PACKERS:	Type	Depth
2	BURLAP	30, 580
2	PVC	30, 560

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 70+ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 20'
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #2422

ADDRESS 25203 RANCH RD. 12 (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) David Karl (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94)
DRILLERS COPY TNRCC COPY OWNERS COPY

184367

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
55	1 of 2	WSW	0.78 / 4,141.36	DENNIS BOHLS TX	TCEQ WELL LOGS

Grid No:	N/A
Date Drilled:	09/16/1997
Owners Name:	DENNIS BOHLS
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	NOT REPORTED
Depth Drilled:	680
Latitude:	30.239412
Longitude:	-98.037448

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER BOHLS, DENNIS (Name) ADDRESS P.O.BOX 91956 (Street or RFD) AUSTIN, (City) TEXAS (State) 78709-1956 (Zip)

2) ADDRESS OF WELL: County HAYS 12405 TRIPLE CR. DR. (Street or RFD) DRIPPING SPRINGS, (City) TEXAS (State) 78620 (Zip) GRID # _____

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 14.477' W 098° 02.222'

6) WELL LOG:
Date Drilling: Started 09-16- 19 97 Completed 09-16- 19 97

DIAMETER OF HOLE	Dia.. (in.)	From (ft.)	To (ft.)
	8"	Surface	10'
	6"	10'	680'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other _____

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL & ROCK
1	15	CALICHE
15	170	BLUE LIME
170	185	WHITE LIME
185	390	GRAY LIME
390	410	WHITE LIME
410	450	LT. GRAY
450	470	GRAY LIME
470	520	HAMMID
520	565	HENSEL
565	680	TRINITY

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5 OD	N	PVC	+2	680	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 7 CEMENT
_____ ft. to _____ ft. No. of sacks used _____
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination 100+ ft.
Method of verification of above distance BUILDER

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level _____ ft. below land surface Date _____
Artesian flow _____ gpm Date _____

12) PACKERS:	Type	Depth
2	BURLAP	20, 540
2	PVC	20, 520

13) TYPE PUMP: ☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 50 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 20
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #2422

ADDRESS 25203 RANCH RD. 12 (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) David Kare (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

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State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER BOHLS, DENNIS (Name) ADDRESS P.O.BOX 91956 (Street or RFD) AUSTIN, (City) TEXAS (State) 78709-1956 (Zip)

2) ADDRESS OF WELL: County HAYS 12405 TRIPLE CR. DR. (Street or RFD) DRIPPING SPRINGS, (City) TEXAS (State) 78620 (Zip) GRID # _____

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 14.477' W 098° 02.222'

6) WELL LOG:
Date Drilling: Started 09-16- 19 97 Completed 09-16- 19 97

DIAMETER OF HOLE	Dia. (in.)	From (ft.)	To (ft.)
	8"	Surface	10'
	6"	10'	680'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other _____

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL & ROCK
1	15	CALICHE
15	170	BLUE LIME
170	185	WHITE LIME
185	390	GRAY LIME
390	410	WHITE LIME
410	450	LT. GRAY
450	470	GRAY LIME
470	520	HAMMID
520	565	HENSEL
565	680	TRINITY

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5 OD	N	PVC	+2	680	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 7 CEMENT
_____ ft. to _____ ft. No. of sacks used _____
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination 100+ ft.
Method of verification of above distance BUILDER

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level _____ ft. below land surface Date _____
Artesian flow _____ gpm Date _____

12) PACKERS:	Type	Depth
2	BURLAP	20, 540
2	PVC	20, 520

13) TYPE PUMP: ☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 50 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 20
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #2422

ADDRESS 25203 RANCH RD. 12 (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) David Kare (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) DRILLERS COPY TNRCC COPY OWNERS COPY

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Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
55	2 of 2	WSW	0.78 / 4,141.36	JACK DABNEY HOMES 12414 TRIPLE CREEK DRIVE, LOT 32-B DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 54920
Date Submitted: 2005-03-16
Owner Name: JACK DABNEY HOMES
Owner Address: 130 SCHOOL HOUSE RD.
Owner Address2:
Owner City: DRIFTWOOD
Owner State: TX
Owner Zip: 78619
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.237222
Longitude: -98.035556
Drilling Date Started: 2005-01-11
Drilling Date Completed: 2005-01-11
Chemical Analysis: No
Company Name: CENTRAL TEXAS DRILLING, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=54920&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 710.0

Top Depth: 0
Bottom Depth: 50

Top Depth: 50
Bottom Depth: 710

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
56	1 of 1	WSW	0.79 / 4,167.82	RIENZI CUSTOM HOMES 12410 TRIPLE CREEK DRIVE DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 94540
Date Submitted: 2006-10-06
Owner Name: RIENZI CUSTOM HOMES
Owner Address: 1054 WINDMILL RUN
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.242778
Longitude: -98.039722
Drilling Date Started: 2006-06-23
Drilling Date Completed: 2006-06-23
Chemical Analysis: No
Company Name: CENTRAL TEXAS DRILLING, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=94540&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 710.0

Top Depth: 0
Bottom Depth: 100

Top Depth: 100
Bottom Depth: 710

Well Levels

Measurement: 513.6
Measurement Date: 2006-06-23

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
57	1 of 1	W	0.79 / 4,173.82	David Embry 15800 Fitzhugh Rd. Dripping Springs TX 78620	SDRW WELLS

Track NO: 357344
Date Submitted: 2014-03-21
Owner Name: David Embry
Owner Address: 15800 Fitzhugh Rd.
Owner Address2:
Owner City: Dripping Springs
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.248334
Longitude: -98.040278
Drilling Date Started: 2014-01-21
Drilling Date Completed: 2014-01-22
Chemical Analysis: No
Company Name: Bee Cave Drilling, Inc.
Company Address: 185 Angel Fire Dr.
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=357344&Type=SDR-Well

Well Borehole Information

Top Depth: 10
Bottom Depth: 20

Top Depth: 20
Bottom Depth: 800

Top Depth: 0
Bottom Depth: 10

Top Depth:
Bottom Depth: 800.0

Well Levels

Measurement: 562
Measurement Date: 2014-01-24

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
58	1 of 1	SE	0.80 / 4,210.00	Joe Terry 12345 Pauls Valley Rd. Austin TX 78737	SDRW WELLS

Track NO: 324088
Date Submitted: 2013-07-15
Owner Name: Joe Terry
Owner Address: 12345 Pauls Valley Rd.
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78737
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.236667
Longitude: -98.011389
Drilling Date Started: 2013-06-10
Drilling Date Completed: 2013-06-10
Chemical Analysis: No
Company Name: Associated Drilling Inc.
Company Address: 12928 Lowden Ln.
CompanyAddress2:
Company City: Manchaca
Company State: TX
Company Zip: 78652
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=324088&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 750.0

Top Depth: 100
Bottom Depth: 750

Top Depth: 0
Bottom Depth: 100

Well Levels

Measurement: 361
Measurement Date: 2013-06-10

Well Strata

Water Type:

trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
59	1 of 1	W	0.80 / 4,222.68	CARA EUBANK 12215 TRIPLE CREEK CIRCLE DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 467599
Date Submitted: 2017-12-26
Owner Name: CARA EUBANK
Owner Address: 12215 TRIPLE CREEK CIRCLE
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Irrigation
Prop Use Oth Descr:
Latitude: 30.245967
Longitude: -98.039817
Drilling Date Started: 2017-11-11
Drilling Date Completed: 2017-11-11
Chemical Analysis: No
Company Name: Centex Pump & Supply, Inc.
Company Address: 2520 Hwy. 290 West
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=467599&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 730.0

Top Depth: 0
Bottom Depth: 100

Top Depth: 100
Bottom Depth: 730

Well Levels

Measurement: 522
Measurement Date: 2017-11-28

Well Strata

Water Type:

LOWER TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
60	1 of 1	NW	0.80 / 4,241.96	Sam Caldwell 11355 Bonham Ranch Rd. Dripping Springs TX 78620	SDRW WELLS

Track NO: 385494
Date Submitted: 2015-01-13
Owner Name: Sam Caldwell
Owner Address: 11355 Bonham Ranch Rd.
Owner Address2:
Owner City: Dripping Springs
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.255834
Longitude: -98.036389
Drilling Date Started: 2014-11-26
Drilling Date Completed: 2014-11-28
Chemical Analysis: No
Company Name: Associated Drilling Inc.
Company Address: PO Box 673
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=385494&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 850.0

Top Depth: 50
Bottom Depth: 850

Top Depth: 0
Bottom Depth: 50

Well Levels

Measurement: 497
Measurement Date: 2014-11-28

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
61	1 of 1	NW	0.81 / 4,260.87	Jerry Swan 11201 Bonham Ranch Road #9 Dripping Springs TX 78620	SDRW WELLS

Track NO: 91299
Date Submitted: 2006-08-28
Owner Name: Jerry Swan
Owner Address: 1201 Bonham Ranch Road #9
Owner Address2:
Owner City: Dripping Springs
Owner State: TX
Owner Zip: 78620
County: Travis
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.257223
Longitude: -98.034167
Drilling Date Started: 2006-08-03
Drilling Date Completed: 2006-08-04
Chemical Analysis: No
Company Name: Apex Drilling, Inc
Company Address: PO Box 867
CompanyAddress2:
Company City: Marble Falls
Company State: TX
Company Zip: 78654
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=91299&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 830.0

Top Depth: 0
Bottom Depth: 30

Top Depth: 30
Bottom Depth: 830

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
62	1 of 2	WNW	0.81 / 4,265.43	CHARLES D. CARPENTER TX	TCEQ WELL LOGS

Grid No: 57-48-9
Date Drilled: 12/05/1987
Owners Name: CHARLES D. CARPENTER
County: HAYS
Water Usage: DOMESTIC
Static Level: 320
Depth Drilled: 470
Latitude: 30.253994
Longitude: -98.037493

Please use black ink.
Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Charles D. Carpenter (Name) Address 15244 Fitzhugh Rd (Street or RFD) Austin (City) 78736 (State) (Zip)

2) LOCATION OF WELL: County Hays 6 miles in NE (N.E., S.W., etc.) direction from Blanco Springs (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☑ See attached map. Dot #2 on 57-64-7

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☐ Driven ☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☑ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 12-5 1987 Completed " 19 ___

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6	Surface	470

From (ft.)	To (ft.)	Description and color of formation material
0	1	Top Soil
1	5	Yellow rock
5	95	Blue lime
95	100	Flint
100	170	Grey lime
170	240	Blue lime
240	300	Grey lime
300	305	Flint
305	370	Blue lime
370	410	Grey lime
410	415	Flint
415	445	White lime
445	455	Water
455	470	White lime

7) BOREHOLE COMPLETION:
☑ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing	Gage Screen
5	N	Plastic	0	470		

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 20 ft. No. of Sacks Used 2
_____ ft. to _____ ft. No. of Sacks Used _____
Method used Poured
Cemented by _____

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☑ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 320 ft. below land surface Date 12-5-87
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth

RECEIVED
JAN 4 1988
TEXAS WATER COMMISSION

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 440 ft.

(Use reverse side if necessary)

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 10 gpm with _____ ft. drawdown after _____ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME RICHARD L. BIBLE WATER WELL DRILLING Water Well Driller's License No. 284
ADDRESS 10210 BIRCLE DR. AUSTIN, TEXAS 78736 (Street or RFD) (City) (State) (Zip)

(Signed) Richard L. Bible (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 57-48-9
Located on map _____

WWD-012 (Rev.01-28-87) TEXAS WATER COMMISSION COPY

Please use black ink.
Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Charles D. Carpenter (Name) Address 15244 Fitzhugh Rd (Street or RFD) Austin (City) 78736 (State) (Zip)

2) LOCATION OF WELL: County Hays 6 miles in NE (N.E., S.W., etc.) direction from Blanco Springs (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☑ See attached map. Dot #2 on 57-64-7

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☐ Driven ☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☑ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 12-5 1987 Completed " 19 ___

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6	Surface	470

From (ft.)	To (ft.)	Description and color of formation material
0	1	Top Soil
1	5	Yellow rock
5	95	Blue lime
95	100	Flint
100	170	Grey lime
170	240	Blue lime
240	300	Grey lime
300	305	Flint
305	370	Blue lime
370	410	Grey lime
410	415	Flint
415	445	White lime
445	455	Water
455	470	White lime

7) BOREHOLE COMPLETION:
☑ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing	Gage Screen
5	N	Plastic	0	470		

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 20 ft. No. of Sacks Used 2
_____ ft. to _____ ft. No. of Sacks Used _____
Method used Poured
Cemented by _____

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☑ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 320 ft. below land surface Date 12-5-87
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth

RECEIVED
JAN 4 1988
TEXAS WATER COMMISSION

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 440 ft.

(Use reverse side if necessary)

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 10 gpm with _____ ft. drawdown after _____ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME RICHARD L. BIBLE WATER WELL DRILLING Water Well Driller's License No. 284
ADDRESS 10210 CIRCLE DR. AUSTIN, TEXAS 78736 (Street or RFD) (City) (State) (Zip)

(Signed) Richard L. Bible (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 57-48-9
Located on map _____

WWD-012 (Rev.01-28-87) TEXAS WATER COMMISSION COPY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
62	2 of 2	WNW	0.81 / 4,265.43	Morgan, Frank 11401 Bonham Ranch Rd. Dripping Springs, TX TX 78620	SDRW WELLS

Track NO: 103823
Date Submitted: 2007-02-08
Owner Name: Morgan, Frank
Owner Address: 5013 Cascade Drive
Owner Address2:
Owner City: Corpus Christi
Owner State: TX
Owner Zip: 78413
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.254445
Longitude: -98.037222
Drilling Date Started: 2006-10-30
Drilling Date Completed: 2006-12-13
Chemical Analysis: No
Company Name: Whisenant & Lyle Water Services, Inc.
Company Address: P. O. Box 525
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=103823&Type=SDR-Well

Well Borehole Information

Top Depth: 0
Bottom Depth: 800

Top Depth:
Bottom Depth: 800.0

Well Levels

Measurement: 550
Measurement Date: 2006-11-28

Well Strata

Water Type:

Good

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
63	1 of 1	WNW	0.82 / 4,346.24	SHARON BENNET TX	TCEQ WELL LOGS

Grid No:	57-48-9
Date Drilled:	06/21/1999
Owners Name:	SHARON BENNET
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	NOT REPORTED
Depth Drilled:	800
Latitude:	30.250969
Longitude:	-98.039238

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER BENNET, SHARON (Name) ADDRESS 6801 S. HWY 183 (Street or RFD) AUSTIN, (City) TEXAS (State) 78744 (Zip)

2) ADDRESS OF WELL: County HAYS FITZHUGH- BONHAM RD. (Street or RFD) DRIPPING SPRINGS (City) TEXAS (State) 78620 (Zip) GRID # 57-48-9

3) TYPE OF WORK (Check):
☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) 30° 16.00" N 98° 1.00"W

6) WELL LOG:
Date Drilling: Started 06-21-19 99 Completed 06-21-19 99

DIAMETER OF HOLE

Dia.. (in.)	From (ft.)	To (ft.)
8.75"	Surface	10'
6"	10	800

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	12	CALICHE
12	70	GRAY LIME STONE
70	90	WHITE LIME STONE
90	270	LT GRAY LIME STONE
270	280	WHITE LIME STONE
280	285	BLACK CLAY
285	370	DARK GRAY LIME
370	460	TAN & WHITE LIME
460	500	LT GRAY LIME
500	550	GRAY LIME STONE (H20 15 GPM)
550	655	CLAY HAMMID
655	800	RED SANDSTONE & CLAY
		H20 - 40 GPM

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5 OD	N	PVC PLASTIC	+2	600	SCH 40
5 OD	N	PVC PLASTIC	600	800	SDR 17

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 4
ft. to ft. No. of sacks used
Method used SLURRY
Cemented by C.T.D.
Distance to septic system field lines or other concentrated contamination 100' ft.
Method of verification of above distance WELL DRILLED FIRST

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ____ ft. below land surface Date ____
Artesian flow ____ gpm Date ____

12) PACKERS:	Type	Depth
3	PVC & BURLAP	700',680',20'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40 gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 100'
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #1313

ADDRESS 2520 HIGHWAY 290 WEST (Street or RFD) DRIPPING SPRINGS (City) TEXAS (State) 78620 (Zip)

(Signed) Frank Blair (Licensed Well Driller) (Signed) M Beck (Registered Driller Trainee)

FILE ID SEQ # EMP # MAR 0 8 2000

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) TNRCC COPY DRILLER'S COPY WELL OWNER'S COPY

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER BENNET, SHARON (Name) ADDRESS 6801 S. HWY 183 (Street or RFD) AUSTIN, (City) TEXAS (State) 78744 (Zip)

2) ADDRESS OF WELL: County HAYS FITZHUGH- BONHAM RD. (Street or RFD) DRIPPING SPRINGS (City) TEXAS (State) 78620 (Zip) GRID # 57-48-9

3) TYPE OF WORK (Check):
☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) 30° 16.00" N 98° 1.00"W

6) WELL LOG:
Date Drilling: Started 06-21-19 99 Completed 06-21-19 99

DIAMETER OF HOLE

Dia.. (in.)	From (ft.)	To (ft.)
8.75"	Surface	10'
6"	10	800

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	12	CALICHE
12	70	GRAY LIME STONE
70	90	WHITE LIME STONE
90	270	LT GRAY LIME STONE
270	280	WHITE LIME STONE
280	285	BLACK CLAY
285	370	DARK GRAY LIME
370	460	TAN & WHITE LIME
460	500	LT GRAY LIME
500	550	GRAY LIME STONE (H20 15 GPM)
550	655	CLAY HAMMID
655	800	RED SANDSTONE & CLAY
		H20 - 40 GPM

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5 OD	N	PVC PLASTIC	+2	600	SCH 40
5 OD	N	PVC PLASTIC	600	800	SDR 17

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 4
____ ft. to ____ ft. No. of sacks used ____
Method used SLURRY
Cemented by C.T.D.
Distance to septic system field lines or other concentrated contamination 100' ft.
Method of verification of above distance WELL DRILLED FIRST

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ____ ft. below land surface Date ____
Artesian flow ____ gpm Date ____

12) PACKERS:

	Type	Depth
3	PVC & BURLAP	700',680',20'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40 gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 100'
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #1313

ADDRESS 2520 HIGHWAY 290 WEST (Street or RFD) DRIPPING SPRINGS (City) TEXAS (State) 78620 (Zip)

(Signed) Frank Blair (Licensed Well Driller) (Signed) M Beck (Registered Driller Trainee)

FILE ID SEQ # EMP # MAR 0 8 2000

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) TNRCC COPY DRILLER'S COPY WELL OWNER'S COPY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
64	1 of 1	WSW	0.83 / 4,361.03	DABNEY HOMES 12322 TRIPLE CREEK DRIVE DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 433210
Date Submitted: 2000-07-27
Owner Name: DABNEY HOMES
Owner Address: 130 SCHOOL HOUSE RD
Owner Address2:
Owner City: DRIFTWOOD
Owner State: TX
Owner Zip: 78619
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.240833
Longitude: -98.039333
Drilling Date Started: 2000-05-27
Drilling Date Completed: 2000-05-27
Chemical Analysis: No
Company Name: CENTEX PUMP & SUPPLY, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=433210&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 730.0

Top Depth: 10
Bottom Depth: 730

Top Depth: 0
Bottom Depth: 10

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
65	1 of 1	W	0.83 / 4,382.38	KIM & JEFF SESSIONS TX	TCEQ WELL LOGS

Grid No:	57-48-9
Date Drilled:	02/28/2000
Owners Name:	KIM & JEFF SESSIONS
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	367
Depth Drilled:	800
Latitude:	30.244316
Longitude:	-98.040194

Send original copy by certified return receipt requested mail to: TDLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: *Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)*

State of Texas
WELL REPORT

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
512-463-7880

1) OWNER Kim Jeff Sessions (Name) ADDRESS 12204 Tripple Creek cir. (Street or RFD) Dripping Springs (City) TX (State) 78620 (Zip)

2) ADDRESS OF WELL'S LOCATION: County Hays 12204 Tripple Creek Cir. (Street, RFD or other) Dripping Springs (City) TX (State) 78620 (Zip) Long. 97-48-9 Lat.

3) TYPE OF WORK (Check): [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [X] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) 0

6) WELL LOG:
Date Drilling: Started 02/23/2000 Completed 02/25/2000

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6	Surface	25
6 3/4	25	680
6	680	800

7) DRILLING METHOD (Check): [ ] Driven [X] Air Rotary [ ] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

From (ft.)	To (ft.)	Description and color of formation material
0	20	Top chalk
20	350	Blue Lime
350	430	Tan Lime
430	540	Tan Sandstone
540	580	Gray Sandstone
580	590	Gray Shale
590	630	Tan Lime
630	680	Red Sandstone
680	750	Broken Yellow & Purple
750	800	Hard tan Limestone

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): [ ] Open Hole [X] Straight Wall [ ] Underreamed [ ] Gravel Packed [ ] Other
If Gravel Packed give interval from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5od	N	Plastic	-2	700	40

9) CEMENTING DATA
Cemented from 20 ft. to 0 ft. No. of sacks used 5
____ ft. to ____ ft. No. of sacks used ____
Method used Gravity
Cemented by ADC
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance ____

13) [ ] Well plugged within 48 hours

Casing left in well: From (ft)	Casing left in well: To (ft)	Cement/bentonite placed in well: From (ft)	Cement/bentonite placed in well: To (ft)	Sacks used:

14) TYPE PUMP:
[ ] Turbine [ ] Jet [X] Submersible [ ] Cylinder [ ] Other
Depth to pump bowls, cylinder, jet, etc., 560 ft.

15) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [ ] Jetted [X] Estimated
Yield: 200 gpm with ____ ft. drawdown after ____ hrs.

16) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Trinity Depth of strata 680 - 715
Was a chemical analysis made? [ ] Yes [X] No

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed
[X] Specified Steel Sleeve Installed
[ ] Pitless Adapter Used
[ ] Approved Alternative Procedure Used

11) WATER LEVEL:
Static level 367 ft. below land surface Date 3/15/00
Artesian flow ____ gpm. Date ____

12) PACKERS:

Type	Depth
Neoprene / Grout	20'
Shale Trap	600'

I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Associated Drilling Co. (Type or print) WELL DRILLER'S LICENSE NO. 4064 WI

ADDRESS P. O. Box 1060 (Street or RFD) Manchaca (City) TX (State) 78652 (Zip)

(Signed) James Smoot (Licensed Well Driller)

(Signed) ____ (Registered Driller Trainee)

FILE ID
EMP E
COMMENT

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDLR FORM 001WWD (4/98) White - TDLR Yellow - DRILLER Pink - WELL OWNER

Send original copy by certified return receipt requested mail to: TDLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: *Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)*

State of Texas
WELL REPORT

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
512-463-7880

1) OWNER Kim Jeff Sessions (Name) ADDRESS 12204 Tripple Creek cir. (Street or RFD) Dripping Springs (City) TX (State) 78620 (Zip)

2) ADDRESS OF WELL'S LOCATION: County Hays 12204 Tripple Creek Cir. (Street, RFD or other) Dripping Springs (City) TX (State) 78620 (Zip) Long. 97-48-9 Lat.

3) TYPE OF WORK (Check): [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [X] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) 0

6) WELL LOG:
Date Drilling: Started 02/23/2000 Completed 02/25/2000

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6	Surface	25
6 3/4	25	680
6	680	800

7) DRILLING METHOD (Check): [X] Air Rotary [ ] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

From (ft.)	To (ft.)	Description and color of formation material
0	20	Top chalk
20	350	Blue Lime
350	430	Tan Lime
430	540	Tan Sandstone
540	580	Gray Sandstone
580	590	Gray Shale
590	630	Tan Lime
630	680	Red Sandstone
680	750	Broken Yellow & Purple
750	800	Hard tan Limestone

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): [ ] Open Hole [X] Straight Wall [ ] Underreamed [ ] Gravel Packed [ ] Other
If Gravel Packed give interval from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5od	N	Plastic	-2	700	40

9) CEMENTING DATA
Cemented from 20 ft. to 0 ft. No. of sacks used 5
____ ft. to ____ ft. No. of sacks used ____
Method used Gravity
Cemented by ADC
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance ____

13) [ ] Well plugged within 48 hours

Casing left in well: From (ft)	Casing left in well: To (ft)	Cement/bentonite placed in well: From (ft)	Cement/bentonite placed in well: To (ft)	Sacks used:

14) TYPE PUMP:
[ ] Turbine [ ] Jet [X] Submersible [ ] Cylinder [ ] Other
Depth to pump bowls, cylinder, jet, etc., 560 ft.

15) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [ ] Jetted [X] Estimated
Yield: 200 gpm with ____ ft. drawdown after ____ hrs.

16) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Trinity Depth of strata 680 - 715
Was a chemical analysis made? [ ] Yes [X] No

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed
[X] Specified Steel Sleeve Installed
[ ] Pitless Adapter Used
[ ] Approved Alternative Procedure Used

11) WATER LEVEL:
Static level 367 ft. below land surface Date 3/15/00
Artesian flow ____ gpm. Date ____

12) PACKERS:

Type	Depth
Neoprene / Grout	20'
Shale Trap	600'

I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Associated Drilling Co. (Type or print) WELL DRILLER'S LICENSE NO. 4064 WI

ADDRESS P. O. Box 1060 (Street or RFD) Manchaca (City) TX (State) 78652 (Zip)

(Signed) James Smoot (Licensed Well Driller)

(Signed) ____ (Registered Driller Trainee)

FILE ID
EMP E
COMMENT

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDLR FORM 001WWD (4/98) White - TDLR Yellow - DRILLER Pink - WELL OWNER

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
66	1 of 1	W	0.83 / 4,397.60	ERIC & CASEY FRIESENHAHN 12209 TRIPLE CRK. CIRCLE DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 58765
Date Submitted: 2005-05-13
Owner Name: ERIC & CASEY FRIESENHAHN
Owner Address: 10500 HILL COUNTRY SKYLINE
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.240834
Longitude: -98.0375
Drilling Date Started: 2005-03-14
Drilling Date Completed: 2005-03-14
Chemical Analysis: No
Company Name: CENTRAL TEXAS DRILLING, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=58765&Type=SDR-Well

Well Borehole Information

Top Depth: 50
Bottom Depth: 730

Top Depth: 0
Bottom Depth: 50

Top Depth:
Bottom Depth: 730.0

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
67	1 of 1	W	0.87 / 4,590.00	COUNTRY CUSTOM HOMES/SHELTON-OWNER TX	TCEQ WELL LOGS

Grid No: N/A
Date Drilled: 10/31/1997
Owners Name: COUNTRY CUSTOM HOMES/SHELTON-OWNER
County: HAYS
Water Usage: DOMESTIC
Static Level: NOT REPORTED
Depth Drilled: 700
Latitude: 30.242312
Longitude: -98.040428

Send original copy by certified mail to: TNRCC, P.O. [illegible] 13087, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER COUNTRY CUSTOM HOMES/SHELTON-OWNER (Name) ADDRESS 9308 LONGVALE DR. (Street or RFD) AUSTIN, (City) TEXAS (State) 78729 (Zip)

2) ADDRESS OF WELL: County HAYS 12300 TRIPLE CR. DR. (Street or RFD) DRIPPING SPRINGS, (City) TEXAS (State) 78620 (Zip) GRID # _____

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 14.560' W 098° 02.431'

6) WELL LOG:
Date Drilling: Started 10-31- 19 97 Completed 10-31- 19 97

DIAMETER OF HOLE	Dia.. (in.)	From (ft.)	To (ft.)
	8"	Surface	10'
	6"	10'	700'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other _____

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	15	CALICHE
15	135	BLUE LIME
135	370	GRAY LIME
370	435	BROWN/GRAY
435	460	WHITE
460	500	BROWN
500	550	HAMMID
550	590	HENSEL
590	700	TRINITY

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing	Gage Screen
5 OD	N	PVC	+2	700	SCH. 40	

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 7 CEMENT
_____ ft. to _____ ft. No. of sacks used _____
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance N/A

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level _____ ft. below land surface Date _____
Artesian flow _____ gpm Date _____

12) PACKERS:

Type	Depth
BURLAP	20, 580
PVC	20, 560

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 80 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 30
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #2422

ADDRESS 25203 RANCH RD. 12 (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) David Kare (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) DRILLERS COPY TNRCC COPY OWNERS COPY

84364

Send original copy by certified mail to: TNRCC, P.O. [illegible] 13087, Austin, TX 78711-3087 — *Please use black ink.*

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER COUNTRY CUSTOM HOMES/SHELTON-OWNER (Name) ADDRESS 9308 LONGVALE DR. (Street or RFD) AUSTIN, (City) TEXAS (State) 78729 (Zip)

2) ADDRESS OF WELL: County HAYS 12300 TRIPLE CR. DR. (Street or RFD) DRIPPING SPRINGS, (City) TEXAS (State) 78620 (Zip) GRID # _____

3) TYPE OF WORK (Check):
☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 14.560' W 098° 02.431'

6) WELL LOG:
Date Drilling: Started 10-31- 19 97 Completed 10-31- 19 97

DIAMETER OF HOLE	Dia.. (in.)	From (ft.)	To (ft.)
	8"	Surface	10'
	6"	10'	700'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other _____

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	15	CALICHE
15	135	BLUE LIME
135	370	GRAY LIME
370	435	BROWN/GRAY
435	460	WHITE
460	500	BROWN
500	550	HAMMID
550	590	HENSEL
590	700	TRINITY

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing	Gage Screen
5 OD	N	PVC	+2	700	SCH. 40	

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 7 CEMENT
_____ ft. to _____ ft. No. of sacks used _____
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance N/A

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level _____ ft. below land surface Date _____
Artesian flow _____ gpm Date _____

12) PACKERS:	Type	Depth
2	BURLAP	20, 580
2	PVC	20, 560

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 80 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 30
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #2422

ADDRESS 25203 RANCH RD. 12 (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) David Kare (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) DRILLERS COPY TNRCC COPY OWNERS COPY

FILE # [illegible] SEQ # [illegible] EMP # [illegible] AUG 0 1998 COMMENT

184364

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
68	1 of 1	W	0.88 / 4,666.83	Kevin Reed 12201 Triple Creek Circle Dripping Springs TX 78620	SDRW WELLS

Track NO:	168157
Date Submitted:	2009-02-11
Owner Name:	Kevin Reed
Owner Address:	6705 Lancrest Hill
Owner Address2:	
Owner City:	Austin
Owner State:	TX
Owner Zip:	78745
County:	Hays
Type of Work:	New Well
Typ of Wrk Oth Descr:	
Proposed Use:	Domestic
Prop Use Oth Descr:	
Latitude:	30.241111
Longitude:	-98.038334
Drilling Date Started:	2004-08-10
Drilling Date Completed:	2004-08-11
Chemical Analysis:	No
Company Name:	Highland Drilling Inc.
Company Address:	309 Frazier St.
CompanyAddress2:	
Company City:	Tow
Company State:	TX
Company Zip:	78672
Company Country:	
Data Source:	Full SDR Database; SDRDB Well Location (Map)
Report Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=168157&Type=SDR-Well

Well Borehole Information

Top Depth:	
Bottom Depth:	680.0
Top Depth:	0
Bottom Depth:	680

Well Levels

Measurement:	460
Measurement Date:	2004-08-11

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
69	1 of 1	W	0.90 / 4,775.12	JIM SHEPHARD 12208 TRIPLE CREEK DR DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 93226
Date Submitted: 2006-09-21
Owner Name: JIM SHEPHARD
Owner Address: 12208 TRIPLE CREEK DR
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.241111
Longitude: -98.037778
Drilling Date Started: 2006-08-23
Drilling Date Completed: 2006-08-27
Chemical Analysis: Yes
Company Name: BEE CAVE DRILLING
Company Address: 185 ANGELFIRE DR
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78862
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=93226&Type=SDR-Well

Well Borehole Information

Top Depth: 100
Bottom Depth: 775

Top Depth:
Bottom Depth: 775.0

Top Depth: 0
Bottom Depth: 100

Well Levels

Measurement: 323
Measurement Date: 2006-08-28

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
70	1 of 1	NNW	0.91 / 4,818.77	Jason Allen (Bujan-Hall) 11002 Bonham Ranch Rd. Austin TX 78736	SDRW WELLS

Track NO: 265099
Date Submitted: 2011-09-09
Owner Name: Jason Allen (Bujan-Hall)
Owner Address: 10200 Hwy. 290 W
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78736
County: Travis
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.260556
Longitude: -98.030833
Drilling Date Started: 2005-06-13
Drilling Date Completed: 2005-07-22
Chemical Analysis: No
Company Name: Whisenant & Lyle WSI
Company Address: PO Box 525
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=265099&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 780.0

Top Depth: 0
Bottom Depth: 780

Well Levels

Measurement: 680
Measurement Date: 2005-10-22

Well Strata

Water Type:

Good

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
71	1 of 1	SE	0.93 / 4,888.88	Richard Bowden 12460 Pauls Valley Rd. Austin TX 78737	SDRW WELLS

Track NO: 439201
Date Submitted: 2016-12-20
Owner Name: Richard Bowden
Owner Address: 12460 Pauls Valley Rd.
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78737
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.233139
Longitude: -98.012083
Drilling Date Started: 2016-11-22
Drilling Date Completed: 2016-11-22
Chemical Analysis: No
Company Name: Associated Drilling Inc
Company Address: PO Box 673
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=439201&Type=SDR-Well

Well Borehole Information

Top Depth: 50
Bottom Depth: 710

Top Depth:
Bottom Depth: 710.0

Top Depth: 0
Bottom Depth: 50

Well Strata

Water Type:

Lower Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
72	1 of 1	WNW	0.96 / 5,084.01	Sarah & Spencer Whelan 128 Hudson Ln. Dripping Springs TX 78620	SDRW WELLS

Track NO: 603499
Date Submitted: 2022-04-26
Owner Name: Sarah & Spencer Whelan
Owner Address: 11500 Emerald Falls Dr.
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78738
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.249056
Longitude: -98.042278
Drilling Date Started: 2022-04-08
Drilling Date Completed: 2022-04-08
Chemical Analysis: No
Company Name: Centex Pump & Supply, Inc.
Company Address: 2520 Hwy. 290 West
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=603499&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 870.0

Top Depth: 0
Bottom Depth: 100

Top Depth: 100
Bottom Depth: 870

Well Levels

Measurement: 669
Measurement Date: 2022-04-18

Well Strata

Water Type:

Lower Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
73	1 of 1	N	0.97 / 5,147.51	Randy Metzger 10418 Crumley Ranch Road Austin TX 78738	SDRW WELLS

Track NO: 261818
Date Submitted: 2011-08-10
Owner Name: Randy Metzger
Owner Address: 10418 Crumley Ranch Road
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78738
County: Travis
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.261667
Longitude: -98.021944
Drilling Date Started: 2011-06-21
Drilling Date Completed: 2011-06-21
Chemical Analysis: No
Company Name: Bee Cave Drilling
Company Address: 185 Angelfire Drive
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=261818&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 550.0

Top Depth: 100
Bottom Depth: 550

Top Depth: 10
Bottom Depth: 100

Top Depth: 0
Bottom Depth: 10

Well Strata

Water Type:

Fresh

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
74	1 of 1	WNW	0.99 / 5,210.88	JERRY SWAN TX	TCEQ WELL LOGS

Grid No:	57-48-9
Date Drilled:	06/18/2002
Owners Name:	JERRY SWAN
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	NOT REPORTED
Depth Drilled:	780
Latitude:	30.254698
Longitude:	-98.040476

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER SWAN, JERRY (Name) ADDRESS 2130 SPRING VALLEY (Street or RFD) DRIPPING SPRINGS, (City) TX, (State) 78620 (Zip)

2) ADDRESS OF WELL: County HAYS 11398 BONHAM RANCH RD. (Street or RFD) (City) TX, (State) (Zip) GRID # 57-48-9

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N30°16.00 W098°1.00 N

6) WELL LOG:
Date Drilling: Started 06-18-20 01 Completed 06-18-20 01

DIAMETER OF HOLE		
Dia.. (in.)	From (ft.)	To (ft.)
	Surface	
9"	0	30
6"	30	780

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	16	CALICHE
16	95	BLUE LIME
95	280	GRAY LIME
280	310	BROWN LIME
310	460	GRAY LIME
460	500	DARK BROWN LIME
500	540	BROWN LIME WATER
540	585	GRAY LIME
585	615	HAMMID
615	640	GRAY & BROWN
640	780	TRINITY

(Use reverse side if necessary)

8) Borehole Completion (Check): Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ft. to ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing	Gage Screen
5 OD	N	PVC PLASTIC	+2	780		SCH 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 30 ft. No. of sacks used 6
ft. to ft. No. of sacks used
Method used SLURRY
Cemented by C.T.D.
Distance to septic system field lines or other concentrated contamination 100+ ft.
Method of verification of above distance OWNER

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ft. below land surface Date
Artesian flow gpm Date

12) PACKERS:

	Type	Depth
3	PVC & BURLAP	30, 620, 640

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40 gpm with ft. drawdown after hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 60
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #1313

ADDRESS 2520 HIGHWAY 290 WEST (Street or RFD) DRIPPING SPRINGS (City) TEXAS (State) 78620 (Zip)

(Signed) Frank Glass (Licensed Well Driller) (Signed) (Registered Driller Trainee)

FILE ID SEQ # CNTY # ESC CO

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) TNRCC COPY DRILLER'S COPY OCT 0 5 2001 WELL OWNER'S COPY

AG

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER SWAN, JERRY (Name) ADDRESS 2130 SPRING VALLEY (Street or RFD) DRIPPING SPRINGS, (City) TX, (State) 78620 (Zip)

2) ADDRESS OF WELL: County HAYS 11398 BONHAM RANCH RD. (Street or RFD) (City) TX, (State) (Zip) GRID # 57-48-9

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N30°16.00 W098°1.00 N

6) WELL LOG:
Date Drilling: Started 06-18-20 01 Completed 06-18-20 01

DIAMETER OF HOLE		
Dia.. (in.)	From (ft.)	To (ft.)
	Surface	
9"	0	30
6"	30	780

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	16	CALICHE
16	95	BLUE LIME
95	280	GRAY LIME
280	310	BROWN LIME
310	460	GRAY LIME
460	500	DARK BROWN LIME
500	540	BROWN LIME WATER
540	585	GRAY LIME
585	615	HAMMID
615	640	GRAY & BROWN
640	780	TRINITY

(Use reverse side if necessary)

8) Borehole Completion (Check): Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ft. to ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing	Gage Screen
5 OD	N	PVC PLASTIC	+2	780		SCH 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 30 ft. No. of sacks used 6
ft. to ft. No. of sacks used
Method used SLURRY
Cemented by C.T.D.
Distance to septic system field lines or other concentrated contamination 100+ ft.
Method of verification of above distance OWNER

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ft. below land surface Date
Artesian flow gpm Date

12) PACKERS:

Type	Depth
3 PVC & BURLAP	30, 620, 640

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40 gpm with ft. drawdown after hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 60
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #1313

ADDRESS 2520 HIGHWAY 290 WEST (Street or RFD) DRIPPING SPRINGS (City) TEXAS (State) 78620 (Zip)

(Signed) Frank Glass (Licensed Well Driller) (Signed) (Registered Driller Trainee)

FILE ID SEQ # CNTY # ESC CO

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) TNRCC COPY DRILLER'S COPY OCT 0 5 2001 WELL OWNER'S COPY

AG

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
75	1 of 1	WNW	0.99 / 5,214.63	Jack Dabney Homes 200 Hudson Lane Dripping Springs TX 78620	SDRW WELLS

Track NO: 45601
Date Submitted: 2004-09-28
Owner Name: Jack Dabney Homes
Owner Address: 130 School House Rd.
Owner Address2:
Owner City: Driftwood
Owner State: TX
Owner Zip: 78619
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.250556
Longitude: -98.038611
Drilling Date Started: 2004-09-04
Drilling Date Completed: 2004-09-04
Chemical Analysis: No
Company Name: CENTRAL TEXAS DRILLING
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=45601&Type=SDR-Well

Well Borehole Information

Top Depth: 50
Bottom Depth: 830

Top Depth:
Bottom Depth: 830.0

Top Depth: 0
Bottom Depth: 50

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
76	1 of 1	N	0.99 / 5,236.98	Puryear Ranch Spring TX	GWDB

Well Rep Track No:	
State Well NO:	5748914
Owner Name:	Puryear Ranch Spring
Drilling Start Dt:	
Drilling Month:	
Drilling Day:	
Drilling Year:	
Well Depth:	
Well Usage:	
Water Level Status:	
Latitude:	30.2623361
Longitude:	-98.0264167
Data Source:	Groundwater Database (GWDB) Reports; GIS shapefile of GWDB well locations
Well Info Report:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetReports.aspx?Num=5748914&Type=GWDB
Document Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetScannedImage.aspx?Num=5748914&Cnty=Travis

TWDB Water Quality Field Data Sheet

SWN: 57-48-914 Site Name: PURYEAR SPRING Project TWDB Sampling

County: Travis (453); Hays (209) Address or Location: PURYEAR RANCH Newly Inventoried Well YES

County Code: 453 - TRAVIS CRUMLEY RANCH RD. ID Number: 021

Aquifer Code: 218 GLRSU DRIPPING SPRINGS, TX 78620 Date: 10/10/18

Aquifer Id: Edwards (11); Trinity (28) Sampler(s): BH, HC BSEACD

Standard TWDB suite			Isotopes (unfiltered, no ice)						
1	2	3	4	5	6	7			
250 ml filtered Cation Ice + HNO3	500ml filtered Anion Total Alk. Ice	250 ml filtered Nitrate Ice + H2SO4	250 ml SF 87/86 unpreserved	250 ml Deut. / O18 unpreserved	1 L Tritium unpreserved	1L C14 unpreserved			

All acidified samples pH <2.0. (*) If natural pH is <7, then add NaOH until pH is between 7 and 8. If natural pH is ≥7, no NaOH required.

Calibration Verification Readings

	HORIBA	Pre Sample	Post Sample
PH			
	4	4.00	4.62
Cond	0 (air)		
	4.49	4.49	4.37

Time In: 15:30 Time Out: 15:50

Water Level: M.P. = ft W.L. remark:

Pumping time: Sampling Point: SOURCE OF STREAM

Well Use:

Lift:

Power:

FIELD G.P.S. readings

Latitude: 30° 15' 44" N (GOOGLE EARTH 30° 15' 44.41 N)

Longitude: 098° 01' 25" W (098° 01' 35.01 W)

Casing Type: Casing Size: inches

Sample Time: 15:45 Filtered: Yes / No

Filter pressure: hand pump / line / gravity

Items Below Calculated Later From Results:

Dissolved Solids (mg/L):

Hardness (as CaCO3):

Balanced:

Water Quality Stabilization Parameters Table (At least 3 readings @ 5 min. intervals)

Time	15:33	15:38	15:43						
pH	6.15*	6.22*	7.08						
Fahrenheit Temp.	24.72	24.40	24.5						
Turbidity	0	0							
uS/Cm Conductivity	684	673							

Notes:

Field Data entered into TWDB GWDB: yes / no

Comments: * pH MEASUREMENTS QUESTIONABLE USING HORIBA; USED TO INDICATE PARAMETER STABILIZATION

MEASUREMENT @ 15:43 TAKEN WITH HM DIGITAL pH-200 pH METER

BSEACD 1124 Regal Row Austin, Tx 78748

TWDB Water Quality Field Data Sheet

SWN: 57-48-914 Site Name: PURYEAR SPRING Project TWDB Sampling

County: Travis (453); Hays (209) Address or Location: PURYEAR RANCH Newly Inventoried Well YES

County Code: 453 - TRAVIS CRUMLEY RANCH RD. ID Number: 021

Aquifer Code: 218 GLRSU DRIPPING SPRINGS, TX 78620 Date: 10/10/18

Aquifer Id: Edwards (11); Trinity (28) Sampler(s): BH, HC BSEACD

Standard TWDB suite			Isotopes (unfiltered, no ice)						
1	2	3	4	5	6	7			
250 ml filtered Cation Ice + HNO3	500ml filtered Anion Total Alk. Ice	250 ml filtered Nitrate Ice + H2SO4	250 ml SF 87/86 unpreserved	250 ml Deut. / O18 unpreserved	1 L Tritium unpreserved	1L C14 unpreserved			

All acidified samples pH <2.0. (*) If natural pH is <7, then add NaOH until pH is between 7 and 8. If natural pH is ≥7, no NaOH required.

Calibration Verification Readings

	HORIBA	Pre Sample	Post Sample
PH			
	4	4.00	4.62
Cond	0 (air)		
	4.49	4.49	4.37

Time In: 15:30 Time Out: 15:50

Water Level: M.P. = ft W.L. remark:

Pumping time: Sampling Point: SOURCE OF STREAM

Well Use:

Lift:

Power:

FIELD G.P.S. readings

Latitude: 30° 15' 44" N (GOOGLE EARTH 30° 15' 44.41 N)

Longitude: 098° 01' 25" W (098° 01' 35.01 W)

Casing Type: Casing Size: inches

Sample Time: 15:45 Filtered: Yes / No

Filter pressure: hand pump / line / gravity

Items Below Calculated Later From Results:

Dissolved Solids (mg/L):

Hardness (as CaCO3):

Balanced:

Water Quality Stabilization Parameters Table (At least 3 readings @ 5 min. intervals)

Time	15:33	15:38	15:43						
pH	6.15*	6.22*	7.08						
Fahrenheit Temp.	24.72	24.40	24.5						
Turbidity	0	0							
uS/Cm Conductivity	684	673							

Notes:

Field Data entered into TWDB GWDB: yes / no

Comments: * pH MEASUREMENTS QUESTIONABLE USING HORIBA; USED TO INDICATE PARAMETER STABILIZATION

MEASUREMENT @ 15:43 TAKEN WITH HM DIGITAL pH-200 pH METER

BSEACD 1124 Regal Row Austin, Tx 78748

Texas Water Development Board
Well Schedule

State Well Number: 57-48-914 | Prev. Well No. | County: TRAVIS | County Code: 453

Basin: COLORADO 14 | GMA: 09 | RWPA: K | GCD | Aquifer: UPPER GLEN ROSE 21BGLRSU

Latitude: 301544 | Longitude: 0980125 | Coord Accuracy: 0 | Aquifer ID1: 2B | Aquifer ID2 | Aquifer ID3

Owner/: Puryear Ranch | Driller

Well No.: Puryear Spring

Address: CRUMLEY RANCH RD., DRIPPING SPGS, TX 78620 | Tenant/Oper.

Well Depth | Source of Depth | Altitude: 1007 | Source of Alt. Datum: Z

Date Drilled | Well Type: S | User Code

Lift Data: Pump Mfr. | Type of Lift | Pump Depth Setting (ft) ft.

Motor Mfg | Type of Power | Horsepower

Water Use: Primary | U | Secondary | Tertiary

Other Data Available: Water Level | Water Quality: Y | Well Logs | Other Data

Well Construction: Const Method | Casing Material

Completion Method | Screen Material

Water Levels: Date | Meas. | Remarks | M.P. +/-

Date | Meas. | Remarks

Date | Meas. | Remarks

Water Quality: (Remarks:

Yield: Flow Rate | Pump Rate GPM | Circle how rate was determined: Meas Rept Est | Date of Test

Performance Test: Length of test hr | Production Rate GPM | Circle how rate was determined: Meas Rept Est | Date of Test

Static Level ft. | Pumping Level ft. | Amount of Drawdown ft. | Specific Capacity GPM/ft.

Casing Records:

	Casing or Blank Pipe (C) / Well Screen or Slotted Zone (S) / Open Hole (O) — Cemented from to — Diam. (in.)	Interval of C.S. or O. From	To
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			

Date Record Collected or Information Updated: 10192018 | Reporting Agency: 05 | Recorded by: LANE COCKRELL

Other Remarks 1 2 3 4 5 6

Aquifer

- -

Well Number

V:/SurfaceWaterResources/Groundwater/WaterQuality/WellSchedule

Texas Water Development Board
Well Schedule

State Well Number: 57-48-914 | Prev. Well No. | County: TRAVIS | County Code: 453

Basin: COLORADO 14 | GMA: 09 | RWPA: K | GCD | Aquifer: UPPER GLEN ROSE 21BGLRSU

Latitude: 301544 | Longitude: 0980125 | Coord Accuracy: 0 | Aquifer ID1: 2B | Aquifer ID2 | Aquifer ID3

Owner/: Puryear Ranch | Driller

Well No.: Puryear Spring

Address: CRUMLEY RANCH RD., DRIPPING SPGS, TX 78620 | Tenant/Oper.

Well Depth | Source of Depth | Altitude: 1007 | Source of Alt. Datum: Z

Date Drilled | Well Type: S | User Code

Lift Data: Pump Mfr. | Type of Lift | Pump Depth Setting (ft) ft.

Motor Mfg | Type of Power | Horsepower

Water Use: Primary: U | Secondary | Tertiary

Other Data Available: Water Level | Water Quality: Y | Well Logs | Other Data

Well Construction: Const Method | Casing Material

Completion Method | Screen Material

Water Levels:
Date | Meas. | Remarks | M.P. +/-
Date | Meas. | Remarks
Date | Meas. | Remarks

Water Quality (Remarks:

Yield: Flow Rate | Pump Rate GPM | Circle how rate was determined: Meas Rept Est | Date of Test

Performance Test: Length of test hr | Production Rate GPM | Circle how rate was determined: Meas Rept Est | Date of Test

Static Level ft. | Pumping Level ft. | Amount of Drawdown ft. | Specific Capacity GPM/ft.

Casing Records:

	Casing or Blank Pipe (C) / Well Screen or Slotted Zone (S) / Open Hole (O) — Cemented from to — Diam. (in.)	Interval of C.S. or O. From	To
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			

Date Record Collected or Information Updated: 10192018 | Reporting Agency: 05 | Recorded by: LANE COCKRELL

Other Remarks
1
2
3
4
5
6

Aquifer

- -

Well Number

V:/SurfaceWaterResources/Groundwater/WaterQuality/WellSchedule

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update.

Federal

Wells from NWIS: FED USGS

The U.S. Geological Survey's National Water Information System (NWIS) is the nation's principal repository of water resources data. The NWIS includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This NWIW dataset contains select Site Types from the overall NWIS Sites data, limited to the following Group Site Types only: Groundwater Group Site Types: Well, Collector or Ranney type well, Hyporheic-zone well, Interconnected Wells, Multiple wells; Spring Group Site Type: Spring; and Other Group Site Types: Aggregate groundwater use, Cistern.

Government Publication Date: Mar 21, 2022

State

Well Log Reports from Plotted Water Wells: TCEQ WELL LOGS

Locations of TCEQ Water Wells as derived from well logs in the Texas Commission on Environmental Quality (TCEQ) Water Well Report Viewer, which includes unnumbered water wells and those plotted to 2.5 minute grid locations (2-3 miles). In this collection of Well Log Reports, locations have been manually verified.

Government Publication Date: Jul 26, 2022

Select Wells from SDR: SDRW WELLS

Locations of wells from the Submitted Drillers Report (SDR) Database with select proposed usage: Domestic, Fracking Supply, Industrial, Irrigation, Other, Public Supply, Rig Supply, Stock, Unknown. SDR is populated from the online Texas Well Report Submission and Retrieval System (TWRSRS), a cooperative Texas Department of Licensing and Regulation (TDLR) and Texas Water Development Board (TWDB) application requiring registered water-well drillers to submit reports. Excludes SDR records with the following proposed usage: Closed-Loop Geothermal, De-watering, Environmental Soil Boring, Extraction, Injection, Monitor, Test Well.

Government Publication Date: Sep 6, 2022

Groundwater Database: GWDB

The Texas Water Development Board (TWDB) Groundwater Database (GWDB) contains information on selected water wells, springs, oil/gas tests (that were originally intended to be or were converted to water wells), water levels and water quality.

Government Publication Date: Oct 19, 2022

Fort Bend Subsidence District Water Wells: WW FORT BEND

List of water wells in the Fort Bend Subsidence District, boundaries of which are defined as all the territory within Fort Bend County. The Fort Bend Subsidence District was created by the Texas Legislature in 1989 as a conservation and reclamation district to control land subsidence and manage groundwater resources through regulation, conservation, and coordination with suppliers of alternative water sources to assure an adequate quantity and quality of water for the future. The District's purpose is to provide for the regulation of the withdrawal of groundwater within the District to prevent subsidence that contributes to flooding, inundation or overflow of areas within the District, including rising waters resulting from storms or hurricanes.

Government Publication Date: Nov 18, 2022

High Plains Water Wells: WW HIGH PLAINS

Inventory of water wells in the High Plains Underground Water Conservation District No. 1 (HPUWCD), which was created in 1951. As a political subdivision of Texas, HPUWCD is charged with protecting, preserving and conserving aquifers within the District's 16-county service area.

Government Publication Date: Apr 20, 2022

Harris Galveston Subsidence District Water Wells: WW HARRIS GAL

List of water wells in the Harris-Galveston Subsidence District (HGSD). The HGSD was created by the 64th Texas Legislature as an underground water conservation district in 1975 to provide regulation of groundwater withdrawal to control subsidence.

Government Publication Date: Nov 18, 2022

Water Utility Database: WUD

The Water Utility Database is defined as a collection of data from Texas Water Districts, Public Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ. This database is an integrated database designed and developed to replace over 160 stand alone legacy systems representing over 5 million records of the former Texas Water Commission and the Texas Department of Health.

Government Publication Date: Oct 1, 2020

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Executive Summary: This portion of the report is divided into 3 sections:

'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'

WELL_NO	SOURCE	DATE_DRILL	DEPTH_DRILL	WATER_USAGE	PARCEL_ADDRESS	PARCEL_CITY	STATE	OWNER_NAME	X	Y	Proposed BMPS
1	GWDB	2012	770	Domestic	11924 FITZHUGH Cors	DRIPPING SPRINGS	TX	Fitzhugh Corners	-98.03111349	30.24699334	Maintain Appropriate Setbacks
2	GWDB	1964	287	Domestic	10900 CRUMLEY RANCH Rd	AUSTIN	TX	N.O. Crumley	-98.025833	30.256112	Maintain Appropriate Setbacks
3	GWDB	2004	770	Domestic	306 FRONTERA RANCH Curv	DRIPPING SPRINGS	TX	Walt Graner Frontera OW-1	-98.03528244	30.25194102	Maintain Appropriate Setbacks
4	GWDB	2004	770	Domestic	381 FRONTERA RANCH Rd	DRIPPING SPRINGS	TX	Walt Graner Frontera PW-1	-98.0347316	30.25388371	Maintain Appropriate Setbacks
5	GWDB	1972	420	Unused	FITZHUGH Rd	AUSTIN	TX	Lesco Corp	-98.008889	30.241945	Maintain Appropriate Setbacks
6	GWDB	1998	670	Domestic	12221 TRIPLE CREEK Dr	DRIPPING SPRINGS	TX	Radu Boghici	-98.039279	30.245506	Maintain Appropriate Setbacks
7	GWDB				10600 CRUMLEY RANCH Rd	AUSTIN	TX	Puryear Ranch Spring	-98.0264167	30.2623361	Maintain Appropriate Setbacks
8	SDRW WELLS	2006-04-06		Domestic	14735 FITZHUGH Rd	AUSTIN	TX	BUJAN-HALL CUSTOM HOMES	-98.02186277	30.24318453	Maintain Appropriate Setbacks
9	SDRW WELLS	2005-10-03		Domestic	15000 FITZHUGH	AUSTIN	TX	Christi Bacot	-98.02471127	30.24410444	Maintain Appropriate Setbacks
10	SDRW WELLS	2021-07-16		Domestic	15100 FITZHUGH Rd	AUSTIN	TX	Jason Neyland	-98.02637163	30.24396636	Maintain Appropriate Setbacks
11	SDRW WELLS	2009-11-24		Domestic	11607 CRUMLEY RANCH Rd		TX	FITZHUGH BAPTISH CHURCH	-98.02815212	30.2475556	Maintain Appropriate Setbacks
12	SDRW WELLS	2002-11-20		Domestic	FITZHUGH Rd		TX	GEORGE LOGSDON	-98.02887137	30.24542098	Maintain Appropriate Setbacks
13	SDRW WELLS	2007-04-05		Domestic	14625 FITZHUGH Rd	AUSTIN	TX	RICHARD BISCHOFF	-98.01946487	30.24150227	Maintain Appropriate Setbacks
14	SDRW WELLS	2014-03-14		Domestic	15310 FITZHUGH Rd	DRIPPING SPRINGS	TX	Fitzhugh Corners POA	-98.02941007	30.24650366	Maintain Appropriate Setbacks
15	SDRW WELLS	2012-09-26		Domestic	12225 TRAUTWEIN Rd	AUSTIN	TX	Nick Burkhalter	-98.02620534	30.24125992	Maintain Appropriate Setbacks
16	SDRW WELLS	2012-06-15		Domestic	11924 FITZHUGH Cors	DRIPPING SPRINGS	TX	Fitzhugh Corners P.O.A	-98.03111349	30.24699334	Maintain Appropriate Setbacks
17	SDRW WELLS	2014-12-08		Domestic	11914 FITZHUGH Cors	DRIPPING SPRINGS	TX	FITZHUGH CORNERS	-98.0313732	30.2482141	Maintain Appropriate Setbacks
18	SDRW WELLS	2011-09-02		Domestic	12101 FITZHUGH Pl	DRIPPING SPRINGS	TX	Tim Jennings	-98.03067112	30.24259616	Maintain Appropriate Setbacks
19	SDRW WELLS	2019-06-27		Domestic	460 HANNAH Dr	DRIPPING SPRINGS	TX	Mike McDonald	-98.03238735	30.25047026	Maintain Appropriate Setbacks
20	SDRW WELLS	2012-07-25		Domestic	FITZHUGH Rd	AUSTIN	TX	Joe Terry	-98.01444434	30.24047719	Maintain Appropriate Setbacks
21	SDRW WELLS	2018-06-05		Domestic	15435 FITZHUGH Rd	DRIPPING SPRINGS	TX	DUBB SMITH	-98.03419318	30.24524858	Maintain Appropriate Setbacks
22	SDRW WELLS	2005-01-18		Domestic	213 HANNAH Dr	DRIPPING SPRINGS	TX	GREG JUNG	-98.03391602	30.247826	Maintain Appropriate Setbacks
23	SDRW WELLS	2011-10-19		Stock	14415 FITZHUGH Rd	AUSTIN	TX	Joe Terry	-98.015834	30.238334	Maintain Appropriate Setbacks
24	SDRW WELLS	2005-06-07		Domestic	321 HANNAH Dr	DRIPPING SPRINGS	TX	CODY WILLIAMS	-98.03375224	30.2491983	Maintain Appropriate Setbacks
25	SDRW WELLS	2006-04-12		Domestic	12241 FITZHUGH Pl	DRIPPING SPRINGS	TX	GLEN & LINDA WEICHERT	-98.02935149	30.23908725	Maintain Appropriate Setbacks
26	SDRW WELLS	2008-08-25		Domestic	12250 TRAUTWEIN Rd	AUSTIN	TX	CARTER KING	-98.0276549	30.2382884	Maintain Appropriate Setbacks
27	SDRW WELLS	2007-11-29		Domestic	493 FRONTERA RANCH Curv	DRIPPING SPRINGS	TX	DUMAS HOME BUILDING	-98.03206146	30.25323382	Maintain Appropriate Setbacks
28	SDRW WELLS	2004-06-23		Domestic	15425 FITZHUGH Rd	DRIPPING SPRINGS	TX	R.G. KEEN	-98.03466301	30.24272599	Maintain Appropriate Setbacks
29	SDRW WELLS	2019-02-25		Domestic	418 FRONTERA RANCH Curv		TX	Jarrod and Kelli Murdock	-98.03362215	30.25241136	Maintain Appropriate Setbacks
30	SDRW WELLS	2009-03-10		Domestic	465 FRONTERA RANCH Curv	DRIPPING SPRINGS	TX	Stock Lending Supply	-98.03306863	30.25317474	Maintain Appropriate Setbacks
31	SDRW WELLS	2009-10-20		Domestic	364 FRONTERA RANCH Curv	DRIPPING SPRINGS	TX	Reliance Custom Home	-98.03442547	30.2525133	Maintain Appropriate Setbacks
32	SDRW WELLS	2018-05-09		Domestic	11355-B BONHAM RANCH Rd	DRIPPING SPRINGS	TX	WEBB EVANS	-98.03257114	30.25445381	Maintain Appropriate Setbacks
33	SDRW WELLS	2004-06-18		Domestic	12099 BONHAM RANCH Rd	DRIPPING SPRINGS	TX	Dale Moore	-98.03617196	30.24778607	Maintain Appropriate Setbacks
34	SDRW WELLS	2004-11-04		Domestic	306 FRONTERA RANCH Curv	DRIPPING SPRINGS	TX	WALT GRANER	-98.03528244	30.25194102	Maintain Appropriate Setbacks
35	SDRW WELLS	2016-04-25		Domestic	FITZHUGH Rd	AUSTIN	TX	Jim Spry	-98.01044283	30.24072123	Maintain Appropriate Setbacks
36	SDRW WELLS	2016-07-27		Domestic	15601 FITZHUGH Rd	DRIPPING SPRINGS	TX	PAT SARGENT	-98.03710301	30.24614459	Maintain Appropriate Setbacks
37	SDRW WELLS	2006-01-13		Domestic	12319 TRIPLE CREEK Dr	DRIPPING SPRINGS	TX	STEVE BEARD	-98.03718106	30.24445151	Maintain Appropriate Setbacks
38	SDRW WELLS	2004-11-06		Domestic	381 FRONTERA RANCH Rd	DRIPPING SPRINGS	TX	WALT GRANER	-98.0347316	30.25388371	Maintain Appropriate Setbacks
39	SDRW WELLS	2005-04-18		Domestic	12027 BONHAM RANCH Rd	DRIPPING SPRINGS	TX	MARCELINO ACOSTA	-98.0370542	30.24904252	Maintain Appropriate Setbacks
40	SDRW WELLS	2006-05-10		Domestic	12720 PAUL'S VALLEY Rd		TX	Ali Arabzadegan	-98.01751207	30.23411097	Maintain Appropriate Setbacks
41	SDRW WELLS	2007-05-04		Domestic	12155 BONHAM RANCH Rd	DRIPPING SPRINGS	TX	CSME DEVELOPMENT	-98.03760271	30.24711426	Maintain Appropriate Setbacks
42	SDRW WELLS	2016-05-24		Domestic	12417 TRIPLE CREEK Dr	DRIPPING SPRINGS	TX	MIKE CULLENDER/ENDRES JOB	-98.03627764	30.2402147	Maintain Appropriate Setbacks
43	SDRW WELLS	2022-03-29		Domestic	12288 TRAUTWEIN Rd	AUSTIN	TX	Sean Murphy	-98.02607644	30.23387558	Maintain Appropriate Setbacks
44	SDRW WELLS	2020-03-25		Domestic	FITZHUGH Rd	AUSTIN	TX	Jim Spry	-98.01119595	30.23755278	Maintain Appropriate Setbacks
45	SDRW WELLS	2014-08-20		Domestic	FITZHUGH Rd	AUSTIN	TX	Joe Terry	-98.01119595	30.23755278	Maintain Appropriate Setbacks
46	SDRW WELLS	2022-03-30		Domestic	12290 TRAUTWEIN Rd	AUSTIN	TX	Sean Murphy	-98.02463341	30.23325452	Maintain Appropriate Setbacks
47	SDRW WELLS	2010-08-07		Domestic	262 FRONTERA RANCH Curv	DRIPPING SPRINGS	TX	Reliance Custom Homes	-98.0367496	30.25274731	Maintain Appropriate Setbacks
48	SDRW WELLS	2020-03-26		Domestic	12400 PAUL'S VALLEY Rd		TX	Jim Spry	-98.01228472	30.23616016	Maintain Appropriate Setbacks
49	SDRW WELLS	2000-05-29		Domestic	12225 TRIPLE CREEK Cir	DRIPPING SPRINGS	TX	GARY LAFAYETTE	-98.03874478	30.24526018	Maintain Appropriate Setbacks
50	SDRW WELLS	2013-08-15		Domestic			TX	Joe Terry	-98.0098504	30.2378712	Maintain Appropriate Setbacks
51	SDRW WELLS	2005-05-10		Domestic	12500 TRIPLE CREEK Dr	DRIPPING SPRINGS	TX	RIENZI CUSTOM HOMES	-98.03698807	30.23907051	Maintain Appropriate Setbacks
52	SDRW WELLS	2005-01-11		Domestic	12414 TRIPLE CREEK Dr	DRIPPING SPRINGS	TX	JACK DABNEY HOMES	-98.03743063	30.23945054	Maintain Appropriate Setbacks
53	SDRW WELLS	2006-06-23		Domestic	12410 TRIPLE CREEK Dr	DRIPPING SPRINGS	TX	RIENZI CUSTOM HOMES	-98.0378183	30.23986268	Maintain Appropriate Setbacks
54	SDRW WELLS	2014-01-22		Domestic	15800 FITZHUGH Rd	DRIPPING SPRINGS	TX	David Embry	-98.03928197	30.24824157	Maintain Appropriate Setbacks

55	SDRW WELLS	2013-06-10		Domestic	12345 PAULS VALLEY Rd	AUSTIN	TX	Joe Terry	-98.01083653	30.23612301	Maintain Appropriate Setbacks
56	SDRW WELLS	2017-11-11		Irrigation	12215 TRIPLE CREEK Dr	DRIPPING SPRINGS	TX	CARA EUBANK	-98.03976604	30.24542364	Maintain Appropriate Setbacks
57	SDRW WELLS	2014-11-28		Domestic	11355 BONHAM RANCH Rd	DRIPPING SPRINGS	TX	Sam Caldwell	-98.03617711	30.25547605	Maintain Appropriate Setbacks
58	SDRW WELLS	2006-08-04		Domestic	11201 BONHAM RANCH Rd		TX	Jerry Swan	-98.03416008	30.25722062	Maintain Appropriate Setbacks
59	SDRW WELLS	2006-12-13		Domestic	11401 BONHAM RANCH Rd	DRIPPING SPRINGS	TX	Morgan, Frank	-98.037493	30.253994	Maintain Appropriate Setbacks
60	SDRW WELLS	2000-05-27		Domestic	12322 TRIPLE CREEK Dr	DRIPPING SPRINGS	TX	DABNEY HOMES	-98.03919634	30.24110345	Maintain Appropriate Setbacks
61	SDRW WELLS	2005-03-14		Domestic	12209 TRIPLE CREEK Cir	DRIPPING SPRINGS	TX	ERIC & CASEY FRIESENHAHN	-98.04032019	30.24542261	Maintain Appropriate Setbacks
62	SDRW WELLS	2004-08-11		Domestic	12201 TRIPLE CREEK Dr	DRIPPING SPRINGS	TX	Kevin Reed	-98.04117374	30.24546585	Maintain Appropriate Setbacks
63	SDRW WELLS	2006-08-27		Domestic	12208 TRIPLE CREEK Dr	DRIPPING SPRINGS	TX	JIM SHEPHARD	-98.04136501	30.24374356	Maintain Appropriate Setbacks
64	SDRW WELLS	2005-07-22		Domestic	11201 BONHAM RANCH Rd		TX	Jason Allen (Bujan-Hall)	-98.03103819	30.2604251	Maintain Appropriate Setbacks
65	SDRW WELLS	2016-11-22		Domestic	12460 PAUL'S VALLEY Rd		TX	Richard Bowden	-98.0118392	30.23269042	Maintain Appropriate Setbacks
66	SDRW WELLS	2022-04-08		Domestic	128 HUDSON Ln	DRIPPING SPRINGS	TX	Sarah & Spencer Whelan	-98.04193468	30.24960165	Maintain Appropriate Setbacks
67	SDRW WELLS	2011-06-21		Domestic	10418 CRUMLEY RANCH Rd	AUSTIN	TX	Randy Metzger	-98.02194674	30.26167004	Maintain Appropriate Setbacks
68	SDRW WELLS	2004-09-04		Domestic	200 HUDSON Ln	DRIPPING SPRINGS	TX	Jack Dabney Homes	-98.04207105	30.25094757	Maintain Appropriate Setbacks
69	TCEQ WELL LOGS	NOT REPORTED	300	NOT REPORTED	14820 FITZHUGH Rd	AUSTIN	TX		-98.02212126	30.24417431	Maintain Appropriate Setbacks
70	TCEQ WELL LOGS	NOT REPORTED	300	NOT REPORTED	14820 FITZHUGH Rd	AUSTIN	TX		-98.02212126	30.24417431	Maintain Appropriate Setbacks
71	TCEQ WELL LOGS	07/27/1986	500	DOMESTIC	11914 FITZHUGH Cors	DRIPPING SPRINGS	TX	FITZHUGH CORNERS	-98.0313732	30.2482141	Maintain Appropriate Setbacks
72	TCEQ WELL LOGS	06/03/1986	520	DOMESTIC	11914 FITZHUGH Cors	DRIPPING SPRINGS	TX	FITZHUGH CORNERS	-98.0313732	30.2482141	Maintain Appropriate Setbacks
73	TCEQ WELL LOGS	06/03/1986	560	DOMESTIC	11914 FITZHUGH Cors	DRIPPING SPRINGS	TX	FITZHUGH CORNERS	-98.0313732	30.2482141	Maintain Appropriate Setbacks
74	TCEQ WELL LOGS	11/01/1992	730	DOMESTIC	15435 FITZHUGH Rd	DRIPPING SPRINGS	TX	GLEN SARGENT	-98.03419318	30.24524858	Maintain Appropriate Setbacks
75	TCEQ WELL LOGS	11/05/1992	485	DOMESTIC	15435 FITZHUGH Rd	DRIPPING SPRINGS	TX	GLEN SARGENT	-98.03419318	30.24524858	Maintain Appropriate Setbacks
76	TCEQ WELL LOGS	06/23/1998	755	DOMESTIC	11400 CRUMLEY RANCH Rd		TX	CHRIS WAHLBERG	-98.028145	30.255019	Maintain Appropriate Setbacks
77	TCEQ WELL LOGS	08/19/1988	400	DOMESTIC	10900 CRUMLEY RANCH Rd	AUSTIN	TX	LUELLA GALBRAITH	-98.027288	30.25682	Maintain Appropriate Setbacks
78	TCEQ WELL LOGS	07/08/1999	630	DOMESTIC	12345 TRIPLE CREEK Cir	DRIPPING SPRINGS	TX	JOHN HALL	-98.036966	30.242335	Maintain Appropriate Setbacks
79	TCEQ WELL LOGS	03/03/2000	740	DOMESTIC	12338 TRIPLE CREEK Dr	DRIPPING SPRINGS	TX	HAROLD DAVIS	-98.038238	30.242856	Maintain Appropriate Setbacks
80	TCEQ WELL LOGS	06/01/90	587	DOMESTIC	12225 TRIPLE CREEK Cir	DRIPPING SPRINGS	TX	CARLTON TURNER	-98.038743	30.246124	Maintain Appropriate Setbacks
81	TCEQ WELL LOGS	10/05/2002	810	DOMESTIC	11201 BONHAM RANCH Rd		TX	DALE OLDENKAMP	-98.030152	30.258366	Maintain Appropriate Setbacks
82	TCEQ WELL LOGS	06/30/1998	670	DOMESTIC	12221 TRIPLE CREEK Dr	DRIPPING SPRINGS	TX	DAN MCKINNEY	-98.039279	30.245506	Maintain Appropriate Setbacks
83	TCEQ WELL LOGS	07/07/1997	640	DOMESTIC	12315 TRIPLE CREEK Dr	DRIPPING SPRINGS	TX	GLASS, DELBY/TED MASSINGILL	-98.038914	30.242457	Maintain Appropriate Setbacks
84	TCEQ WELL LOGS	09/16/1997	680	DOMESTIC	12414 TRIPLE CREEK Dr	DRIPPING SPRINGS	TX	DENNIS BOHLS	-98.03743063	30.23945054	Maintain Appropriate Setbacks
85	TCEQ WELL LOGS	12/05/1987	470	DOMESTIC	11401 BONHAM RANCH Rd	DRIPPING SPRINGS	TX	CHARLES D. CARPENTER	-98.037493	30.253994	Maintain Appropriate Setbacks
86	TCEQ WELL LOGS	06/21/1999	800	DOMESTIC	12000 BONHAM RANCH Rd	DRIPPING SPRINGS	TX	SHARON BENNET	-98.039238	30.250969	Maintain Appropriate Setbacks
87	TCEQ WELL LOGS	02/28/2000	800	DOMESTIC	12204 TRIPLE CREEK Dr	DRIPPING SPRINGS	TX	KIM & JEFF SESSIONS	-98.040194	30.244316	Maintain Appropriate Setbacks
88	TCEQ WELL LOGS	10/31/1997	700	DOMESTIC	12300 TRIPLE CREEK Dr	DRIPPING SPRINGS	TX	COUNTRY CUSTOM HOMES/SHELTON·	-98.040428	30.242312	Maintain Appropriate Setbacks
89	TCEQ WELL LOGS	06/18/2002	780	DOMESTIC	11398 BONHAM RANCH Rd	DRIPPING SPRINGS	TX	JERRY SWAN	-98.040476	30.254698	Maintain Appropriate Setbacks

STATE OF TEXAS PLUGGING REPORT for Tracking #211155

Owner:	**Dakota Smith**	Owner Well #:	**No Data**
Address:	**14820 Fitzhugh Road Austin, TX 78736**	Grid #:	**57-56-3**
Well Location:	**14820 Fitzhugh Road Austin, TX 78736**	Latitude:	**30° 14' 37.77" N**
		Longitude:	**098° 01' 20.11" W**
Well County:	**Hays**	Elevation:	**No Data**

Well Type: **Unknown**

Drilling Information

Company: **No Data** Date Drilled: **No Data**

Driller: **No Data** License Number: **No Data**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**6.25**	**0**	**300**

Plugging Information

Date Plugged: **8/19/2021** Plugger: **Frank Glass**

Plug Method: **Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet**

Casing Left in Well:

Dia (in.)	*Top (ft.)*	*Bottom (ft.)*
5	**1**	**20**

Plug(s) Placed in Well:

Top (ft.)	*Bottom (ft.)*	*Description (number of sacks & material)*
1	**300**	**30 cement, 15 Gel, 30 holeplug Bags/Sacks**

Certification Data: The driller certified that the driller plugged this well (or the well was plugged under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the reports(s) being returned for completion and resubmittal.

Company Information: **Associated Drilling Inc**

PO Box 673
Dripping Springs, TX 78620

Driller Name: **Frank Glass** License Number: **1313**

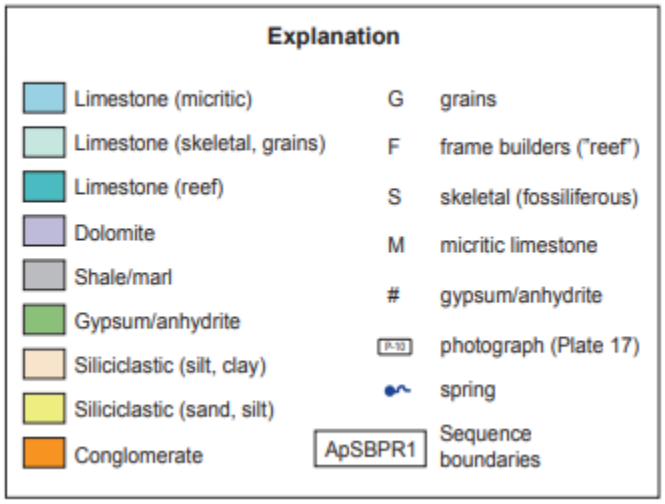
Comments: **more cement & gel & chips than required fractor.**

ROCKINGWALL TLAP
GROUNDWATER QUALITY REPORT

The Rockingwall Ranch project is located on Fitzhugh Road, east of Crumley Ranch and Trautwein Road intersection, east of the City of Dripping Springs in Hays County, Texas. The site overlies the Upper Glenrose (geologic) Formation (Kgru) and the Trinity Aquifer. The Trinity Aquifer is a major water source for Central Texas residents. The following information was obtained from the Hays Trinity Groundwater Conservation website[1] and discusses the geology, hydrogeology and chemical constituents within the groundwater.

The Upper Glenrose Formation is described as "Nodular, micritic limestone, argillaceous with skeletal clasts and interbedded marl, dolomite, and minor evaporite near the base[2]." The surface soils at the site consist of clays and some alluvial materials. See below for the Stratigraphic Column[3].

The water bearing formation beneath the site is the Trinity Aquifer. The Trinity Aquifer is the source for most of the wells in the vicinity of the site. Over 70 wells were identified within one mile of the property boundary. None were located within the setbacks required from wells to SADDS areas. Most groundwater levels range from approximately over 350 to over 600 feet below ground surface. In the Trinity Aquifer in the site vicinity and the saturated thickness is 100 to 200 feet. The gradient for the groundwater flow in the Trinity Aquifer in the site vicinity is generally good, with some instances of high total dissolved solids (TDS), greater than 1,000 mg/l.

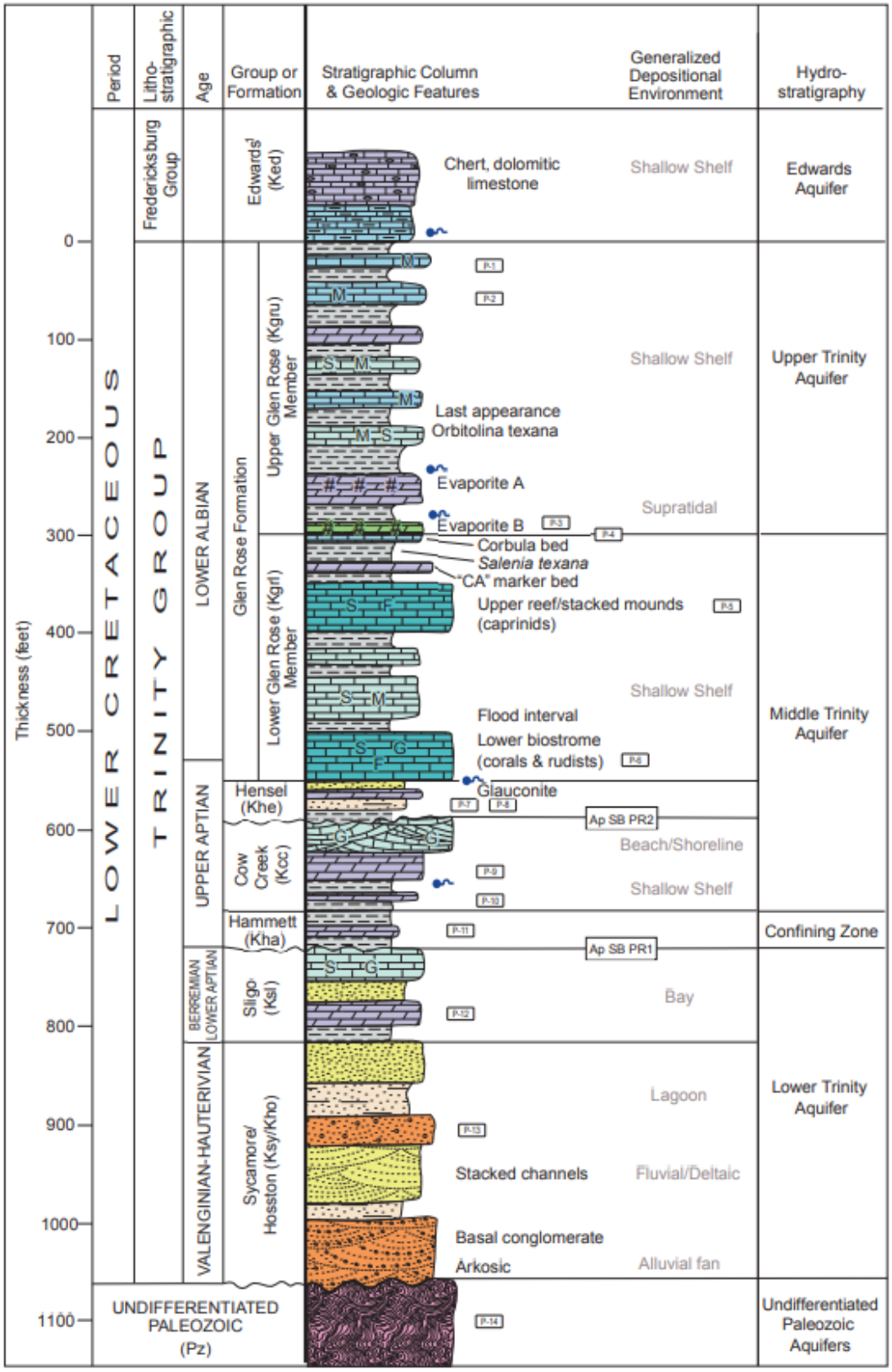


[1] Hays Trinity Groundwater Conservation, http://www.haysgroundwater.com, May 15, 2018

[2] Bureau of Economic Geology, 1974, Austin Sheet, Geologic Atlas of Texas, University of Texas

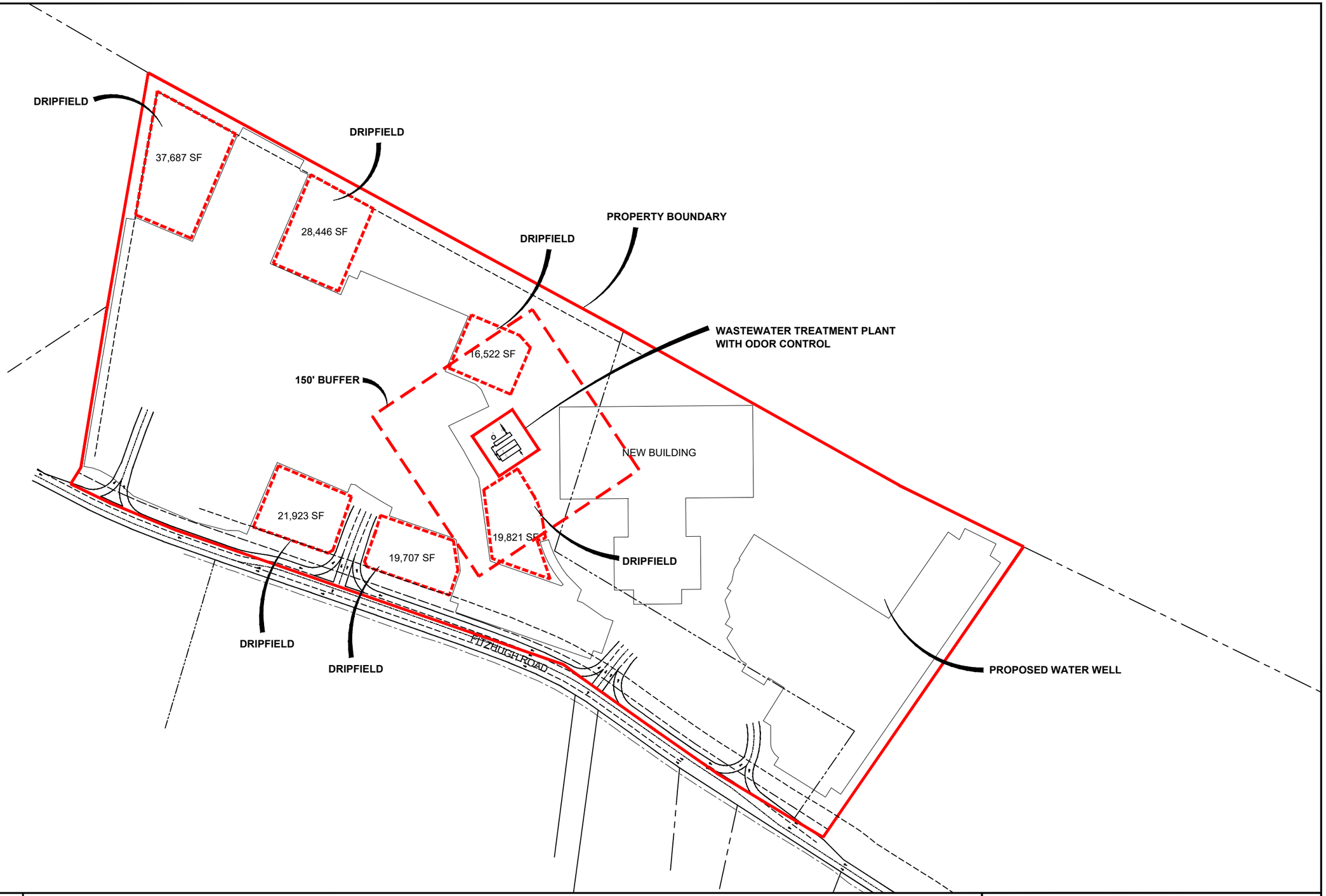
[3] Hydrogeologic atlas of the Hill Country Trinity Aquifer, Blanco, Hays and Travis Counties, Central Texas

2-1 Stratigraphic Column



There were no recharge feature identified at the site in the vicinity of the proposed effluent disposal areas, other than an old, manmade stock pond that no longer holds water. The former stockpond will be regraded during construction and the grading will prevent the area from holding stormwater runoff or having groundwater surface in this area. The clay soils underlying the site are sufficient to restrict the migration of the treated effluent from the surface soils to the water bearing formation of the Trinity Aquifer. The effluent will be stored in TCEQ approved steel storage tanks designed and constructed in accordance with TCEQ design requirements. Therefore, it is unlikely that the effluent, from either the dripfields or the storage tank will impact the groundwater quality in Trinity Aquifer.

ATTACHMENT 21
LYSIMETER MAP



wwdengineering
engineered wastewater solutions
F-12009

1" = 20'

ATTACHMENT-21
LYSIMETER MAP
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

APP000388

RcD
DRIPFIELD
37,687 SF
DRIPFIELD
28,446 SF
BtD
DRIPFIELD
PROPERTY BOUNDARY
TaD
BID
WASTEWATER TREATMENT PLANT
WITH ODOR CONTROL
16,522 SF
150' BUFFER
Fitzhugh Rd
NEW BUILDING
RcD
21,923 SF
19,707 SF
19,821 SF
DRIPFIELD
DoC
DRIPFIELD
DRIPFIELD
FITZHUGH ROAD
PROPOSED WATER WELL
RcD
DeB

wwdengineering
engineered wastewater solutions
F-12009

400 0 400 800 1200
1" = 200'

ATTACHMENT-22
SOILS MAP
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

APP000390

wwdengineering
F-12009
9217 Hwy. 290 West, Suite 110, Austin, Texas, 78736 ● 512.288.2111 ● F: 512.610.6950 ● www.wwdengineering.net

November 15, 2021

Texas A & M
Soil, Water & Forage Testing Laboratory
2478 TAMU
College Station, Texas 77843-2478

Re: Soil Sample Testing
Rockingwall Development
TLAP Application
Hays County, Texas

Dear Sir or Madam:

Provide analyses of the enclosed soil samples for:

- pH
- conductivity
- sodium adsorption ratio (SAR) and its constituent parameters (Na, Ca and Mg reported in mg/L),
- total nitrogen
- nitrate-nitrogen
- potassium
- phosphorous
- calcium
- magnesium
- sulphur
- sodium

Plant available nutrients (potassium, phosphorous, calcium, magnesium, sulphur, and sodium) can be obtained from a Mehlich III soil extract. The nutrient parameters should be analyzed on a plant-available basis. All results shall be reported in mg/kg dry weight basis (parts per million). When reporting the results, include all information concerning fertilizer recommendations.

Provide the above analysis for these three samples.

- Rocking Comp1 is a composite sample obtained in the 0”-6” Range from test pits 1-5
- Rocking Comp2 is a composite sample obtained in the 6”-18” Range from test pits 1-5
- Rocking Comp3 is a composite sample obtained in the 18”-30” Range from test pits 1-5

Arrow Samp 1 and 2 need to be sampled for routine analysis and textural analysis.

- Rocking Samp 1 is from test pit #3 @ 12”
- Rocking Samp 2 is from test pit #2 @ 12”

If you have any questions about the analysis please contact Greg Gullett or Erin Banks at 512-288-2111. Please send results in hard copy and e-mail format to erin.banks@wwdengineering.net.

Sincerely,
WWD Engineering

Erin Banks

Erin Banks, P.E.
President

TEXAS A&M AGRILIFE EXTENSION

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Erin Banks / WWD Engineering
Rockinwall TLAP
9217 Hwy 290 W. Ste. 110
AUSTIN, TX 78736

Sample received on: 11/16/2021
Printed on: 11/29/2021
Area Represented: 4 acres

Hays County

Laboratory Number: 593961
Customer Sample ID: Comp 1
Crop Grown: IMPROVED AND HYBRID BERMUDA GRASS (3 HAY CUTTINGS-2 TONS/A AVG.)

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.9**	(5.8)	-	**Mod. Alkaline**							
Conductivity	**131**	(-)	umho/cm	**None**				CL*			**Fertilizer Recommended**
Nitrate-N	**4**	(-)	ppm**	III							**90** lbs N/acre
Phosphorus	**12**	(50)	ppm	IIIIIIIIIIIIIIIIIIIII							**90** lbs P2O5/acre
Potassium	**372**	(150)	ppm	IIIIIIIIIIIIIIIIIII

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Erin Banks / WWD Engineering
Rockinwall TLAP
9217 Hwy 290 W. Ste. 110
AUSTIN, TX 78736

Sample received on: 11/16/2021
Printed on: 11/29/2021
Area Represented: 4 acres

Hays County

Laboratory Number: 593962
Customer Sample ID: Comp 2
Crop Grown: IMPROVED AND HYBRID BERMUDA GRASS (3 HAY CUTTINGS-2 TONS/A AVG.)

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.3**	(5.8)	-	**Mod. Alkaline**						
Conductivity	**108**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**0**	(-)	ppm**							**95** lbs N/acre
Phosphorus	**0**	(50)	ppm							**120** lbs P2O5/acre
Potassium	**131**	(150)	ppm							**30** lbs K20/acre
Calcium	**36,326**	(180)	ppm							**0** lbs Ca/acre
Magnesium	**131**	(50)	ppm							**0** lbs Mg/acre
Sulfur	**17**	(13)	ppm							**0** lbs S/acre
Sodium	**12**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** tons 100ECCE/acre

Detailed Salinity Test (Saturated Paste Extract)			
pH	**7.4**		
Conductivity	**0.29**	mmhos/cm	
Sodium	**24**	ppm	**1.036** meq/L
Potassium	**6**	ppm	**0.149** meq/L
Calcium	**62**	ppm	**3.109** meq/L
Magnesium	**2**	ppm	**0.165** meq/L
SAR	**0.81**		
SSP	**23.24**		

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 100 lbs/A of nitrogen for each subsequent hay cuttings.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer. 2.19j

APP000395

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Erin Banks / WWD Engineering
Rockinwall TLAP
9217 Hwy 290 W. Ste. 110
AUSTIN, TX 78736

Sample received on: 11/16/2021
Printed on: 11/29/2021
Area Represented: 4 acres

Hays County

Laboratory Number: 593963
Customer Sample ID: Comp 3
Crop Grown: IMPROVED AND HYBRID BERMUDA GRASS (3 HAY CUTTINGS-2 TONS/A AVG.)

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.1**	(5.8)	-	**Mod. Alkaline**						
Conductivity	**119**	(-)	umho/cm	**None**						**Fertilizer Recommended**
Nitrate-N	**1**	(-)	ppm**				CL*			**95** lbs N/acre
Phosphorus	**0**	(50)	ppm							**120** lbs P2O5/acre
Potassium	**147**	(150)	ppm							**5** lbs K20/acre
Calcium	**35,164**	(180)	ppm							**0** lbs Ca/acre
Magnesium	**129**	(50)	ppm							**0** lbs Mg/acre
Sulfur	**12**	(13)	ppm							**5** lbs S/acre
Sodium	**12**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** tons 100ECCE/acre

Detailed Salinity Test (Saturated Paste Extract)			
pH	**7.4**		
Conductivity	**0.23**	mmhos/cm	
Sodium	**19**	ppm	**0.848** meq/L
Potassium	**4**	ppm	**0.104** meq/L
Calcium	**47**	ppm	**2.354** meq/L
Magnesium	**2**	ppm	**0.164** meq/L
SAR	**0.76**		
SSP	**24.43**		

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 100 lbs/A of nitrogen for each subsequent hay cuttings.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer. 2.19j

APP000396

TEXAS A&M AGRILIFE EXTENSION

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Erin Banks / WWD Engineering
Rockinwall TLAP
9217 Hwy 290 W. Ste. 110
AUSTIN, TX 78736

Sample received on: 11/16/2021
Printed on: 11/29/2021
Area Represented: 4 acres

Hays County

Laboratory Number: 593964
Customer Sample ID: Samp 1
Crop Grown: IMPROVED AND HYBRID BERMUDA GRASS (3 HAY CUTTINGS-2 TONS/A AVG.)

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.6**	(5.8)	-	**Mod. Alkaline**							
Conductivity	**121**	(-)	umho/cm	**None**			CL*				**Fertilizer Recommended**
Nitrate-N	**3**	(-)	ppm**	II							**90** lbs N/acre
Phosphorus	**1**	(50)	ppm	II							**120** lbs P2O5/acre
Potassium	**415**	(150)	ppm								**0** lbs K20/acre
Calcium	**11,574**	(180)	ppm								**0** lbs Ca/acre
Magnesium	**228**	(50)	ppm								**0** lbs Mg/acre
Sulfur	**6**	(13)	ppm								**10** lbs S/acre
Sodium	**18**	(-)	ppm	III							
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement											**0.00** tons 100ECCE/acre

Textural Analysis Test (hydrometer)		
Sand	**30**	%
Silt	**30**	%
Clay	**40**	%
Textural Class:	**Clay**	

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 100 lbs/A of nitrogen for each subsequent hay cuttings.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer. 2.19j

APP000397

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
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Report generated for:
Erin Banks / WWD Engineering
Rockinwall TLAP
9217 Hwy 290 W. Ste. 110
AUSTIN, TX 78736

Sample received on: 11/16/2021
Printed on: 11/29/2021
Area Represented: 4 acres

Hays County
Laboratory Number: 593965
Customer Sample ID: Samp 2
Crop Grown: IMPROVED AND HYBRID BERMUDA GRASS (3 HAY CUTTINGS-2 TONS/A AVG.)

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.3**	(5.8)	-	**Mod. Alkaline**							
Conductivity	**94**	(-)	umho/cm	**None**			CL*				**Fertilizer Recommended**
Nitrate-N	**3**	(-)	ppm**								**90** lbs N/acre
Phosphorus	**0**	(50)	ppm								**120** lbs P2O5/acre
Potassium	**113**	(150)	ppm								**60** lbs K20/acre
Calcium	**36,657**	(180)	ppm								**0** lbs Ca/acre
Magnesium	**106**	(50)	ppm								**0** lbs Mg/acre
Sulfur	**13**	(13)	ppm								**0** lbs S/acre
Sodium	**8**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement											**0.00** tons 100ECCE/acre

Textural Analysis Test (hydrometer)		
Sand	**74**	%
Silt	**8**	%
Clay	**18**	%
Textural Class:	**Sandy Loam**	

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 100 lbs/A of nitrogen for each subsequent hay cuttings.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer. 2.19j
APP000398

ATTACHMENT 24
RECHARGE FEATURE PLAN

Rockingwall Ranch

Recharge Feature Plan, Rev. 1

INTRODUCTION

This Recharge Feature Plan and attachments have been prepared to incorporate information required by the Texas Commission on Environmental Quality (TCEQ) in support of permitting additional Subsurface Area Drip Dispersal System (SADDS). The assessment included review of published geologic data in the vicinity of the site, analysis of high-resolution aerial photographs of the site, and walking and driving across the property in order to identify and observe recharge features as well as other potentially critical environmental features (CEFs). Subsequently, in support of the SADDS permitting additional data sources were reviewed. Databases reviewed include:

- Submitted Drillers Report Database
- TCEQ Water Well Database
- Texas Water Development Board Groundwater Database
- Water Utility Database
- Railroad Commission of Texas
- Natural Resources Conservation Service
- Hays Trinity Groundwater Conservation District

SITE DESCRIPTION AND GEOLOGY

The site is located in Hays County on the north side of Fitzhugh Road, east of the intersection of Crumley Ranch and Trautwein Roads. The site address is 14820 Fitzhugh Road, Dripping Springs, Hays County, Texas. The SADDS will be constructed in one Phase. The site is located within the Edwards Aquifer Contributing Zone. The site overlies the Trinity Aquifer. Most wells located in the site vicinity are likely completed in the Trinity Aquifer.

According to the Geologic Atlas of Texas, Austin Sheet, this site is located on the Upper Glen Rose (Kgr(u)) formation. The official description of the Glen Rose is:

> "Glen Rose Limestone, Kgr, limestone, dolomite, and marl in alternating resistant and recessive beds forming stairstep topography; limestone, aphanitic to fine-grained, hard to soft and marly, light-gray to yellowish-gray; dolomite, fine-grained, porous, yellowish-brown; marine megafossils include molluscan steinkerns, rudistids, oysters, and echinoids; upper part relatively thinner bedded, more dolomitic and less fossiliferous than lower part, thickness about 220 feet; lower part more massive and about 160 feet thick, includes at top Corbula Bed, C, with abundant steinkerns of Corbula harveyi (Hill) in an interval up to 5 feet thick; thickness of Glen Rose in eastern area 380+/- feet, feathers out toward Llano Uplift[1]."

[1] Bureau of Economic Geology, 1974, Austin Sheet, Geologic Atlas of Texas, University of Texas

We researched the site and surrounding area to identify recharge features such as caves, sinkholes, faults, fractures, or other permeable features that could potentially serve as recharge features. Our findings indicated that no such features were present, other than on old manmade stock tank that no longer held water. During the construction process, this stock tank will be regraded and will not be capable of retaining water as a tank or feature. If any additional features are encountered during future field investigations or during construction we will ensure that the appropriate setbacks are maintained.

The drainage from the site and surrounding areas flows generally from south to north towards Barton Creek.

There were no wells mapped on the subject tract in a review of the public databases, however, during some site brush clearing, a well was discovered and was subsequently plugged (see attached plugging report) and during a subsequent site visit, it was noted that a possible hand dug well, that may be considered a recharge feature was located in thew southern portion of the tract, not within any proposed SADDS areas. These were not identified in the well searches, so they are not included in the well report, however, we have attached the updated well list and map. The owner will have the unplugged feature evaluated and it will be properly plugged, by a licensed well driller in accordance with State law, if necessary. During our well database search, several wells were located within the site vicinity (within ½ mile of the site). All of the area wells are greater than 150' from the SADDS site if they are not public water supply wells and greater than 500' from the SADDS site if they are public water supply wells.

GROUNDWATER

The water bearing formations beneath the site are within the Trinity Aquifer. Based upon a review of the wells in the site vicinity the water wells appear to be used for domestic purposes or irrigation. Driller's logs in the area indicate that that water levels in the area range from over 350' below ground surface (bgs) to over 600' bgs. Access to measure current water levels in the existing private wells was not possible. The driller's reports for the on-site and one mile radius off-site water wells are provided at the end of this report. Based upon data from other area groundwater districts the groundwater gradient appears to flow from west to east in the site vicinity.

PREVENTATIVE MEASURES

Buffer zones from the SADDS will be maintained in order to prevent impacts to potential recharge features, existing and future water wells (although there are no wells currently on the property that have not been properly plugged, other than the possible hand dug well and the future water well planned to be constructed on the site will maintain the appropriate setbacks), CEFs, creekbeds, and other drainageways. CEFs were considered to be karst features, bluffs, canyon rim rocks, caves, sinkholes, springs, and wetlands. Appropriate buffer zones (i.e. setbacks) as defined in §222.81(a) are met under the existing site conditions, including the proposed SADDS. These setbacks include a minimum 150 feet to existing on-site and off-site private water wells. The setback will be a minimum of 500 feet to existing on-site and off-site

public water supply wells. There are also setbacks from creeks as prescribed in Chapter 222. The appropriate setback from any surface waters will be maintained.



Erin K Banks
1/23/23

ATTACHMENT 25
SOIL EVALUATION

ROCKINGWALL RANCH

Soil Evaluation

INTRODUCTION

This site is located east of Dripping Springs, Hays County, Texas. The development is located on the north side of Fitzhugh Road, at 14820 Fitzhugh Road. The proposed wastewater facility and SADDS disposal areas will serve a proposed event venue. There are no currently permitted wastewater facilities nearby with the capacity to serve the development.

The owners propose to install a single phase wastewater treatment plant with subsurface drip irrigation disposal. The treated effluent irrigation system will utilize a drip irrigation management system to allow for accurate control of the surface drip treated effluent irrigation system. The subsurface drip irrigation system utilizes drip tubing that is embedded with compensating drip emitters to ensure accurate and uniform dosing of the irrigation sites. The tubing will be buried 6" – 8" below the surface of the ground.

A site investigation was performed to obtain information that would assist in the design of the drip irrigation system. This report will summarize these results and will be utilized to assist in the development of the future drip fields to be used for treated effluent application.

Management Plan

The proposal for the treated effluent application areas is to utilize Bermuda grass and Winter Rye for establishing a cover crop. Herbaceous vegetation will be used to vegetate the areas where soils will be imported and areas where clearing will occur.

In developing the irrigation areas, upslope surface drainage will be diverted to prevent run-on onto the treated effluent application areas. Areas where drainage appears to be concentrated, and active, should be buffered from application of treated effluent.

Where soils are not sufficient, a suitable material will need to be imported to ensure that there is at least one foot of rootable material beneath the dripper lines. This will ensure that there is sufficient rooting depth to allow for the growth of herbaceous vegetation that will utilize the treated effluent.

All areas will be seeded with high performance turf grass vegetation and will include warm season and cool season vegetation. This will help ensure that there is a viable cover crop growing at all times to uptake the water and nutrients associated with the treated effluent. Most species can and will utilize N levels much greater than 100-150 lbs of N/acre/yr. These areas will be mowed to ensure that the vegetation continues to exhibit vigorous growth habits and to maximize the uptake potentials and to ensure that a standing crop does not interfere with the establishment of the following seasons' vegetation emergence.

Site Details

Geology

According to the Geologic Atlas of Texas, Austin Sheet, this site is located on the Upper Glen Rose (Kgr(u)) formation. The official description of the Glen Rose is:

> "Glen Rose Limestone, Kgr, limestone, dolomite, and marl subdivided into two units by a Corbula bed; alternating resistant and recessive beds forming stairstep topography; limestone, aphanitic to fine-grained, hard to soft and marly, light-gray to yellowish-gray; dolomite, fine-grained, porous, yellowish-brown; marine megafossils include molluscan steinkerns, rudistids, oysters, and echinoids; upper part relatively thinner bedded, more dolomitic and less fossiliferous than lower part, thickness about 220 feet; lower part more massive and about 160 feet thick, includes at top Corbula Bed, C, with abundant steinkerns of Corbula harveyi (Hill) in an interval up to 5 feet thick; thickness of Glen Rose 380+/- feet[5]."

USDA-Soil Survey

A soils map is located in the Appendix of this document. According to the results of the site investigation and visual observations, the soils at this site consists of clays, silty clays, and clay loams.

Climate

According to the USDA-SCS Soil Survey for Hays County, Texas, the climate in Hays County is humid subtropical and is characterized by hot summers and relatively mild winters. Temperature and rainfall are the climatic factors that have the greatest influence on the formation of soils in this area. The pattern of rainfall consists of interspersed wet and dry periods.

Vegetation

Vegetation within the areas to be utilized for the initial phases of the project will be planted to improved turf grasses. These areas will be mowed and managed to ensure that the vegetation is actively growing at all times.

Soils

According to the Soil Survey, soils of the treated effluent application site consist of the following soils:

- BtD Brackett-Rock outceop-Comfort complex, and
- DoC Doss Silty Clay complex

Details regarding these soils are presented in the soils report in the Appendix.

[5] Bureau of Economic Geology, 1974, Austin Sheet, Geologic Atlas of Texas, University of Texas

Test Hole Selection

Erin Banks, P.E. selected four representative sites within the areas proposed for the wastewater treatment and disposal areas and representing all of the soil types mapped on the USDA soil survey.

It is virtually impossible to try and establish a sampling regime that will sufficiently allow for coverage of inclusional features within the application areas. However, if any of these features are discovered at the time of construction, these areas will be noted and sufficiently evaluated to determine their relevance to the construction and ultimate performance of the treated effluent application sites. The soil descriptions will be followed by pictures for each hole.

Test Hole #1

Vegetation Characteristics

The <5% woody vegetation of this site consisted of approximately large oak and small oak with 5% canopy cover. There was 95% herbaceous plant growth in the immediate area of this hole. Surficial stoniness was estimated at <10%. The litter layer coverage was estimated at 0%. Slope of this area was 2-4%.

Soil Characteristics

Total soil depth was 30 inches where refusal was achieved. The profile consisted of two horizons. The primary rooting depth in the hole was 8 inches.

Depth of the 1st horizon was 8 inches. The 1st horizon consisted of a silty clay loam material. The 1st horizon consisted of a material that was coarse in texture and structure. The material in the 1st horizon was a dark brown color. There was no mottling evident in the 1st horizon. The 1st horizon consisted of <10% limestone fragments.

Depth of the 2nd horizon was 30 inches. The 2nd horizon consisted of a caliche material. The 2nd horizon consisted of a material that was blocky in texture and structure. The material in the 2nd horizon was tan grey in color. There was no mottling evident in the 2nd horizon. The 2nd horizon consisted of 15% limestone fragments.

The boundary between the 1st horizon and the 2nd horizon was level. The boundary between the 2nd horizon and the restrictive horizon was level. In this hole no potential water bearing zones were encountered. In this hole no active water bearing zones were encountered.

TEST HOLE #1





Test Hole #2

Vegetation Characteristics

The <5% woody vegetation of this site consisted of approximately large oak and small oak, with <5% canopy cover. There was 95% herbaceous plant growth in the immediate area of this hole. Surficial stoniness was estimated at <10%. The litter layer coverage was estimated at 0%. Slope of this area was 2-4%.

Soil Characteristics

Total soil depth was 30 inches where excavation was stopped. The profile consisted of two horizons. The primary rooting depth in the hole was 8 inches.

Depth of the 1st horizon was 8" inches. The 1st horizon consisted of a silty clay loam material. The 1st horizon consisted of a material that was coarse in texture and structure. The material in the 1st horizon was dark brown color. There was no mottling evident in the 1st horizon. The 1st horizon consisted of <10% limestone fragments.

Depth of the 2nd horizon was 30 inches. The 2nd horizon consisted of a caliche material. The 2nd horizon consisted of a material that was blocky in texture and structure. The material in the 2nd horizon was tan grey in color. There was no mottling evident in the 2nd horizon. The 2nd horizon consisted of 15% limestone fragments.

The boundary between the 1st horizon and the 2nd horizon was level. No restrictive horizon was reached. In this hole no potential water bearing zones were encountered. In this hole no active water bearing zones were encountered.

TEST HOLE #2





Test Hole #3

Vegetation Characteristics

The <5% woody vegetation of this site consisted of large oak and small oak with 5% canopy cover. There was 95% herbaceous plant growth in the immediate area of this hole. Surficial stoniness was estimated at <10%. The litter layer coverage was estimated at 0%. Slope of this area was 2-4%.

Soil Characteristics

Total soil depth was 30 inches where refusal was achieved. The profile consisted of two horizons. The primary rooting depth in the hole was 3 inches.

Depth of the 1st horizon was 30" inches. The 1st horizon consisted of a silty clay loam material. The 1st horizon consisted of a material that was coarse in texture and structure. The material in the 1st horizon was dark brown color. There was no mottling evident in the 1st horizon. The 1st horizon consisted of <10% limestone fragments.

Depth of the 2nd horizon was 60 inches. The 2nd horizon consisted of a gravely clay loam material. The 2nd horizon consisted of a material that was blocky in texture and structure. The material in the 2nd horizon was tan grey in color. There was no mottling evident in the 2nd horizon. The 2nd horizon consisted of 20% limestone fragments with some larger rocks.

The boundary between the 1st horizon and the 2nd horizon was level. The boundary between the 2nd horizon and the restrictive horizon was level. In this hole no potential water bearing zones were encountered. In this hole no active water bearing zones were encountered.

TEST HOLE #3



Test Hole #4

Vegetation Characteristics

The 25% woody vegetation of this site consisted of large oak and small oak with 25% canopy cover. There was 50% herbaceous plant growth in the immediate area of this hole. Surficial stoniness was estimated at <10%. The litter layer coverage was estimated at 0%. Slope of this area was 2-4%.

Soil Characteristics

Total soil depth was 30 inches where refusal was achieved. The profile consisted of two horizons. The primary rooting depth in the hole was 3 inches.

Depth of the 1st horizon was 3 inches. The 1st horizon consisted of a sitly clay loam material. The 1st horizon consisted of a material that was coarse in texture and structure. The material in the 1st horizon was a dark brown color. There was no mottling evident in the 1st horizon. The 1st horizon consisted of <10% limestone fragments.

Depth of the 2nd horizon was 30 inches. The 2nd horizon consisted of a caliche material. The 2nd horizon consisted of a material that was blocky in texture and structure. The material in the 2nd horizon was tan grey in color. There was no mottling evident in the 2nd horizon. The 2nd horizon consisted of 15% limestone fragments.

The boundary between the 1st horizon and the 2nd horizon was level. The boundary between the 2nd horizon and the restrictive horizon was level. In this hole no potential water bearing zones were encountered. In this hole no active water bearing zones were encountered.

TEST HOLE #4



Test Hole #5

Vegetation Characteristics

The 25% woody vegetation of this site consisted of large oak and small oak with 25% canopy cover. There was 50% herbaceous plant growth in the immediate area of this hole. Surficial stoniness was estimated at 10%. The litter layer coverage was estimated at 0%. Slope of this area was 2-4%.

Soil Characteristics

Total soil depth was 30 inches where refusal was achieved. The profile consisted of two horizons. The primary rooting depth in the hole was 4 inches.

Depth of the 1st horizon was 4 inches. The 1st horizon consisted of a silty clay material. The 1st horizon consisted of a material that was coarse in texture and structure. The material in the 1st horizon was a dark brown color. There was no mottling evident in the 1st horizon. The 1st horizon consisted of <10% limestone fragments.

Depth of the 2nd horizon was 30 inches. The 2nd horizon consisted of a caliche material. The 2nd horizon consisted of a material that was blocky in texture and structure. The material in the 2nd horizon was tan grey in color. There was no mottling evident in the 2nd horizon. The 2nd horizon consisted of 15% limestone fragments.

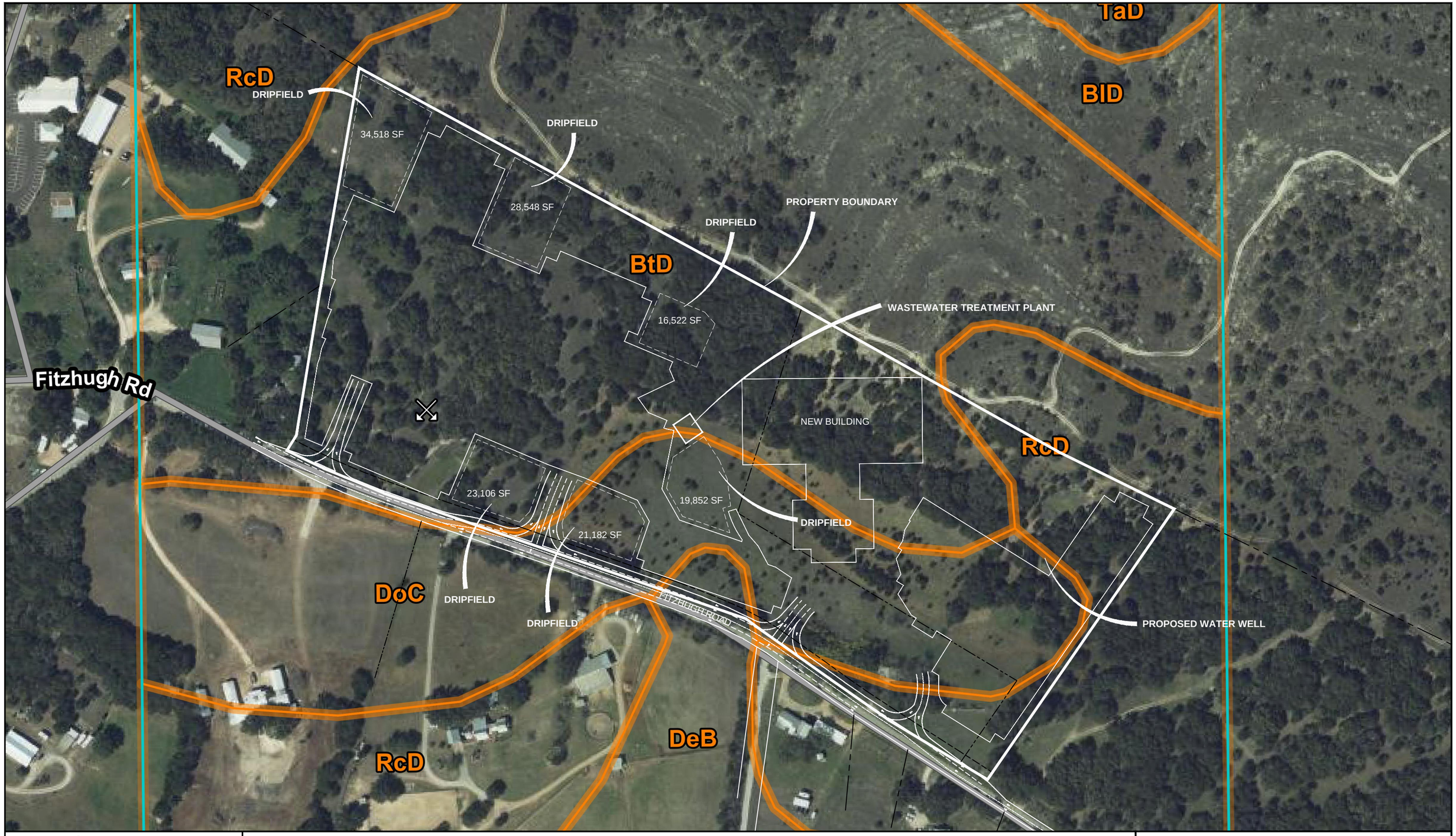
The boundary between the 1st horizon and the 2nd horizon was level. The boundary between the 2nd horizon and the restrictive horizon was level. In this hole no potential water bearing zones were encountered. In this hole no active water bearing zones were encountered.

TEST HOLE #5



Appendix I

USDA Soil Survey Map



wwdengineering
engineered wastewater solutions
F-12009
9217 Hwy 290 W., Ste 110
Austin, Texas 78736
(512) 288-2111

200 0 100 200 400

1" = 200'

SOILS MAP
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

APP000414

Appendix II

Profile Hole Information Sheets

Project: Rockingwall | Profile Hole #: 1 | County: Hays | Date: 11/14/2021

1 Total Depth of Profile hole	30"	
2 Primary Rooting Depth	8"	
3 Secondary Rooting Depth		
4 Horizons Descriptions Shall Include		

A Depth of Horizon	0-8"	A Depth of Horizon	8"-30"	A Depth of Horizon				
B Soil Texture	silty clay loam	B Soil Texture	caliche	B Soil Texture				
C Soil Structure	coarse	C Soil Structure	blocky	C Soil Structure				
D Soil Color	dark brown	D Soil Color	tan/grey	D Soil Color				
E Mottling	na	E Mottling	NA	E Mottling				
F Percent Coarse Fragments	<10	F Percent Coarse Fragments	15	F Percent Coarse Fragments				

5 Boundary Descriptions (Soil Horizons)	level
6 Restrictive Horizons	0
7 Potential Water Bearing Zones	0
8 Active Water Bearing Zones	0

Site Characteristics

Vegetation					Surface Fragments		Litter	Slope Type	
Large Oak	<5%	<5 % Woody	95 % Herbaceous		<10 % Visible		0 %	2 % -	4 %
Juniper	0%	5 % Canopy Cover	95 % Cover						
Small Oak	<5%								

Comments: | Pictures: | Refusal at: NA | Stopped Digging at: 30 inches

Project: Rockingwall | Profile Hole #: 2 | County: Hays | Date: 11/14/2021

1 Total Depth of Profile hole	30"	
2 Primary Rooting Depth	8"	
3 Secondary Rooting Depth		
4 Horizons Descriptions Shall Include		

A Depth of Horizon	0-8"	A Depth of Horizon	8"-30"	A Depth of Horizon		
B Soil Texture	silty clay loam	B Soil Texture	caliche	B Soil Texture		
C Soil Structure	coarse	C Soil Structure	blocky	C Soil Structure		
D Soil Color	dark brown	D Soil Color	tan/grey	D Soil Color		
E Mottling	NA	E Mottling	NA	E Mottling		
F Percent Coarse Fragments	<10	F Percent Coarse Fragments	15	F Percent Coarse Fragments		

5 Boundary Descriptions (Soil Horizons)	level
6 Restrictive Horizons	0
7 Potential Water Bearing Zones	0
8 Active Water Bearing Zones	0

Site Characteristics

Vegetation				Surface Fragments	Litter	Slope Type
Large Oak <5	<5 % Woody	95 % Herbaceous		<10 % Visible	0 %	2 % - 4 %
Juniper 0%	5 % Canopy Cover	95 % Cover				
Small Oak <5						

Comments Pictures _____ Refusal at: NA Stopped Digging at: 30 inches

Project: Rockingwall | Profile Hole #: 3 | County: Hays | Date: 11/14/2021

1 Total Depth of Profile hole	30"	
2 Primary Rooting Depth	3"	
3 Secondary Rooting Depth		
4 Horizons Descriptions Shall Include		

A Depth of Horizon	0-30"	A Depth of Horizon	30"-60"	A Depth of Horizon			
B Soil Texture	silty clay loam	B Soil Texture	gravely clay loam	B Soil Texture			
C Soil Structure	coarse	C Soil Structure	blocky	C Soil Structure			
D Soil Color	dark brown	D Soil Color	tan/grey	D Soil Color			
E Mottling	na	E Mottling	na	E Mottling			
F Percent Coarse Fragments	<10	F Percent Coarse Fragments	20	F Percent Coarse Fragments			

5 Boundary Descriptions (Soil Horizons)	level
6 Restrictive Horizons	0
7 Potential Water Bearing Zones	0
8 Active Water Bearing Zones	0

Site Characteristics

Vegetation				Surface Fragments	Litter	Slope Type
Large Oak <5	<5 % Woody	95 % Herbaceous		<10 % Visible	0 %	2 % - 4 %
Juniper 0%	5 % Canopy Cover	95 % Cover				
Small Oak <5						

Comments Pictures _____ Refusal at: na Stopped Digging at: 60 inches

Project: Rockingwall | Profile Hole #: 4 | County: Hays | Date: 11/14/2021

1 Total Depth of Profile hole	30"	
2 Primary Rooting Depth	3"	
3 Secondary Rooting Depth		
4 Horizons Descriptions Shall Include		

A Depth of Horizon	0-3"	A Depth of Horizon	8"-30"	A Depth of Horizon	
B Soil Texture	silty clay loam	B Soil Texture	caliche	B Soil Texture	
C Soil Structure	coarse	C Soil Structure	blocky	C Soil Structure	
D Soil Color	dark brown	D Soil Color	tan/grey	D Soil Color	
E Mottling	na	E Mottling	na	E Mottling	
F Percent Coarse Fragments	<10	F Percent Coarse Fragments	15	F Percent Coarse Fragments	

5 Boundary Descriptions (Soil Horizons)	level
6 Restrictive Horizons	0
7 Potential Water Bearing Zones	0
8 Active Water Bearing Zones	0

Site Characteristics

Vegetation

Large Oak	25%	25	% Woody	50	% Herbaceous	Surface Fragments <10	% Visible	Litter 0	%	Slope Type 2	% - 4 %
Juniper	0%	25	% Canopy Cover	50	% Cover						
Small Oak	5%										

Comments Pictures _____ Refusal at: na Stopped Digging at: 30 inches

Project: Rockingwall | Profile Hole #: 5 | County: Hays | Date: 11/14/2021

1	Total Depth of Profile hole	30"
2	Primary Rooting Depth	4"
3	Secondary Rooting Depth	
4	Horizons Descriptions Shall Include	

A	Depth of Horizon	0-4"	A	Depth of Horizon	4"-30"	A	Depth of Horizon	
B	Soil Texture	silty clay loam	B	Soil Texture	caliche	B	Soil Texture	
C	Soil Structure	coarse	C	Soil Structure	blocky	C	Soil Structure	
D	Soil Color	dark brown	D	Soil Color	tan/grey	D	Soil Color	
E	Mottling	na	E	Mottling	na	E	Mottling	
F	Percent Coarse Fragments	<10	F	Percent Coarse Fragments	15	F	Percent Coarse Fragments	

5	Boundary Descriptions (Soil Horizons)	level
6	Restrictive Horizons	0
7	Potential Water Bearing Zones	0
8	Active Water Bearing Zones	0

Site Characteristics

Vegetation				Surface Fragments	Litter	Slope Type
Large Oak	25%	25 % Woody	50 % Herbaceous	<10 % Visible	0 %	2 % - 4 %
Juniper	0%	25 % Canopy Cover	50 % Cover			
Small Oak	5%					

Comments: Pictures: Refusal at: na Stopped Digging at: 30 inches

ATTACHMENT 26
SITE PREPARATION PLAN

Rockingwall Ranch

Site Preparation Plan

The items below have been prepared in accordance with 30 TAC Chapter 222.75.

(1) A site plan to minimize rainfall run-on and maximize rainfall runoff from the dispersal zones. **Berms or swales will be constructed upstream of the drip irrigation fields to avoid rainfall run-on. Subsurface drip irrigation lines will not be constructed in areas that evidence of rainfall channeling can be seen. Any grading changes necessary to prevent the drip irrigation areas from receiving and retaining stormwater runoff will be made.**

(2) Design criteria to compensate for any restrictive horizons within the soil column. A **restrictive horizon was encountered in one soil profile hole. In these areas of shallow soils, soil will be imported to ensure that the soil column is of the appropriate depth.**

(3) Soil importation with descriptions of the chemical and physical characteristics of the proposed import material. **Sandy Loam will be imported to the site.**

(4) Any planned removal of existing vegetation. **There are very few trees in the proposed drip disposal areas. In those areas that do contain trees, small trees will be removed from the site and the large trees will remain, to the extent feasible. The entire site will be overseeded with turf grass.**

TEXAS A&M AGRILIFE EXTENSION

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Erin Banks / WWD Engineering
Rockinwall TLAP
9217 Hwy 290 W. Ste. 110
AUSTIN, TX 78736

Sample received on: 11/16/2021
Printed on: 11/29/2021
Area Represented: 4 acres

Hays County
Laboratory Number: 593961
Customer Sample ID: Comp 1
Crop Grown: IMPROVED AND HYBRID BERMUDA GRASS (3 HAY CUTTINGS-2 TONS/A AVG.)

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.9**	(5.8)	-	**Mod. Alkaline**						
Conductivity	**131**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**4**	(-)	ppm**	III						**90** lbs N/acre
Phosphorus	**12**	(50)	ppm	IIIIIIIIIIIIIIIIIIIII						**90** lbs P2O5/acre
Potassium	**372**	(150)	ppm	IIIIIIIIIIIIIIIIIII

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
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979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Erin Banks / WWD Engineering
Rockinwall TLAP
9217 Hwy 290 W. Ste. 110
AUSTIN, TX 78736

Sample received on: 11/16/2021
Printed on: 11/29/2021
Area Represented: 4 acres

Hays County

Laboratory Number: 593962
Customer Sample ID: Comp 2
Crop Grown: IMPROVED AND HYBRID BERMUDA GRASS (3 HAY CUTTINGS-2 TONS/A AVG.)

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.3**	(5.8)	-	**Mod. Alkaline**						
Conductivity	**108**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**0**	(-)	ppm**							**95** lbs N/acre
Phosphorus	**0**	(50)	ppm							**120** lbs P2O5/acre
Potassium	**131**	(150)	ppm							**30** lbs K20/acre
Calcium	**36,326**	(180)	ppm							**0** lbs Ca/acre
Magnesium	**131**	(50)	ppm							**0** lbs Mg/acre
Sulfur	**17**	(13)	ppm							**0** lbs S/acre
Sodium	**12**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** tons 100ECCE/acre

Detailed Salinity Test (Saturated Paste Extract)			
pH	**7.4**		
Conductivity	**0.29**	mmhos/cm	
Sodium	**24**	ppm	**1.036** meq/L
Potassium	**6**	ppm	**0.149** meq/L
Calcium	**62**	ppm	**3.109** meq/L
Magnesium	**2**	ppm	**0.165** meq/L
SAR	**0.81**		
SSP	**23.24**		

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 100 lbs/A of nitrogen for each subsequent hay cuttings.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer. 2.19j

APP000425

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Erin Banks / WWD Engineering
Rockinwall TLAP
9217 Hwy 290 W. Ste. 110
AUSTIN, TX 78736

Sample received on: 11/16/2021
Printed on: 11/29/2021
Area Represented: 4 acres

Hays County

Laboratory Number: 593963
Customer Sample ID: Comp 3
Crop Grown: IMPROVED AND HYBRID BERMUDA GRASS (3 HAY CUTTINGS-2 TONS/A AVG.)

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.1**	(5.8)	-	**Mod. Alkaline**							
Conductivity	**119**	(-)	umho/cm	**None**				CL*			**Fertilizer Recommended**
Nitrate-N	**1**	(-)	ppm**							**95**	lbs N/acre
Phosphorus	**0**	(50)	ppm							**120**	lbs P2O5/acre
Potassium	**147**	(150)	ppm							**5**	lbs K20/acre
Calcium	**35,164**	(180)	ppm							**0**	lbs Ca/acre
Magnesium	**129**	(50)	ppm							**0**	lbs Mg/acre
Sulfur	**12**	(13)	ppm							**5**	lbs S/acre
Sodium	**12**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	tons 100ECCE/acre

Detailed Salinity Test (Saturated Paste Extract)			
pH	**7.4**		
Conductivity	**0.23**	mmhos/cm	
Sodium	**19**	ppm	**0.848** meq/L
Potassium	**4**	ppm	**0.104** meq/L
Calcium	**47**	ppm	**2.354** meq/L
Magnesium	**2**	ppm	**0.164** meq/L
SAR	**0.76**		
SSP	**24.43**		

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 100 lbs/A of nitrogen for each subsequent hay cuttings.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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APP000426

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Erin Banks / WWD Engineering
Rockinwall TLAP
9217 Hwy 290 W. Ste. 110
AUSTIN, TX 78736

Sample received on: 11/16/2021
Printed on: 11/29/2021
Area Represented: 4 acres

Hays County

Laboratory Number: 593964
Customer Sample ID: Samp 1
Crop Grown: IMPROVED AND HYBRID BERMUDA GRASS (3 HAY CUTTINGS-2 TONS/A AVG.)

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.6**	(5.8)	-	**Mod. Alkaline**							
Conductivity	**121**	(-)	umho/cm	**None**			CL*				**Fertilizer Recommended**
Nitrate-N	**3**	(-)	ppm**	**II**							**90** lbs N/acre
Phosphorus	**1**	(50)	ppm	**II**							**120** lbs P2O5/acre
Potassium	**415**	(150)	ppm								**0** lbs K20/acre
Calcium	**11,574**	(180)	ppm								**0** lbs Ca/acre
Magnesium	**228**	(50)	ppm								**0** lbs Mg/acre
Sulfur	**6**	(13)	ppm								**10** lbs S/acre
Sodium	**18**	(-)	ppm	**III**							
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement											**0.00** tons 100ECCE/acre

Textural Analysis Test (hydrometer)		
Sand	**30**	%
Silt	**30**	%
Clay	**40**	%
Textural Class:	**Clay**	

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 100 lbs/A of nitrogen for each subsequent hay cuttings.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Erin Banks / WWD Engineering
Rockinwall TLAP
9217 Hwy 290 W. Ste. 110
AUSTIN, TX 78736

Sample received on: 11/16/2021
Printed on: 11/29/2021
Area Represented: 4 acres

Hays County
Laboratory Number: 593965
Customer Sample ID: Samp 2
Crop Grown: IMPROVED AND HYBRID BERMUDA GRASS (3 HAY CUTTINGS-2 TONS/A AVG.)

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.3**	(5.8)	-	**Mod. Alkaline**							
Conductivity	**94**	(-)	umho/cm	**None**				CL*			**Fertilizer Recommended**
Nitrate-N	**3**	(-)	ppm**								**90** lbs N/acre
Phosphorus	**0**	(50)	ppm								**120** lbs P2O5/acre
Potassium	**113**	(150)	ppm								**60** lbs K20/acre
Calcium	**36,657**	(180)	ppm								**0** lbs Ca/acre
Magnesium	**106**	(50)	ppm								**0** lbs Mg/acre
Sulfur	**13**	(13)	ppm								**0** lbs S/acre
Sodium	**8**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement											**0.00** tons 100ECCE/acre

Textural Analysis Test (hydrometer)		
Sand	**74**	%
Silt	**8**	%
Clay	**18**	%
Textural Class:	**Sandy Loam**	

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 100 lbs/A of nitrogen for each subsequent hay cuttings.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer. 2.19j
APP000428

ATTACHMENT 28
FEMA FLOODPLAIN MAP

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0107F

FIRM

FLOOD INSURANCE RATE MAP

HAYS COUNTY, TEXAS AND INCORPORATED AREAS

PANEL 107 OF 495

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

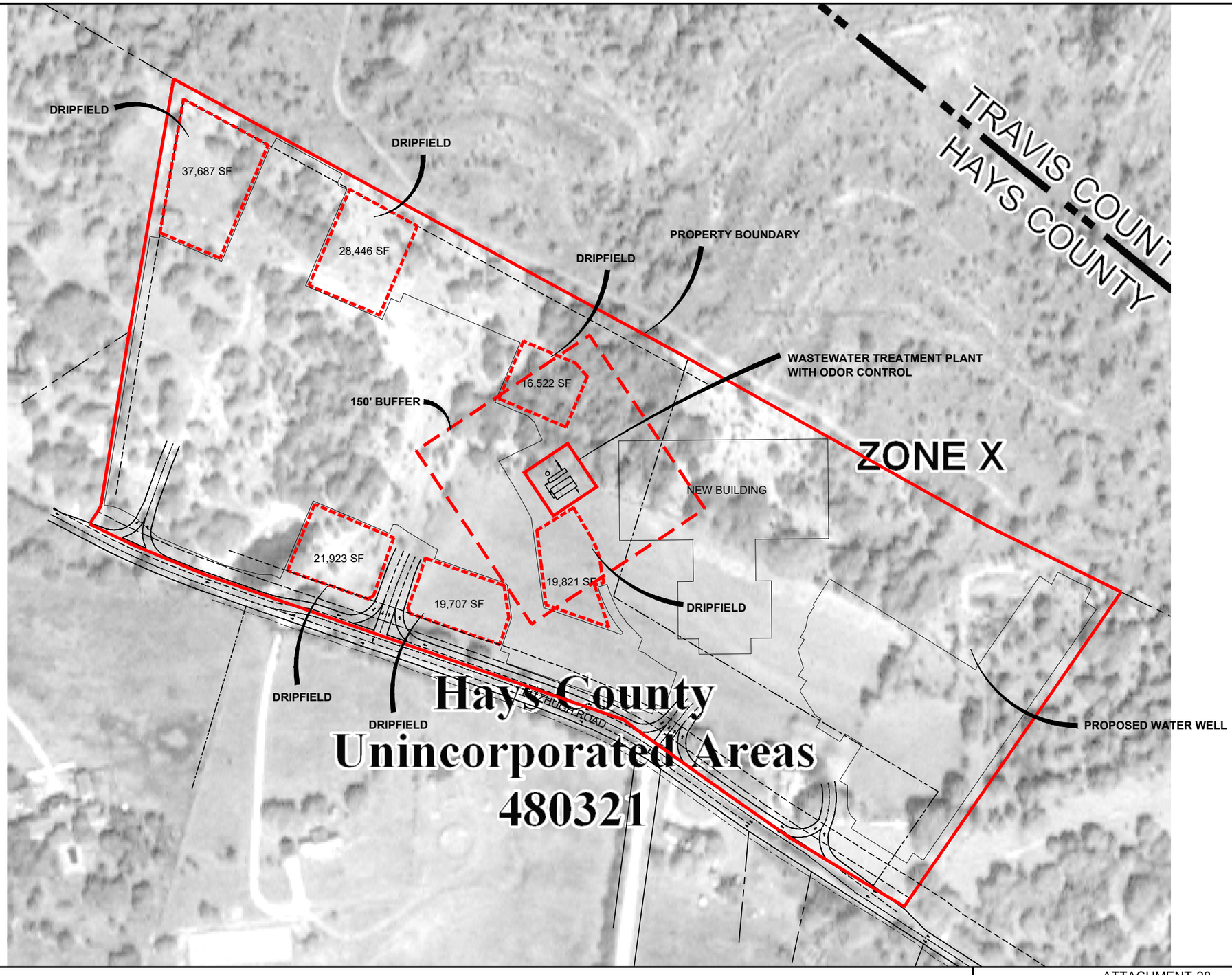
COMMUNITY	NUMBER	PANEL	SUFFIX
HAYS COUNTY	480321	0107	F

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
48209C0107F

MAP REVISED
SEPTEMBER 2, 2005

Federal Emergency Management Agency



wwdengineering
engineered wastewater solutions
F-12009

Austin, Texas 78736

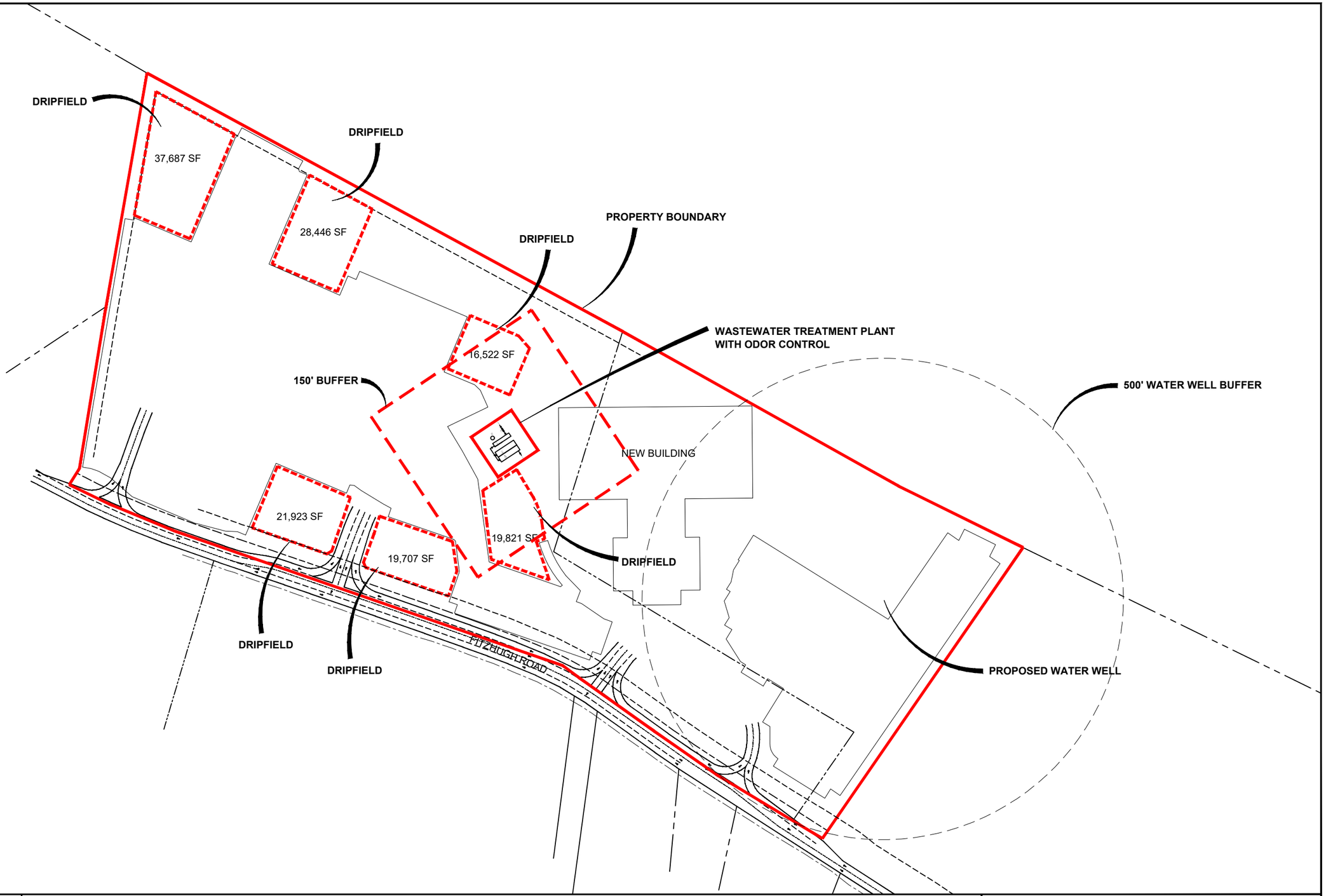
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1" = 20'

ATTACHMENT-28
FEMA MAP
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

APP000430

ATTACHMENT 29
BUFFER ZONE MAP



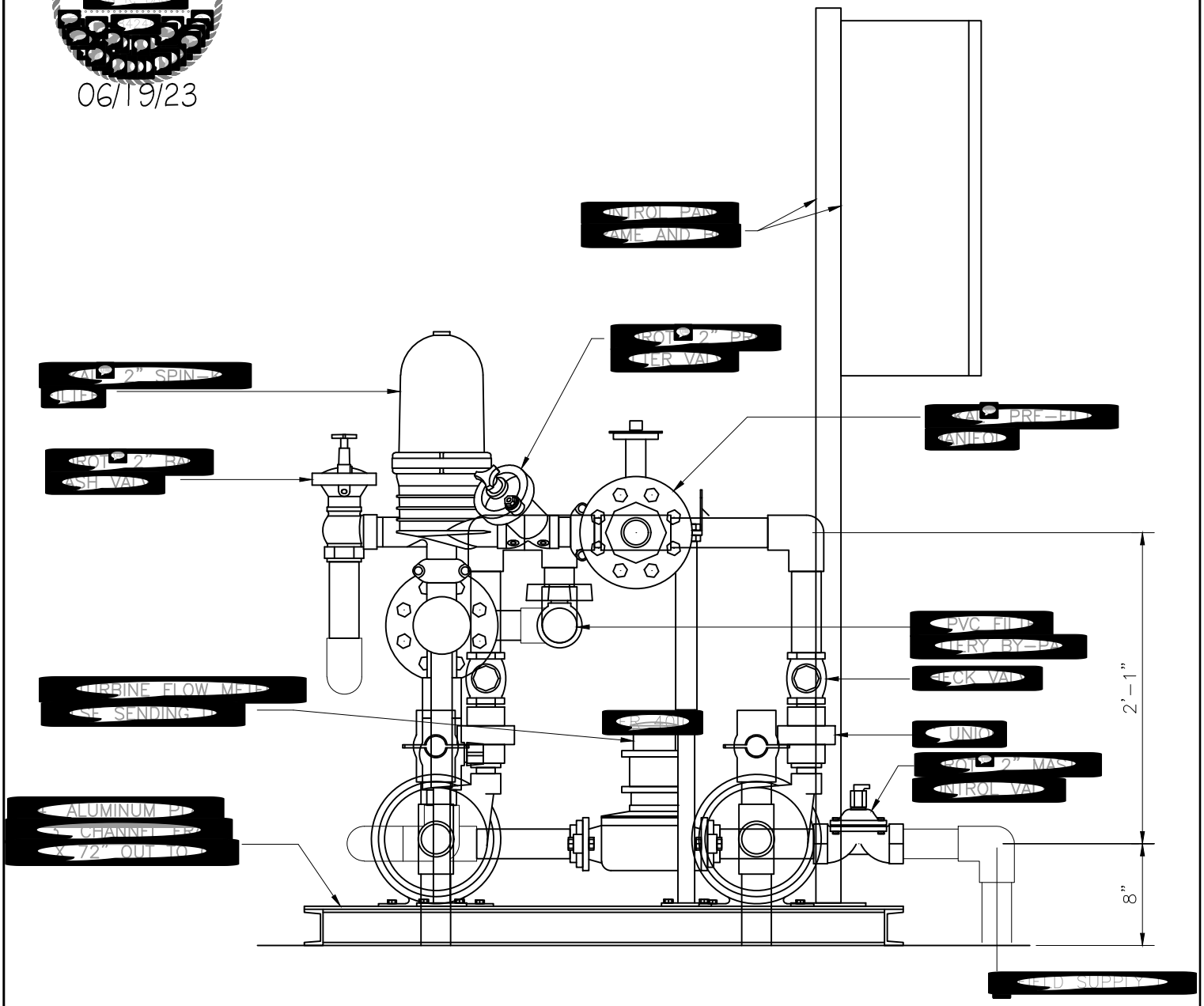
wwdengineering
engineered wastewater solutions
F-12009

= 20'

ATTACHMENT - 29
BUFFER ZONE MAP
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

APP000432

06/19/23

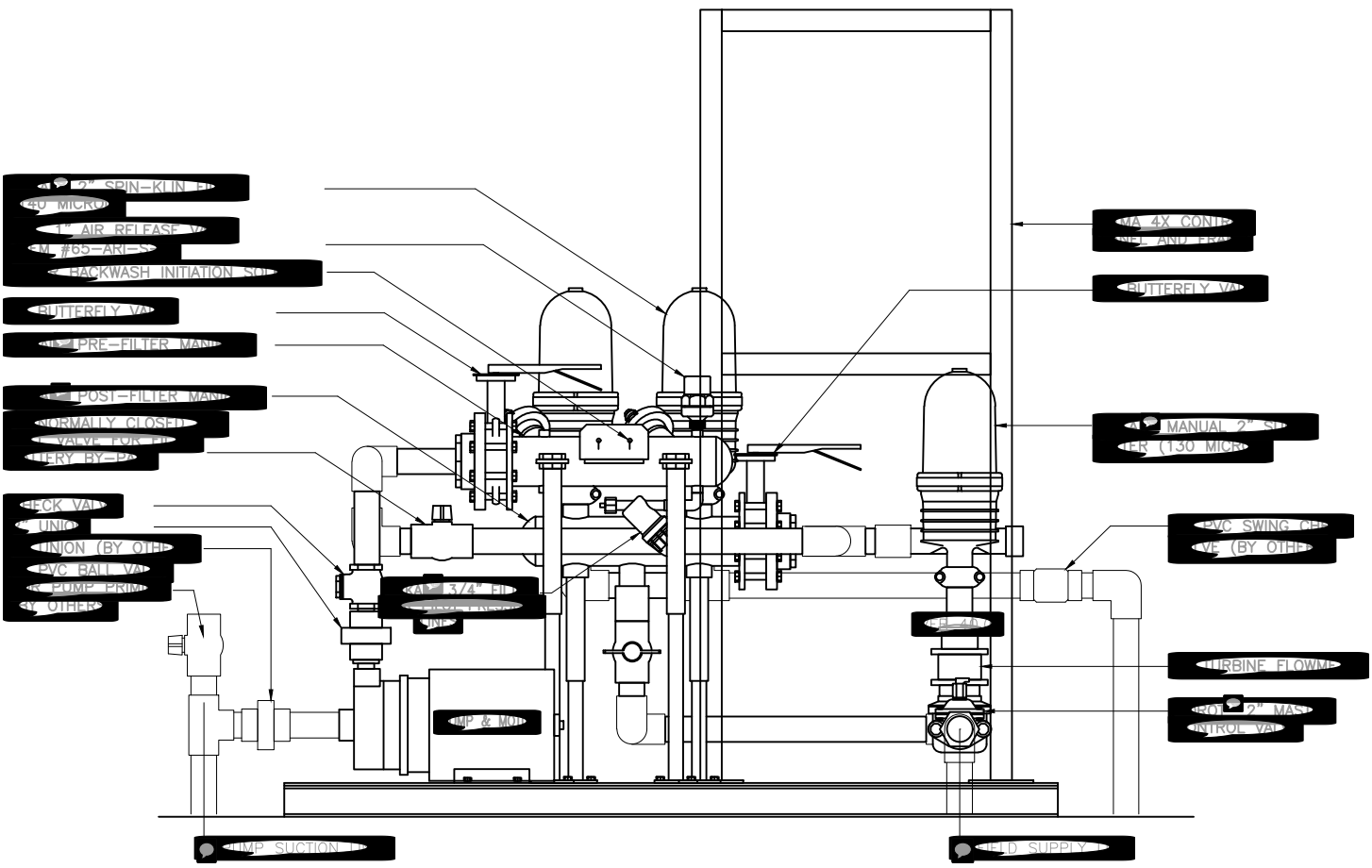


wwdengineering
engineered wastewater solutions
F-12009

ATTACHMENT-D-1
DRIP IRRIGATION SYSTEM DIAGRAM
ROCKINGWALL TLAP RENEWAL
DRIPPING SPRINGS, TEXAS

APP000434

06/19/23

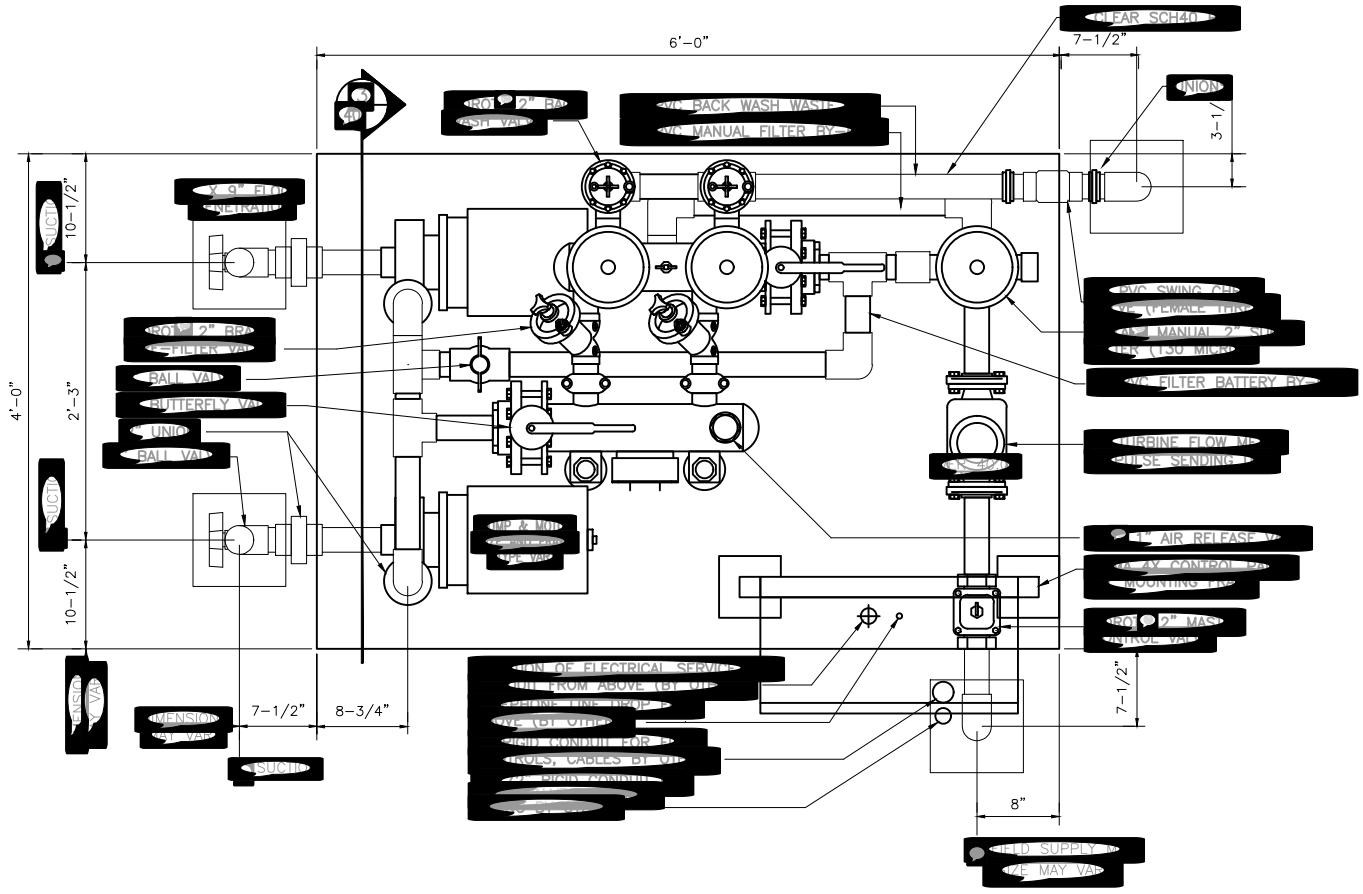


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F-12009

Austin, Texas 78736

ATTACHMENT-D-2
DRIP IRRIGATION SYSTEM DIAGRAM
ROCKINGWALL TLAP RENEWAL
DRIPPING SPRINGS, TEXAS

APP000435

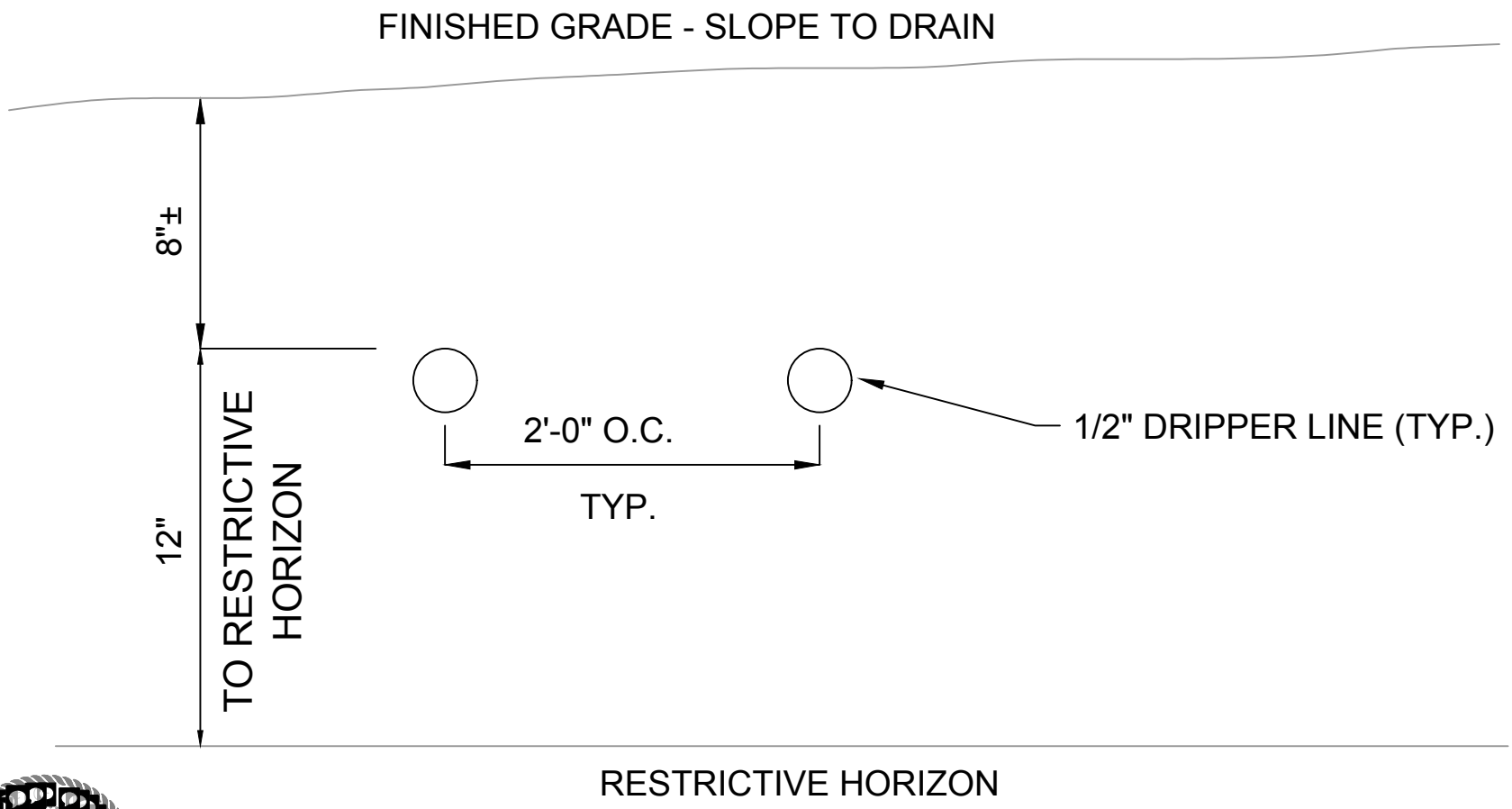


06/19/23

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F-12009

ATTACHMENT-D-3
DRIP IRRIGATION SYSTEM DIAGRAM
ROCKINGWALL TLAP RENEWAL
DRIPPING SPRINGS, TEXAS

APP000436



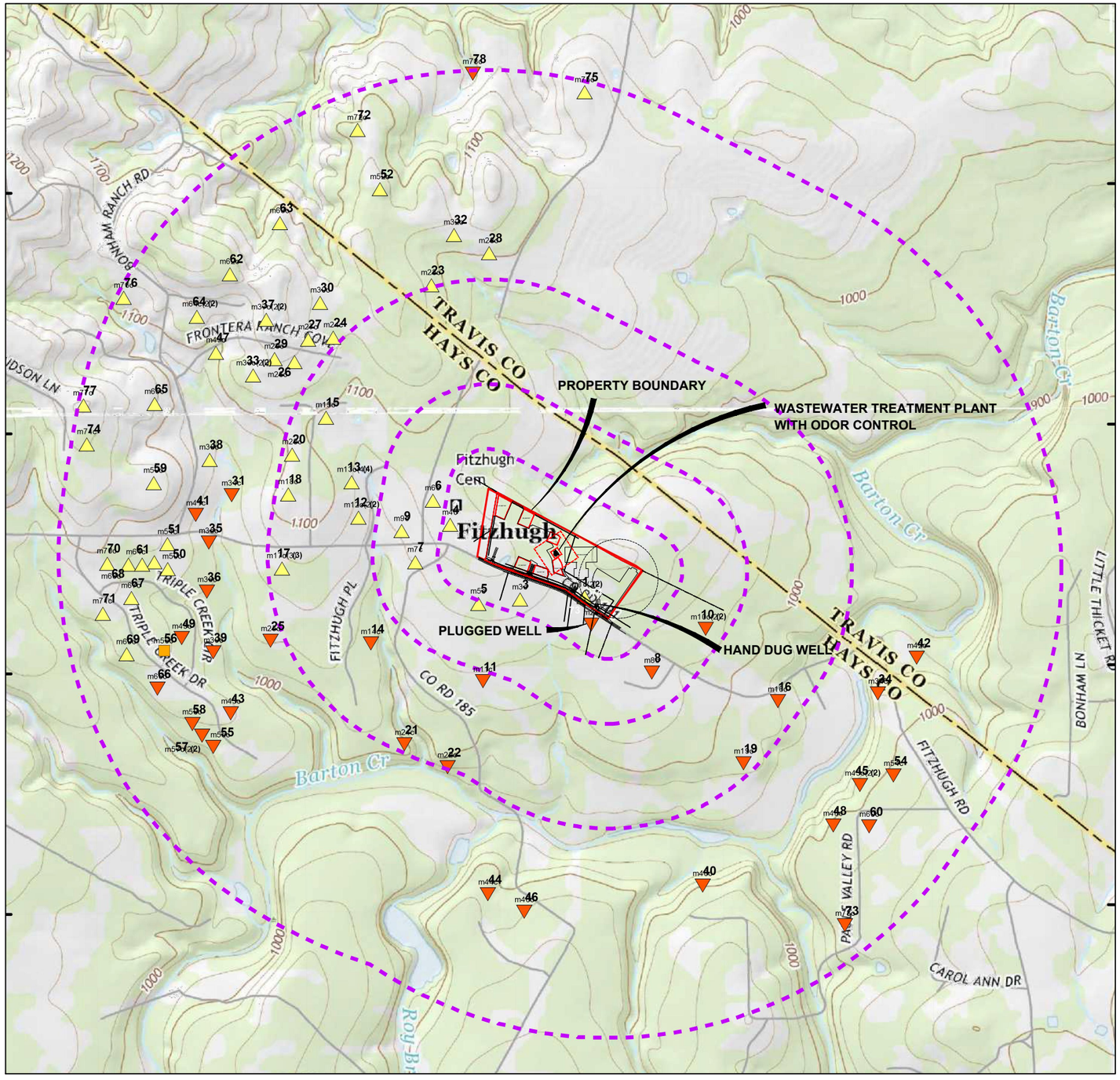
03/07/22

NOT TO SCALE

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PROPOSED TRENCH SYSTEM
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

APP000437



Project Property
Buffer Outline
Eris Sites with Higher Elevation
Eris Sites with Same Elevation
Eris Sites with Lower Elevation
Eris Sites with Unknown Elevation

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F-12009

50' 0 50' 100'
1" = 150'

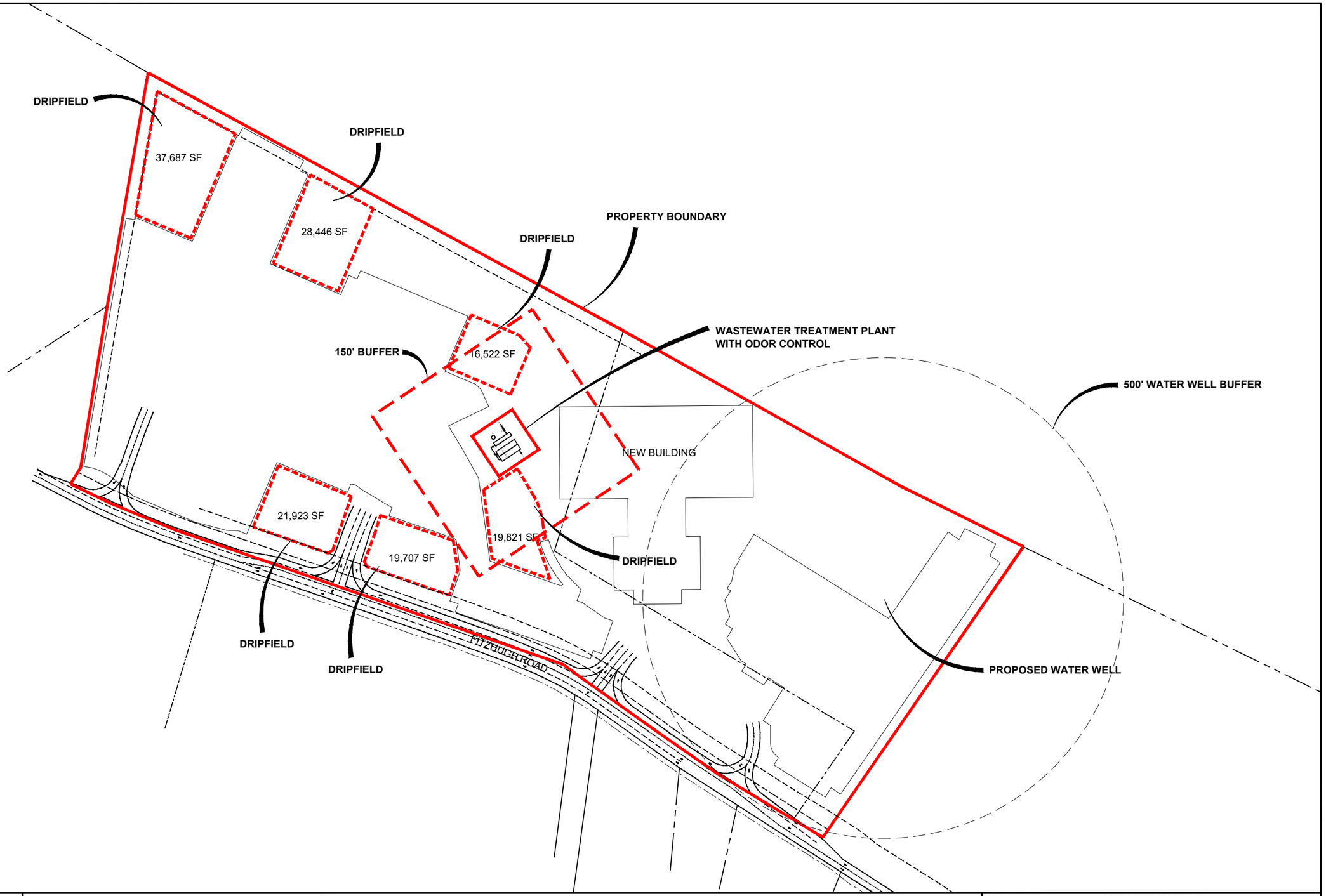
ATTACHMENT-18
WELL MAP
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

APP000439

DIVIDER

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wwdengineering
engineered wastewater solutions
F-12009
9217 Hwy 290 W., Ste 110
Austin, Texas 78736
(512) 288-2111

200 0 100 200 400

1" = 200'

ATTACHMENT - 8
BUFFER ZONE MAP
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

APP000441

wwdengineering
F-12009
9217 Hwy. 290 West, Suite 110, Austin, Texas, 78736 ● 512.288.2111 ● F: 512.610.6950 ● www.wwdengineering.net

May 22, 2023

Deba Dutta, PE
Applications Review and Processing Team (MC 148)
Texas Commission on Environmental Quality
12101 Park Circle Dr.
Austin, TX 78753

RE: Response to Requests Post Public Meeting
TLAP Permit No. WQ0016111001

Mr. Dutta,
In response to discussions with your project team for the Rockingwall Development, we are providing the following information and attachments:

ADMINISTRATIVE, FLOW JUSTIFICATION AND TREATMENT UNIT

1. Please find attached the revised Section 3.2 of the Technical Application for the drip irrigation system, the effluent holding tank size was adjusted back to 36,000 gallons based upon conversations with Firoj Vahora.
2. Please find attached the flow equalization schematic diagram.

The Flow Equalization Basin (FEB) information is described below and the sizing was included in the original application, however, we are now providing two basins.

Flow Equalization (2) - 12 ft W x 43 ft L x 12 ft H

FEB Process:
The FEB will be sized to function both as a holding basin for all incoming flows and the source for controllable steady state forwarding to the process system. Thus, it will be oversized beyond our typical standard of 8 hours retention for normal steady state processing. This is due to the nature of the waste stream production for this event center, which is only expected to be open for use between one and three days/week, and sometimes not in use for an entire week, perhaps. Since the estimate provided for sizing of a collection and treatment system was both a “daily average” of 12,000 gallons and a peak of 35,000 gallons, this will equalize the surges in flow over days or a week in the 80,000 gallon basin. The basin will adhere to the 150’ buffer that all treatment components are adhering to at the site.

If you have any questions or comments regarding this please contact me at 512-288-2111 or erin.banks@wwdengineering.net.

Sincerely,
WWD Engineering

Erin K Banks

Erin Banks, P.E.
President

Attachments



5/22/23

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION

DOMESTIC TECHNICAL REPORT 1.0

The Following Is Required For All Applications

Renewal, New, And Amendment

Section 1. Permitted or Proposed Flows (Instructions Page 51)

A. Existing/Interim I Phase

Design Flow (MGD):

2-Hr Peak Flow (MGD): Click here to enter text.

Estimated construction start date: Click here to enter text.

Estimated waste disposal start date:

B. Interim II Phase

Design Flow (MGD):

2-Hr Peak Flow (MGD):

Estimated construction start date:

Estimated waste disposal start date:

C. Final Phase

Design Flow (MGD): 0.012

2-Hr Peak Flow (MGD): 0.048

Estimated construction start date: 12/2022

Estimated waste disposal start date: 6/2023

D. Current operating phase: Interim Phase I

Provide the startup date of the facility: N/A

Section 2. Treatment Process (Instructions Page 51)

A. Treatment process description

Provide a detailed description of the treatment process. **Include the type of**

treatment plant, mode of operation, and all treatment units. Start with the plant's head works and finish with the point of discharge. Include all sludge processing and drying units. **If more than one phase exists or is proposed in the permit, a description of *each phase* must be provided**. Process description:

The proposed wastewater treatment facility shall be designed to employ the activated sludge process with tertiary filtration and disinfection. Raw sewage will be conveyed to two flow equalization basins, each being 40,000 gallons, to address the high variability of wastewater generation and convey a consistent, attenuated flow stream to the subsequent treatment processes. Equalized flow shall then be pumped into the preliminary treatment system consisting of a mechanical fine screen and backup manual screen to remove any large solids that may be detrimental to the biological process and/or the mechanical equipment employed therein. From the screening process, screened wastewater will then be conveyed to the aerobic reactor, which will be designed to operate in the conventional activated sludge mode without nitrification. Mixed liquor from the aerobic reactor shall flow by gravity into a mechanical final clarifier, where solids separation will take place. From the clarifier, the clarified effluent shall be conveyed to a tertiary media filter for effluent polishing. Finally, the filtered effluent shall enter a chlorine contact chamber for disinfection prior to storage and land application.

Port or pipe diameter at the discharge point, in inches: 4" to SADDs

B. Treatment Units

In Table 1.0(1), provide the treatment unit type, the number of units, and dimensions (length, width, depth) **of each treatment unit, accounting for *all* phases of operation**.

Table 1.0(1) – Treatment Units

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
Flow Equalization	2	12ft H x 12ft W x 43ft L
Aeration Basin	1	8'-2"D x 8ft W x 18'-6" L
Aerobic Digester	1	10'-9" Diameter x 7'-4" D
Clarifier	1	8ft Diameter x 8ft D
Chlorine Contact Chamber		7ft D x 8ft W x 1'-6" L

C. Process flow diagrams

Provide flow diagrams for the existing facilities and **each** proposed phase of construction.

Attachment: 9

From: Harrison Malley
To: Craig Douglas
Cc: William LeClerc
Subject: RE: Blizexas Correspondence
Date: Tuesday, June 20, 2023 2:22:22 PM

Goof Afternoon Craig,

The Executive Director's staff have reviewed all the materials your client's representatives have submitted and are prepared to move forward with this application. ED staff will transmit the revised draft permit to Ms. Banks for the applicant's review and approval. Once your client has approved the latest draft permit, the Office of the Chief Clerk will transmit the materials necessary for the publication of the Spanish language Combined Notice of Receipt of Application and Intent to Obtain Permit/ Notice of Application and Preliminary Decision. ED staff are prepared to forward a curtesy copy of the draft permit to your office should you request it.

Thank you,
Cole

Harrison Cole Malley
Staff Attorney, TCEQ Environmental Law Division
512-239-1439
Harrison.malley@tceq.texas.gov

From: Craig Douglas <cmdouglas14@mac.com>
Sent: Thursday, June 15, 2023 12:39 PM
To: Harrison Malley <Harrison.Malley@tceq.texas.gov>
Cc: William LeClerc <wleclerc@lexorbuilders.com>
Subject: Blizexas Correspondence

Cole:

Find attached correspondence regarding the Blizexas matter. I'm available to discuss at your convenience.

Best
Craig

CONFIDENTIALITY NOTICE: This communication (including any attached document) may contain information that is confidential, proprietary and/or privileged. The information is intended for the sole use of the indicated e-mail addressee(s). If you are not an intended recipient of this communication, please be advised that any disclosure, copying, distribution or other use of this communication or any attached document is strictly prohibited. Moreover, any such inadvertent disclosure shall not compromise or waive the attorney-client privilege as to this communication or otherwise. If you have received this communication in error, please notify the sender immediately

by reply e-mail or by telephone at (512) 906-4393 and promptly destroy all electronic and printed copies of this communication and any attached document. Thank you.

C.M. DOUGLAS, PLLC
AUSTIN, TEXAS

CRAIG M. DOUGLAS
CMDOUGLAS14@MAC.COM

15 June 2023

Harrison Cole Malley, Esq.
Staff Attorney / Environmental Law Division
Texas Commission on Environmental Quality
P.O. Box 13087
Austin, Texas 78711-3087

VIA ELECTRONIC MAIL TO:
Harrison.malley@tceq.texas.gov

RE: Blizexas, LLC; Proposed Permit No. WQ0016111001; Rockingwall Ranch WWTF — Classification of Amendments to Application

Dear Mr. Malley:

As you know, I represent Blizexas, LLC, the applicant for the above-referenced proposed permit (the "Permit"). The purpose of this correspondence is to follow-up on our recent telephone conversations regarding the classification of amendments to the Permit, and the remaining procedural steps to secure issuance of a permit decision. More specifically, we are confronted with two issues:

1. curing a deficiency to comply with the bilingual notice requirement under 30 TAC §39.426; and

2. whether my client will stipulate that certain changes to the Permit application in response to staff and public comments constituted "major amendments" to the Permit under 30 TAC §302.62(c)(1), which would necessitate publication of a new NORI and NAPD prior to permit issuance.

As an initial matter, we agree that publication of a bilingual notice in a Spanish language newspaper of general circulation is advisable under the circumstances. As for the question on classification of the amendments, as we understand it, we have the choice of concurring that the changes at issue constitute "major amendments" and consenting to the concurrent publication of a new NORI and NAPD, or we can disagree and proceed only with the Spanish language publication.

Based on our initial phone conversation on 2 May 2023, the changes at issue relate to (a) the SADDS disposal areas (drip fields); and (b) a response to comments on the proposed equalization basin. Before my client agrees to one of the two options it has been given, it requests clarification on the basis for staff's preliminary conclusion that these changes qualify as "major amendments" under the applicable rule. Following consultation with our engineer, Erin Banks, and a review of the applicable regulations, we cannot identify a clear basis for staff's conclusion. This is not to say that we foreclose the option of a concurrent publication of the NORI and NAPD; rather that we seek to understand the rationale behind the classification before making a decision.

As we've discussed, the applicable regulations are 30 TAC §305.62(c)(1) and (2), which provide in relevant part as follows:

> (c)(1) A major amendment is an amendment that changes a substantive term, provision, requirement, or a limiting parameter of a permit.
>
> (c)(2) A minor amendment is an amendment to improve or maintain the permitted quality or method of disposal of waste, or injection of fluid if there is neither a significant increase in the quantity of waste or fluid to be discharged or injected nor a material change in the pattern or place of injection. *A minor amendment includes any other change to a permit issued under this chapter that will not cause or relax a standard or criterion which may result in a potential deterioration of water quality in the state.* [...]
>
> (Emphasis added.)

Technical staff advised Ms. Banks that the preliminary decision to classify changes to the application relating to the disposal area and a response to comments relating to the equalization basin as "major amendments" under subsection (c)(1) was made by legal staff. Our internal review suggests that these are more appropriately classified as "minor amendments" under subsection (c)(2).

With respect to the disposal area, the application fields were reconfigured in response to staff comments to ensure a 25' buffer to adjacent property and adequate distance from any identified features. This adjustment does not result in a substantive change to a "term, provision, requirement, or a limiting parameter" of the Permit. Moreover, it enhances the level of protection provided by the system rather than "relaxes" any applicable standard. The flow estimates were not increased, and the system's ability to meet required standards for treatment and disposal, remain unchanged. This information was provided to staff by Ms. Banks on or about 23 January 2023.

The flow equalization basin is designed to function both as a holding basin for all incoming flows and the source for controllable steady state forwarding to the process system. It is actually oversized beyond the typical standard of 8 hours of retention, with an extra 5,000 gallons of retention capacity over and above the 12,000 gallon daily average and 35,000 gallon peak flow estimate. Staff requested additional information from Ms. Banks on the design and operational parameters of the basin, which was provided on or about 6 June 2023. The response to staff's

request did not include any material changes to the design or function of the basin, and resulted in no relaxation of any applicable standard or criterion.

We would appreciate clarification on these matters as soon as possible so that the applicant can make decisions regarding the procedural options presented to it. We only addressed the two amendment classification issues you mentioned in our recent discussions, so if there are others, please let us know along with the rationale behind each one.

Thank you for your time and attention to this matter, and your service to our state. I can be reached at the email address listed above, or by calling 512-906-4393.

Very truly yours,

Craig M. Douglas

cc: The Honorable Carrie Isaac (Texas House of Representatives)
Mr. Bill Hirschmann
Mr. Bill LeClerc
Ms. Erin Banks

wwdengineering
F-12009
9217 Hwy. 290 West, Suite 110, Austin, Texas, 78736 ● 512.288.2111 ● F: 512.610.6950 ● www.wwdengineering.net

January 23, 2023

Deba Dutta, PE
Applications Review and Processing Team (MC 148)
Texas Commission on Environmental Quality
12101 Park Circle Dr.
Austin, TX 78753

RE: Response to Letter Post Public Meeting
TLAP Permit No. WQ0016111001

Mr. Dutta,
In response to your letter post the public meeting held on November 29, 2022, for the Rockingwall Development, we are providing the following information and attachments:

ADMINISTRATIVE, FLOW JUSTIFICATION AND TREATMENT UNIT

1. Please find attached the revised Item E.1 of the Administrative Application with regard to bilingual public notice and the revised Alternative Language Form for the NORI.
2. Please find attached the justification for the permit and how the flows were calculated, based upon empirical data from another, similar facility.
3. The Flow Equalization Basin (FEB) information is described below and the sizing was included in the original application,
   Flow Equalization (1) - 8'-2"ft D x 8ft W x 40ft L
   Constructed of Coated Carbon Steel
   FEB Process:
   The FEB will be sized to function both as a holding basin for all incoming flows and the source for controllable steady state forwarding to the process system. Thus, it will be oversized beyond our typical standard of 8 hours retention for normal steady state processing. This is due to the nature of the waste stream production for this event center, which is only expected to be open for use between one and three days/week, and sometimes not in use for an entire week, perhaps. Since the estimate provided for sizing of a collection and treatment system was both a "daily average" of 12,000 gallons and a peak of 35,000 gallons, this will equalize the surge3s in flow over days or a week in the 40,000 gallon basin. The basin will adhere to the 150' buffer that all treatment components are adhering to at the site.

GEOLOGY

1. Please find attached revised Recharge Feature Plan and Attachments 8, 10, 21, and 22.
2. We were unable to find any data on any possible hand dug or otherwise constructed wells at the site based upon our database searches. One existing well, not found in the databases, had been previously plugged, but we have no other information on this well, other than the plugging report. The owner, prior to constructing SADDS fields or the WWTP will have any possible recharge features encountered or addressed. The owner will have a licensed well driller properly plug these "well type" features in accordance with State law prior to construction. The updated RFP addresses these possible features, however, since we could not confirm any additional information on the possible feature, we were not able to update the well report, just the well list and map, as well as including the plugging report.
3. We have added a 25' property line setback for the two northernmost SADDS fields, this is reflected in the revised attachments.

AGRONOMY

1. As a result of the setbacks for the bar ditch and the 25' property line setback, some of the SADDS fields were removed from the permit application and relocated adjacent to SADDS fields included in the original permit application. These fields are adjacent to the original field locations and of the same soils types that had previously been evaluated and tested. The existing soil reports and analysis are representative of the new areas. The updated SADDS areas are shown on the attached exhibits.
2. There are no updates to the flow, the size of the dripfields remained the same, locations are just slightly adjusted.

If you have any questions or comments regarding this please contact me at 512-288-2111 or erin.banks@wwdengineering.net.

Sincerely,
WWD Engineering

Erin K Banks

Erin Banks, P.E.
President



Attachments

1/23/23

First and Last Name: Bill LeClerc

Credential (P.E, P.G., Ph.D., etc.): Click here to enter text

Title: Director

Organization Name: Blizexas, LLC

Mailing Address: 2470 South Winchester Boulevard, Suite D

City, State, Zip Code: Campbell, CA 95008

Phone No.: 978-877-1798 Ext.: Click here to enter text Fax No.: Click here to enter text

E-mail Address: wleclerc@lexorbuilders.com

D. Public Viewing Information

If the facility or outfall is located in more than one county, a public viewing place for each county must be provided.

Public building name: Dripping Springs Community Library

Location within the building: Front Desk

Physical Address of Building: 501 Sportsplex Drive

City: Dripping Springs County: Hays

Contact Name: Librarian

Phone No.: 512-858-7825 Ext.: Click here to enter text

E. Bilingual Notice Requirements:

This information **is required** for **new, major amendment, and renewal applications**. It is not required for minor amendment or minor modification applications.

This section of the application is only used to determine if alternative language notices will be needed. Complete instructions on publishing the alternative language notices will be in your public notice package.

Please call the bilingual/ESL coordinator at the nearest elementary and middle schools and obtain the following information to determine whether an alternative language notices are required.

1. Is a bilingual education program required by the Texas Education Code at the elementary or middle school nearest to the facility or proposed facility?

   ☒ Yes ☐ No

   If **no**, publication of an alternative language notice is not required; **skip to** Section 9 below.

2. Are the students who attend either the elementary school or the middle school enrolled in a bilingual education program at that school?

   ☒ Yes ☐ No

3. Do the students at these schools attend a bilingual education program at another location?

   ☐ Yes ☒ No

4. Would the school be required to provide a bilingual education program but the school has waived out of this requirement under 19 TAC §89.1205(g)?

   ☐ Yes ☒ No

5. If the answer is yes to question 1, 2, 3, or 4, public notices in an alternative language are required. Which language is required by the bilingual program? Spanish

Section 9. Regulated Entity and Permitted Site Information (Instructions Page 33)

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. **RN** Click here to enter text

Search the TCEQ's Central Registry at http://www15.tceq.texas.gov/crpub/ to determine if the site is currently regulated by TCEQ.

B. Name of project or site (the name known by the community where located):

Rockingwall

C. Owner of treatment facility: Blizexas, LLC

Ownership of Facility: ☐ Public ☒ Private ☐ Both ☐ Federal

D. Owner of land where treatment facility is or will be:

Prefix (Mr., Ms., Miss): Click here to enter text

First and Last Name: Blizexas, LLC

Mailing Address: 2470 S Windchester Blvd, Ste D

City, State, Zip Code: Campbell, CA 95008

Phone No.: 978-877-1798 E-mail Address: wleclerc@lexorbuilders.com

If the landowner is not the same person as the facility owner or co-applicant, attach a lease agreement or deed recorded easement. See instructions.

Attachment: Click here to enter text

E. Owner of effluent disposal site:

Prefix (Mr., Ms., Miss): Blizexas, LLC

First and Last Name: Click here to enter text

Mailing Address: 2470 S Windchester Blvd, Ste D

City, State, Zip Code: Campbell, CA 95008

Phone No.: 978-877-1798 E-mail Address: wleclerc@lexorbuilders.com

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY
Public Notice Verification Form
Notice of Receipt of Application and Intent to Obtain Permit (NORI)
Water Quality Permit

Complete this page only if you are required to publish in an alternative language and are not able to do so.

Applicant Name: Blizexas, LLC

Site or Facility Name: Rockingwall WWTP

Water Quality Permit Number: WQ0016111001

Regulated Entity Number: RN 111436440 Customer Number: CN 605898865

ALTERNATIVE LANGUAGE EXEMPTION

I certify that I have conducted a diligent search for a newspaper or publication of general circulation in both the municipality and county in which the facility is located or proposed to be located and was unable to publish the notice in the required alternative language because:

☒ A newspaper or publication could not be found in any of the alternative languages in which notice is required.

☐ The publishers of the newspapers listed below refused to publish the notice as requested, and another newspaper or publication in the same language and of general circulation could not be found in the municipality or county in which the facility is located or proposed to be located.

Newspaper Name: Click here to enter text.

Language: Click here to enter text.

Applicant or Applicant Representative Signature: Erin K Banks

Title: President, WWD Engineering Date: 1/16/23

FLOW CALCULATION JUSTIFICATION

The criteria to determine wastewater flows for the proposed Rockingwall venue were based on actual, monitored wastewater flows at the developer's California venue, The Mountain Winery. To satisfy health department requirements at that facility, there was a requirement that they monitor wastewater flows to their leach fields from their existing wastewater treatment system. Actual meters were installed on the wastewater lines to the disposal fields and daily records were kept measuring daily flows through the system. The metering was done for an entire concert season, so in addition they were able to track daily flows based on attendance as well. These were very accurately measured flows and therefore they are quite confident of the data. It should be noted that these flows also included wastewater flows from their two fully operational kitchens and food services, which included all daily flows leading up to the events, not just the events themselves. It should also be noted, that this facility is not equipped with the low flow toilets and sinks, that would be part of any new facility design at any new venue, which would lower the actual wastewater flow as well.

The results of the actual data obtained reflected wastewater flows over the course of a full 70 concert season and the results indicated a flow rate of 5.2 gallons per person per day. This is the criteria that was used as basis for the Rockingwall Venue design. The size of the California venue is a 2,500 seated outdoor theater with 45,000 sf of buildings that are used during concerts, 8 restroom facilities, and four kitchens throughout the facility. The Rockingwall venue will be designed to handle up to 5,000 attendees, at a per capita wastewater usage rate of 5.2 gallons and an estimated 70 events per year, that is an average of 5,000 gallons per day. We designed the system to equalize the flow to account for the weekend events and to equalize the flow over the seven days.

Construction of the Rockingwall Venue would anticipate beginning in late 2023 with completion spring of 2025. It is not anticipated that the venue would grow from in capacity from the design that has been provided, this is a single-phase development with a maximum daily capacity of 5,000. If changes would be made in the future, it would not alter the customer capacity only changes to provide customer services.

ATTACHMENT 24
RECHARGE FEATURE PLAN, Rev. 1

Rockingwall Ranch

Recharge Feature Plan, Rev. 1

INTRODUCTION

This Recharge Feature Plan and attachments have been prepared to incorporate information required by the Texas Commission on Environmental Quality (TCEQ) in support of permitting additional Subsurface Area Drip Dispersal System (SADDS). The assessment included review of published geologic data in the vicinity of the site, analysis of high-resolution aerial photographs of the site, and walking and driving across the property in order to identify and observe recharge features as well as other potentially critical environmental features (CEFs). Subsequently, in support of the SADDS permitting additional data sources were reviewed. Databases reviewed include:

- Submitted Drillers Report Database
- TCEQ Water Well Database
- Texas Water Development Board Groundwater Database
- Water Utility Database
- Railroad Commission of Texas
- Natural Resources Conservation Service
- Hays Trinity Groundwater Conservation District

SITE DESCRIPTION AND GEOLOGY

The site is located in Hays County on the north side of Fitzhugh Road, east of the intersection of Crumley Ranch and Trautwein Roads. The site address is 14820 Fitzhugh Road, Dripping Springs, Hays County, Texas. The SADDS will be constructed in one Phase. The site is located within the Edwards Aquifer Contributing Zone. The site overlies the Trinity Aquifer. Most wells located in the site vicinity are likely completed in the Trinity Aquifer.

According to the Geologic Atlas of Texas, Austin Sheet, this site is located on the Upper Glen Rose (Kgr(u)) formation. The official description of the Glen Rose is:

> "Glen Rose Limestone, Kgr, limestone, dolomite, and marl in alternating resistant and recessive beds forming stairstep topography; limestone, aphanitic to fine-grained, hard to soft and marly, light-gray to yellowish-gray; dolomite, fine-grained, porous, yellowish-brown; marine megafossils include molluscan steinkerns, rudistids, oysters, and echinoids; upper part relatively thinner bedded, more dolomitic and less fossiliferous than lower part, thickness about 220 feet; lower part more massive and about 160 feet thick, includes at top Corbula Bed, C, with abundant steinkerns of Corbula harveyi (Hill) in an interval up to 5 feet thick; thickness of Glen Rose in eastern area 380+/- feet, feathers out toward Llano Uplift[1]."

[1] Bureau of Economic Geology, 1974, Austin Sheet, Geologic Atlas of Texas, University of Texas

We researched the site and surrounding area to identify recharge features such as caves, sinkholes, faults, fractures, or other permeable features that could potentially serve as recharge features. Our findings indicated that no such features were present, other than on old manmade stock tank that no longer held water. During the construction process, this stock tank will be regraded and will not be capable of retaining water as a tank or feature. If any additional features are encountered during future field investigations or during construction we will ensure that the appropriate setbacks are maintained.

The drainage from the site and surrounding areas flows generally from south to north towards Barton Creek.

There were no wells mapped on the subject tract in a review of the public databases, however, during some site brush clearing, a well was discovered and was subsequently plugged (see attached plugging report) and during a subsequent site visit, it was noted that a possible hand dug well, that may be considered a recharge feature was located in thew southern portion of the tract, not within any proposed SADDS areas. These were not identified in the well searches, so they are not included in the well report, however, we have attached the updated well list and map. The owner will have the unplugged feature evaluated and it will be properly plugged, by a licensed well driller in accordance with State law, if necessary. During our well database search, several wells were located within the site vicinity (within ½ mile of the site). All of the area wells are greater than 150' from the SADDS site if they are not public water supply wells and greater than 500' from the SADDS site if they are public water supply wells.

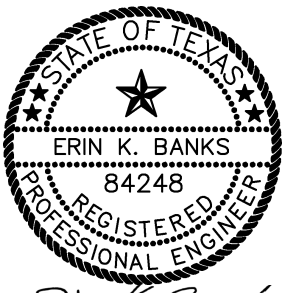
GROUNDWATER

The water bearing formations beneath the site are within the Trinity Aquifer. Based upon a review of the wells in the site vicinity the water wells appear to be used for domestic purposes or irrigation. Driller's logs in the area indicate that that water levels in the area range from over 350' below ground surface (bgs) to over 600' bgs. Access to measure current water levels in the existing private wells was not possible. The driller's reports for the on-site and one mile radius off-site water wells are provided at the end of this report. Based upon data from other area groundwater districts the groundwater gradient appears to flow from west to east in the site vicinity.

PREVENTATIVE MEASURES

Buffer zones from the SADDS will be maintained in order to prevent impacts to potential recharge features, existing and future water wells (although there are no wells currently on the property that have not been properly plugged, other than the possible hand dug well and the future water well planned to be constructed on the site will maintain the appropriate setbacks), CEFs, creekbeds, and other drainageways. CEFs were considered to be karst features, bluffs, canyon rim rocks, caves, sinkholes, springs, and wetlands. Appropriate buffer zones (i.e. setbacks) as defined in §222.81(a) are met under the existing site conditions, including the proposed SADDS. These setbacks include a minimum 150 feet to existing on-site and off-site private water wells. The setback will be a minimum of 500 feet to existing on-site and off-site

public water supply wells. There are also setbacks from creeks as prescribed in Chapter 222. The appropriate setback from any surface waters will be maintained.



Erin K Banks

1/23/23

ROCKINGWALL
ATTACHMENT 19
WELL DATA

MapID	Mail_Address	Mail_City	Mail_State	Mail_Zip	Source	Water_Usage	Date_Drill	Depth_Drill	CAD_Number	Static Level (ft bgs)	Producing	Open, cased, capped, or plugged	Proposed Best Management Practices
1	24418 LOIS LN	SPICEWOOD	TX	78669	SDRD	DOMESTIC	04/06/2006	50	R167372	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
2	15000 FITZHUGH RD	AUSTIN	TX	78736	SDRD	DOMESTIC	10/03/2005	720	R13170	180	UNKNOWN	CASED	Maintain Approriate Setbacks
3	11607 CRUMLEY RANCH RD	AUSTIN	TX	78736	SDRD	DOMESTIC	11/24/2009	100	R13191	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
4	16812 BROOMWEED CV	AUSTIN	TX	78738-4085	SDRD	DOMESTIC	11/20/2002	50	R167371	407.6	UNKNOWN	CASED	Maintain Approriate Setbacks
5	15309 FITZHUGH RD	DRIPPING SPRINGS	TX	78620-5017	SDRD	DOMESTIC	11/20/2002	660	R27578	400	UNKNOWN	OPEN	Maintain Approriate Setbacks
6	15310 FITZHUGH RD	DRIPPING SPRINGS	TX	78620-5001	SDRD	DOMESTIC	03/14/2014	10	R27570	448	UNKNOWN	OPEN	Maintain Approriate Setbacks
7	12225 TRAUTWEIN RD	AUSTIN	TX	78737-9365	SDRD	DOMESTIC	09/26/2012	10	R13193	491	UNKNOWN	OPEN	Maintain Approriate Setbacks
8	11914 FITZHUGH CORS	DRIPPING SPRINGS	TX	78620-5018	TCEQ	DOMESTIC	06/03/1986	560	R27558	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
8	11914 FITZHUGH CORS	DRIPPING SPRINGS	TX	78620-5018	TCEQ	DOMESTIC	06/03/1986	520	R27558	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
8	11914 FITZHUGH CORS	DRIPPING SPRINGS	TX	78620-5018	SDRD	DOMESTIC	12/08/2014	750	R27558	521.6	UNKNOWN	CASED	Maintain Approriate Setbacks
8	11914 FITZHUGH CORS	DRIPPING SPRINGS	TX	78620-5018	TCEQ	DOMESTIC	07/27/1986	500	R27558	235	UNKNOWN	CASED	Maintain Approriate Setbacks
9	150 HANNAH DR	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	06/15/2012	10	R94303	533	UNKNOWN	OPEN	Maintain Approriate Setbacks
9	150 HANNAH DR	DRIPPING SPRINGS	TX	78620	TWDB	DOMESTIC	06/15/2012	770	R94303	533	UNKNOWN	OPEN	Maintain Approriate Setbacks
10	12101 FITZHUGH PLACE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	09/02/2011	755	R27583	595	UNKNOWN	CASED	Maintain Approriate Setbacks
11	460 HANNAH DR	DRIPPING SPRINGS	TX	78620-5148	SDRD	DOMESTIC	06/27/2019	50	R94308	530	UNKNOWN	CASED	Maintain Approriate Setbacks
12	14909 FITZHUGH RD	AUSTIN	TX	78736	SDRD	DOMESTIC	04/12/2006	50	R151581	394.6	UNKNOWN	CASED	Maintain Approriate Setbacks
13	12230 PAULS VALLEY RD	AUSTIN	TX	78737-8702	SDRD	DOMESTIC	07/25/2012	50	R12857	364	UNKNOWN	CASED	Maintain Approriate Setbacks
14	213 HANNAH DR	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	01/18/2005	750	R94318	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
15	12230 PAULS VALLEY RD	AUSTIN	TX	78737-8702	SDRD	STOCK	10/19/2011	50	R12853	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
16	321 HANNAH DR	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	06/07/2005	770	R94316	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
17	4161 E HWY 290 STE 100	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	11/01/1992	730	R27551	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
17	4161 E HWY 290 STE 100	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	06/05/2018	100	R27551	563	UNKNOWN	CASED	Maintain Approriate Setbacks
17	4161 E HWY 290 STE 100	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	11/05/1992	485	R27551	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
18	11400 CRUMLEY RANCH RD	AUSTIN	TX	78738-7073	TCEQ	DOMESTIC	06/23/1998	755	310845	300	UNKNOWN	OPEN	Maintain Approriate Setbacks
19	493 FRONTERA RANCH CV	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	11/29/2007	50	R118545	509.6	UNKNOWN	CASED	Maintain Approriate Setbacks
20	15425 FITZHUGH RD	DRIPPING SPRINGS	TX	78750	SDRD	DOMESTIC	06/23/2004	30	R13196	386	UNKNOWN	CASED	Maintain Approriate Setbacks
21	418 FRONTERA RANCH CV	DRIPPING SPRINGS	TX	78620-2211	SDRD	DOMESTIC	02/25/2019	50	R118542	569	UNKNOWN	CASED	Maintain Approriate Setbacks
22	11601 HWY 290 W STE A101 #309	AUSTIN	TX	78737	SDRD	DOMESTIC	08/25/2008	660	R125979	360	UNKNOWN	CASED	Maintain Approriate Setbacks
23	456 FRONTERA RANCH CV	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	03/10/2009	805	R118546	360	UNKNOWN	CASED	Maintain Approriate Setbacks
24	12099 BONHAM RANCH RD	DRIPPING SPRINGS	TX	78620-5127	SDRD	DOMESTIC	06/18/2004	40	R94323	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
25	364 FRONTERA RANCH CV	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	10/20/2009	60	R118539	540	UNKNOWN	CASED	Maintain Approriate Setbacks
26	12330 PAULS VALLEY RD	AUSTIN	TX	78737-9591	SDRD	DOMESTIC	03/25/2020	50	310837	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
27	10900 CRUMLEY RANCH RD	AUSTIN	TX	78738-6002	TCEQ	DOMESTIC	08/19/1988	400	103147	240	UNKNOWN	CASED	Maintain Approriate Setbacks
27	10900 CRUMLEY RANCH RD	AUSTIN	TX	78738-6002	TWDB	DOMESTIC	03/18/1964	287	103147	217	UNKNOWN	OPEN	Maintain Approriate Setbacks
28	306 FRONTERA RANCH CV	DRIPPING SPRINGS	TX	78620-5309	SDRD	DOMESTIC	11/04/2004	30	R118538	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
28	306 FRONTERA RANCH CV	DRIPPING SPRINGS	TX	78620-5309	TWDB	DOMESTIC	11/04/2004	770	R118538	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
29	12319 TRIPLE CREEK RANCH	DRIPPING SPRINGS	TX	78620-3714	SDRD	DOMESTIC	01/13/2006	13	R60854	424	UNKNOWN	OPEN	Maintain Approriate Setbacks
30	12330 PAULS VALLEY RD	AUSTIN	TX	78737-9591	SDRD	DOMESTIC	04/25/2016	50	310839	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
31	15601 FITZHUGH RD	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	07/27/2016	60	R27549	496.7	UNKNOWN	CASED	Maintain Approriate Setbacks
32	11355 Bonham Ranch RD UNIT A	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	05/09/2018	100	R168141	587	UNKNOWN	CASED	Maintain Approriate Setbacks
33	381 FRONTERA RANCH RD	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	11/06/2004	770	R118540	505	UNKNOWN	CASED	Maintain Approriate Setbacks
33	381 FRONTERA RANCH RD	DRIPPING SPRINGS	TX	78620	TWDB	DOMESTIC	11/06/2004	770	R118540	505	UNKNOWN	CASED	Maintain Approriate Setbacks
34	12345 TRIPLE CREEK CIR	DRIPPING SPRINGS	TX	78620-3714	TCEQ	DOMESTIC	07/08/1999	630	R60858	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
35	12027 BONHAM RANCH RD	DRIPPING SPRINGS	TX	78620-5127	SDRD	DOMESTIC	04/18/2005	750	R94325	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
36	12155 BONHAM RANCH RD	DRIPPING SPRINGS	TX	78620-5024	SDRD	DOMESTIC	05/04/2007	50	R94322	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
37	12230 PAULS VALLEY RD	AUSTIN	TX	78737-8702	SDRD	DOMESTIC	06/10/2013	100	R12852	361	UNKNOWN	CASED	Maintain Approriate Setbacks
38	13306 WHITE TAIL TRL	AUSTIN	TX	78736-7403	TWDB	UNUSED	02/22/1972	420	380534	170	UNKNOWN	CASED	Maintain Approriate Setbacks
39	12417 TRIPLE CREEK DR	DRIPPING SPRINGS	TX	78620-3743	SDRD	DOMESTIC	05/04/2016	50	R60862	465	UNKNOWN	CASED	Maintain Approriate Setbacks
40	PO BOX 92303	AUSTIN	TX	78709-2303	SDRD	DOMESTIC	05/10/2006	20	R37935	280	UNKNOWN	OPEN	Maintain Approriate Setbacks
41	12350 PAULS VALLEY RD	AUSTIN	TX	78737	SDRD	DOMESTIC	03/26/2020	50	R37910	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
42	262 E FRONTERA CV	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	08/07/2010	120	R118537	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
43	12338 TRIPLE CREEK DR	DRIPPING SPRINGS	TX	78620-3700	TCEQ	DOMESTIC	03/03/2000	740	R60841	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
44	12225 TRIPLE CREEK CIR	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	05/29/2000	10	R60851	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
45	12330 PAULS VALLEY RD	DRIPPING SPRINGS	TX	78737-9591	SDRD	DOMESTIC	08/20/2014	50	R136080	462	UNKNOWN	CASED	Maintain Approriate Setbacks
46	11201 BONHAM RANCH RD UNIT 14	DRIPPING SPRINGS	TX	78620-5156	TCEQ	DOMESTIC	10/05/2002	810	103175	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
47	12221 TRIPLE CREEK CIR	DRIPPING SPRINGS	TX	78620-3745	TCEQ	DOMESTIC	06/30/1998	670	R60850	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
48	12500 TRIPLE CREEK DR	DRIPPING SPRINGS	TX	78620-3744	SDRD	DOMESTIC	05/10/2005	710	R60873	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
49	9550 125TH ST	SEMINOLE	FL	33772	SDRD	DOMESTIC	08/15/2013	50	R150304	385	UNKNOWN	CASED	Maintain Approriate Setbacks
50	12315 TRIPLE CREEK DR	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	07/07/1997	640	R60843	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
51	12414 TRIPLE CREEK DR	DRIPPING SPRINGS	TX	78620-3743	SDRD	DOMESTIC	01/11/2005	50	R60874	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
51	12414 TRIPLE CREEK DR	DRIPPING SPRINGS	TX	78620-3743	TCEQ	DOMESTIC	09/16/1997	680	R60874	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
52	12410 TRIPLE CREEK DRIVE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	06/23/2006	100	R60875	513.6	UNKNOWN	CASED	Maintain Approriate Setbacks
53	15800 FITZHUGH RD	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	01/22/2014	10	R94173	562	UNKNOWN	OPEN	Maintain Approriate Setbacks
54	12215 TRIPLE CREEK DR	DRIPPING SPRINGS	TX	78620-3745	SDRD	IRRIGATION	11/11/2017	100	R60849	522	UNKNOWN	CASED	Maintain Approriate Setbacks
55	5013 CASCADE DRIVE	CORPUS CHRISTI	TX	78413	SDRD	DOMESTIC	12/13/2006	800	R19135	550	UNKNOWN	CASED	Maintain Approriate Setbacks
55	5013 CASCADE DR	CORPUS CHRISTI	TX	78413	TCEQ	DOMESTIC	12/05/1987	470	R19135	320	UNKNOWN	OPEN	Maintain Approriate Setbacks
56	11201 BONHAM RANCH RD #9	DRIPPING SPRINGS	TX	78620-5156	SDRD	DOMESTIC	08/04/2006	30	724577	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
57	12000 BONHAM RANCH RD	DRIPPING SPRINGS	TX	78620-5133	TCEQ	DOMESTIC	06/21/1999	800	R92089	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
58	12204 TRIPLE CREEK CIR	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	02/28/2000	800	R60838	367	UNKNOWN	CASED	Maintain Approriate Setbacks

ROCKINGWALL
ATTACHMENT 19
WELL DATA

59	11355 BONHAM RANCH RD UNIT D	DRIPPING SPRINGS	TX	78620-5386	SDRD	DOMESTIC	11/28/2014	50	R143998	497	UNKNOWN	CASED	Maintain Approriate Setbacks
60	12209 TRIPLE CREEK CIR	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	03/14/2005	50	R60848	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
61	12322 TRIPLE CREEK DR	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	05/27/200	10	R60878	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
62	12300 TRIPLE CREEK DR	DRIPPING SPRINGS	TX	78620-3760	TCEQ	DOMESTIC	10/31/1997	700	R60881	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
63	12201 TRIPLE CREEK CIR	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	08/11/2004	680	R60846	460	UNKNOWN	CASED	Maintain Approriate Setbacks
64	11356 BONHAM RANCH RD	DRIPPING SPRINGS	TX	78620-5021	SDRD	DOMESTIC	03/10/2005	790	R90762	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
65	12450 PAUL'S VALLEY RD	AUSTIN	TX	78737	SDRD	DOMESTIC	11/22/2016	50	R37915	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
66	12208 TRIPLE CREEK DR	DRIPPING SPRINGS	TX	78620-3704	SDRD	DOMESTIC	08/27/2006	100	R60884	323	UNKNOWN	OPEN	Maintain Approriate Setbacks
67	11201 BONHAM RANCH RD #10	DRIPPING SPRINGS	TX	78620-5156	SDRD	DOMESTIC	07/22/2005	780	103179	680	UNKNOWN	CASED	Maintain Approriate Setbacks
68	12200 TRIPLE CREEK DR	DRIPPING SRPINGS	TX	78620	SDRD	DOMESTIC	07/19/2006	100	R60885	478.2	UNKNOWN	CASED	Maintain Approriate Setbacks
69	10418 CRUMLEY RANCH RD	AUSTIN	TX	78738-6006	SDRD	DOMESTIC	06/21/2011	10	103116	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
70	11398 BONHAM RANCH RD	DRIPPING SPRINGS	TX	78620-5021	TCEQ	DOMESTIC	06/18/2002	780	R92390	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
71	200 HUDSON LN	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	09/04/2004	50	R96180	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
72	2107 BALTUSROL DR	AUSTIN	TX	78747-1201	TWDB	NOT REPORTED	10/10/2018	NOT REPORTED	103159	NOT REPORTED	UNKNOWN	NOT REPORTED	Maintain Approriate Setbacks
73	14280 Fitzhugh Road	Austin	TX	78736	Site Visit	Not Used	Unknown	300	13157	NOT REPORTED	No	Plugged	Maintain Approriate Setbacks
74	14280 Fitzhugh Road	Austin	TX	78736	Site Visit	Not Used	Unknown	Hand Dug	13157	Not Reported	No	To Be Plugged	Maintain Approriate Setbacks

STATE OF TEXAS PLUGGING REPORT for Tracking #211155

Owner:	**Dakota Smith**	Owner Well #:	**No Data**
Address:	**14820 Fitzhugh Road Austin, TX 78736**	Grid #:	**57-56-3**
Well Location:	**14820 Fitzhugh Road Austin, TX 78736**	Latitude:	**30° 14' 37.77" N**
		Longitude:	**098° 01' 20.11" W**
Well County:	**Hays**	Elevation:	**No Data**

Well Type: **Unknown**

Drilling Information

Company: **No Data** Date Drilled: **No Data**

Driller: **No Data** License Number: **No Data**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**6.25**	**0**	**300**

Plugging Information

Date Plugged: **8/19/2021** Plugger: **Frank Glass**

Plug Method: **Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet**

Casing Left in Well:

Dia (in.)	*Top (ft.)*	*Bottom (ft.)*
5	**1**	**20**

Plug(s) Placed in Well:

Top (ft.)	*Bottom (ft.)*	*Description (number of sacks & material)*
1	**300**	**30 cement, 15 Gel, 30 holeplug Bags/Sacks**

Certification Data: The driller certified that the driller plugged this well (or the well was plugged under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the reports(s) being returned for completion and resubmittal.

Company Information: **Associated Drilling Inc**

PO Box 673
Dripping Springs, TX 78620

Driller Name: **Frank Glass** License Number: **1313**

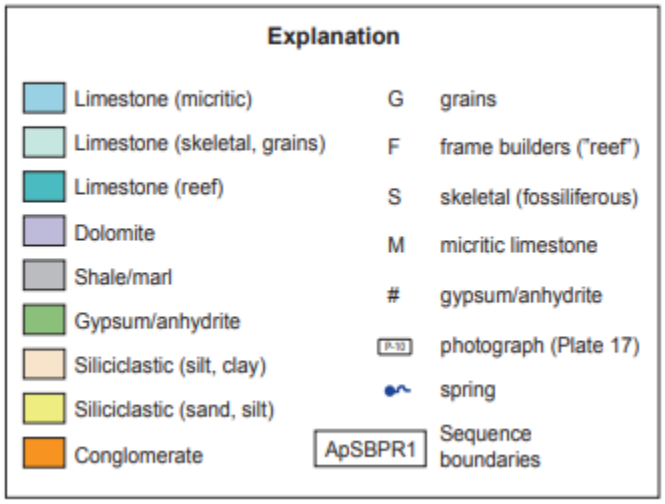
Comments: **more cement & gel & chips than required fractor.**

ROCKINGWALL TLAP
GROUNDWATER QUALITY REPORT

The Rockingwall Ranch project is located on Fitzhugh Road, east of Crumley Ranch and Trautwein Road intersection, east of the City of Dripping Springs in Hays County, Texas. The site overlies the Upper Glenrose (geologic) Formation (Kgru) and the Trinity Aquifer. The Trinity Aquifer is a major water source for Central Texas residents. The following information was obtained from the Hays Trinity Groundwater Conservation website[1] and discusses the geology, hydrogeology and chemical constituents within the groundwater.

The Upper Glenrose Formation is described as "Nodular, micritic limestone, argillaceous with skeletal clasts and interbedded marl, dolomite, and minor evaporite near the base[2]." The surface soils at the site consist of clays and some alluvial materials. See below for the Stratigraphic Column[3].

The water bearing formation beneath the site is the Trinity Aquifer. The Trinity Aquifer is the source for most of the wells in the vicinity of the site. Over 70 wells were identified within one mile of the property boundary. None were located within the setbacks required from wells to SADDS areas. Most groundwater levels range from approximately over 350 to over 600 feet below ground surface. In the Trinity Aquifer in the site vicinity and the saturated thickness is 100 to 200 feet. The gradient for the groundwater flow in the Trinity Aquifer in the site vicinity is generally good, with some instances of high total dissolved solids (TDS), greater than 1,000 mg/l.

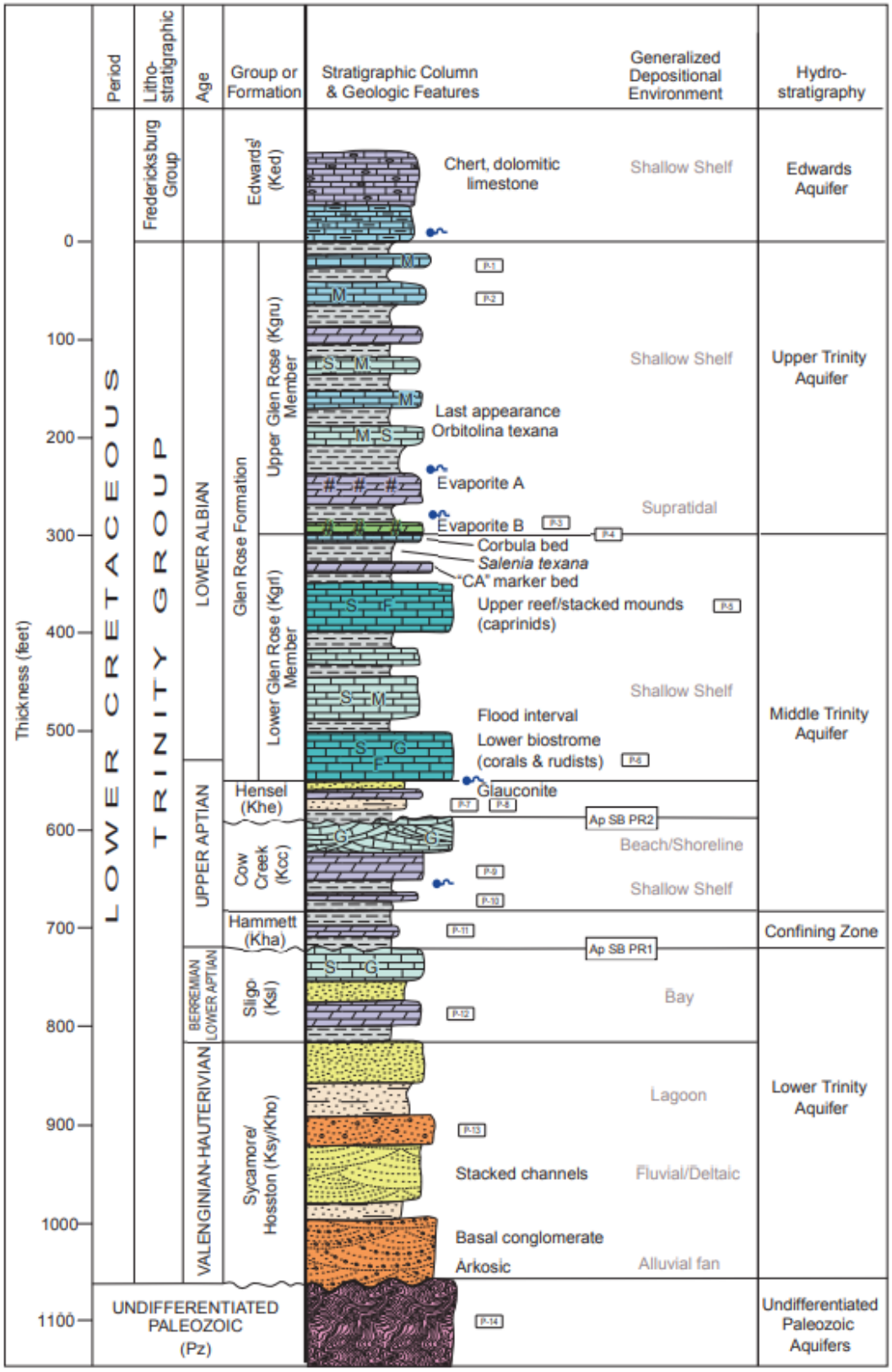


[1] Hays Trinity Groundwater Conservation, http://www.haysgroundwater.com, May 15, 2018

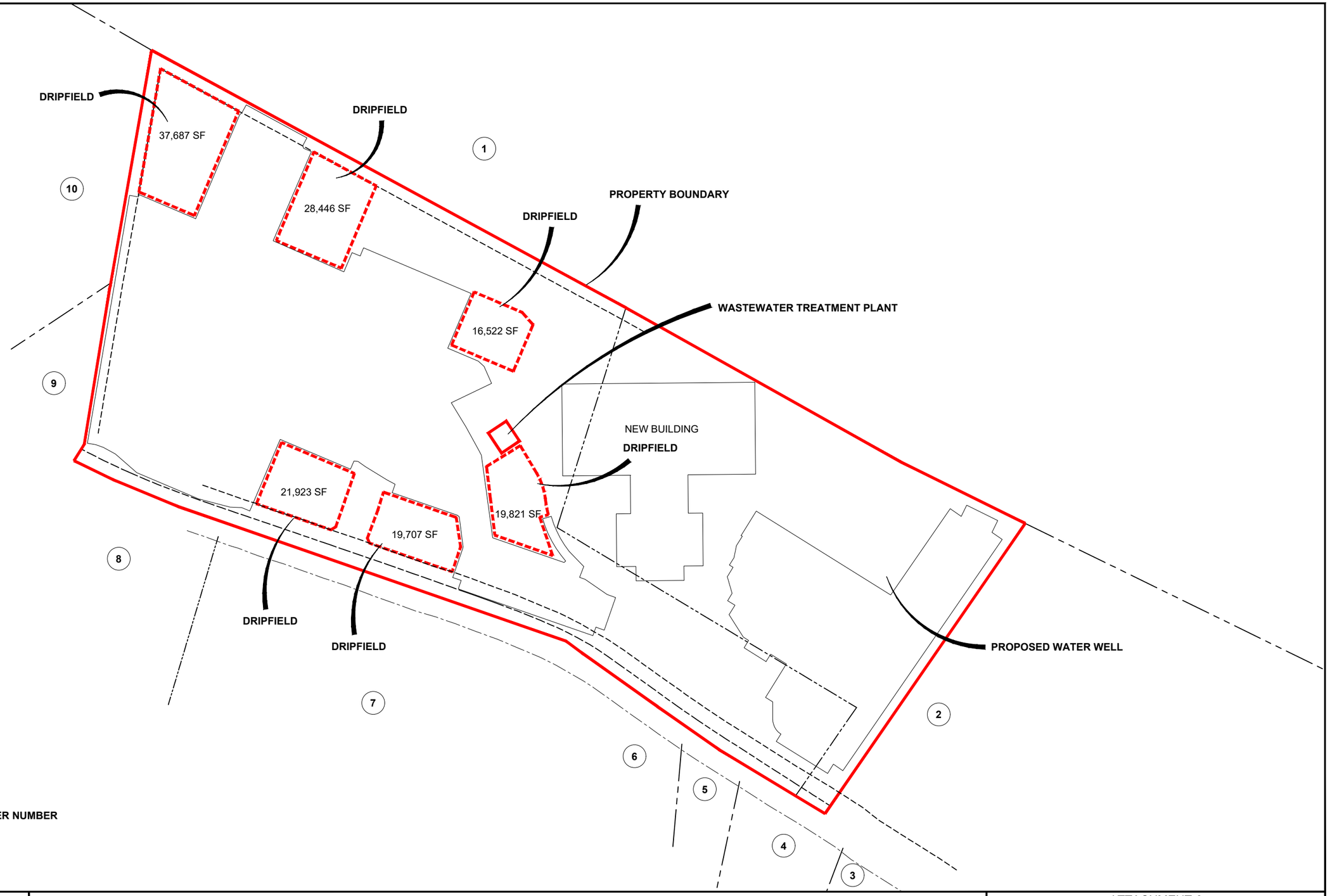
[2] Bureau of Economic Geology, 1974, Austin Sheet, Geologic Atlas of Texas, University of Texas

[3] Hydrogeologic atlas of the Hill Country Trinity Aquifer, Blanco, Hays and Travis Counties, Central Texas

2-1 Stratigraphic Column



There were no recharge feature identified at the site in the vicinity of the proposed effluent disposal areas, other than an old, manmade stock pond that no longer holds water. The former stockpond will be regraded during construction and the grading will prevent the area from holding stormwater runoff or having groundwater surface in this area. The clay soils underlying the site are sufficient to restrict the migration of the treated effluent from the surface soils to the water bearing formation of the Trinity Aquifer. The effluent will be stored in TCEQ approved steel storage tanks designed and constructed in accordance with TCEQ design requirements. Therefore, it is unlikely that the effluent, from either the dripfields or the storage tank will impact the groundwater quality in Trinity Aquifer.

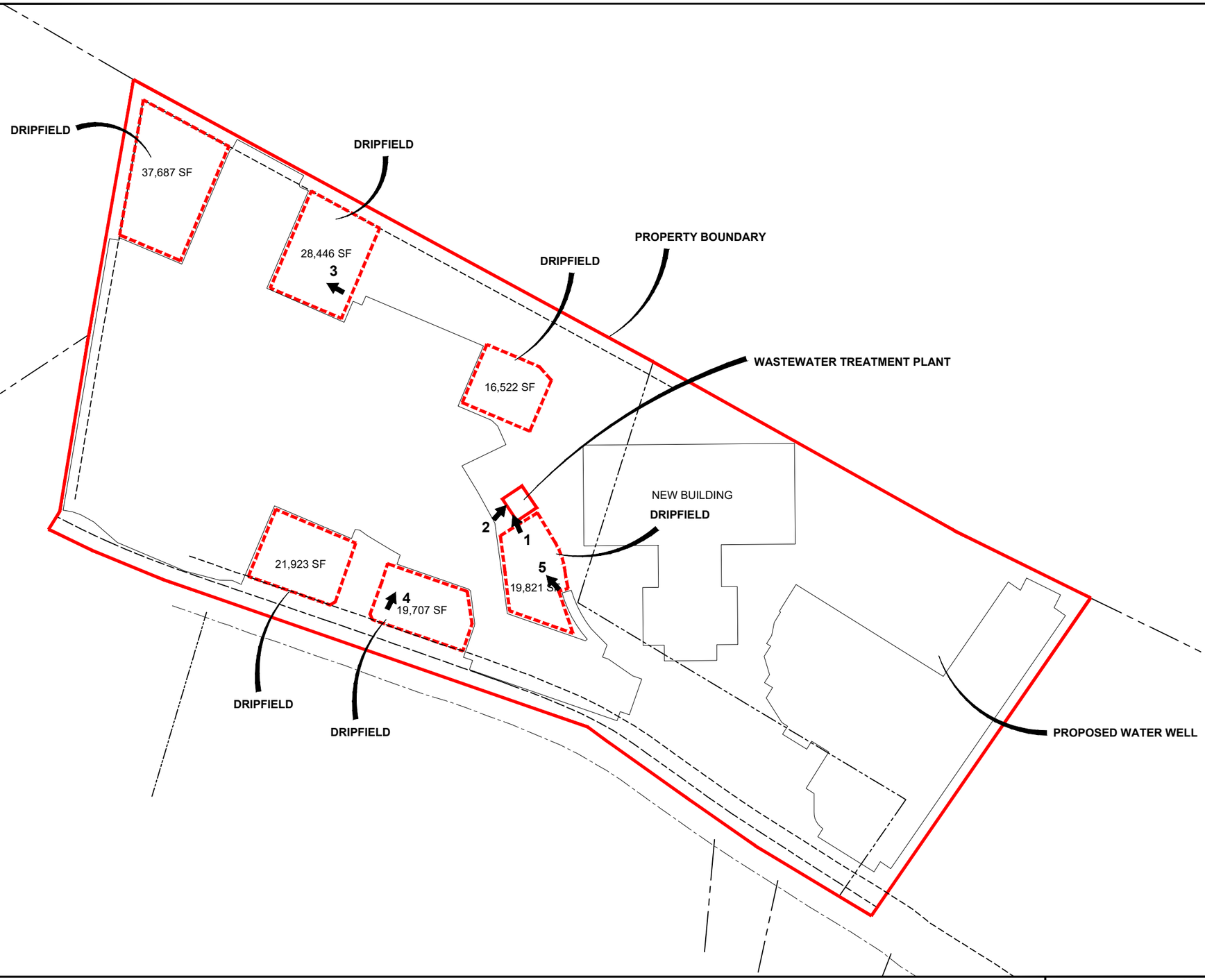


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200 0 100 200 400
1" = 200'

ATTACHMENT-3
AFFECTED LANDOWNER MAP W/ NUMBERS
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

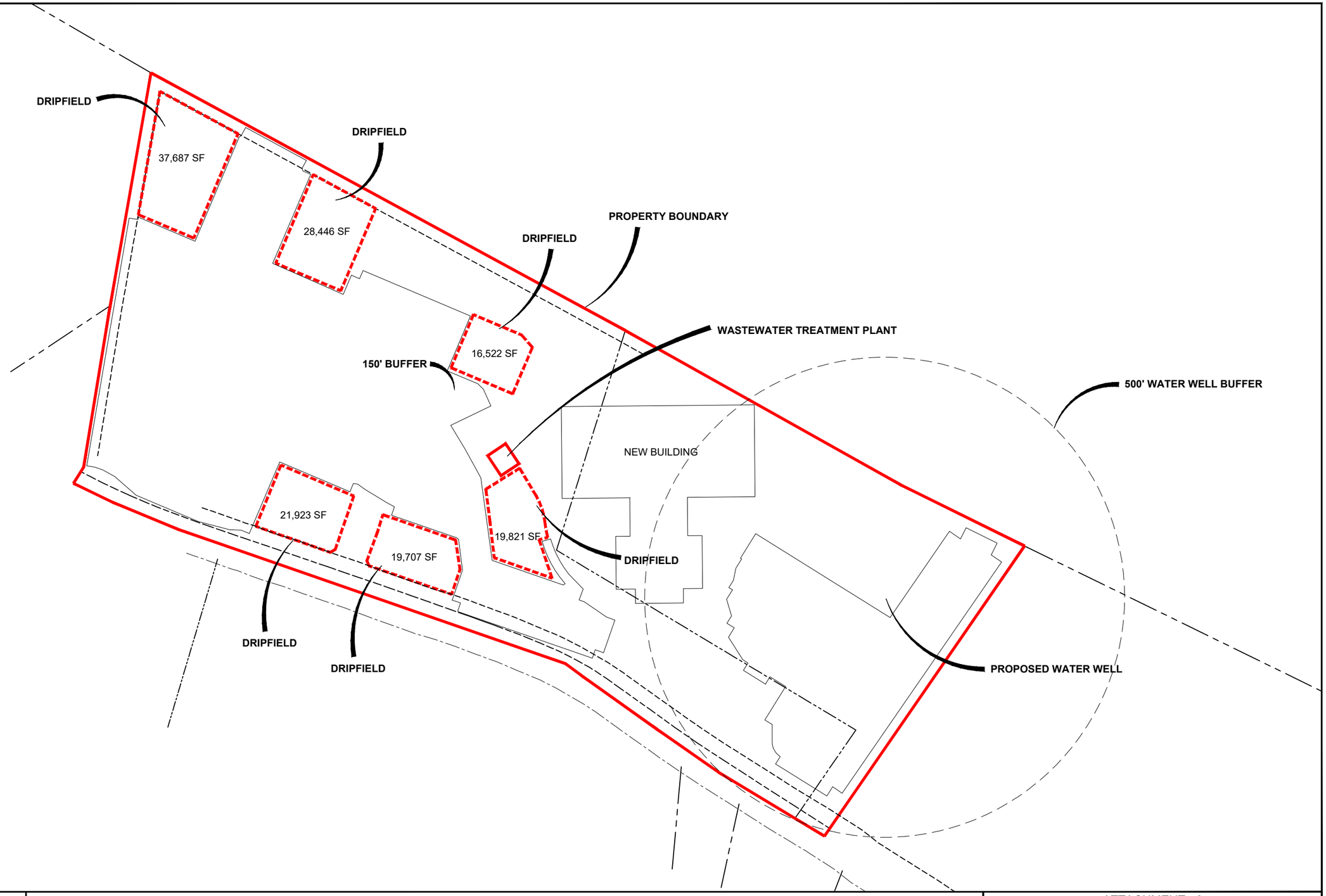
APP000467



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200 0 100 200 400
1" = 200'

ATTACHMENT-7
ORIGINAL PHOTOGRAPHS LOCATION MAP
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS



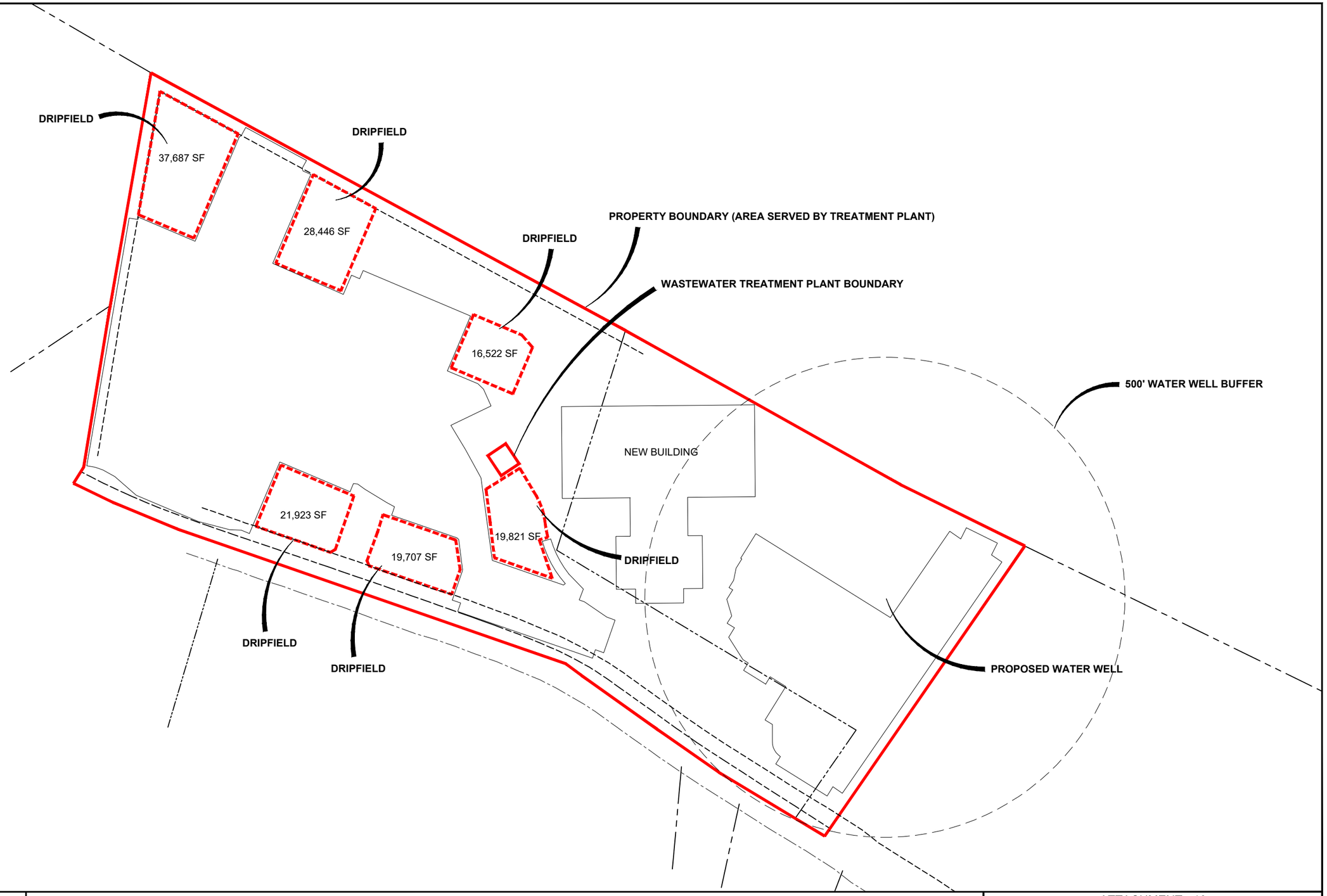
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200 0 100 200 400

1" = 200'

ATTACHMENT - 8
BUFFER ZONE MAP
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

APP000469



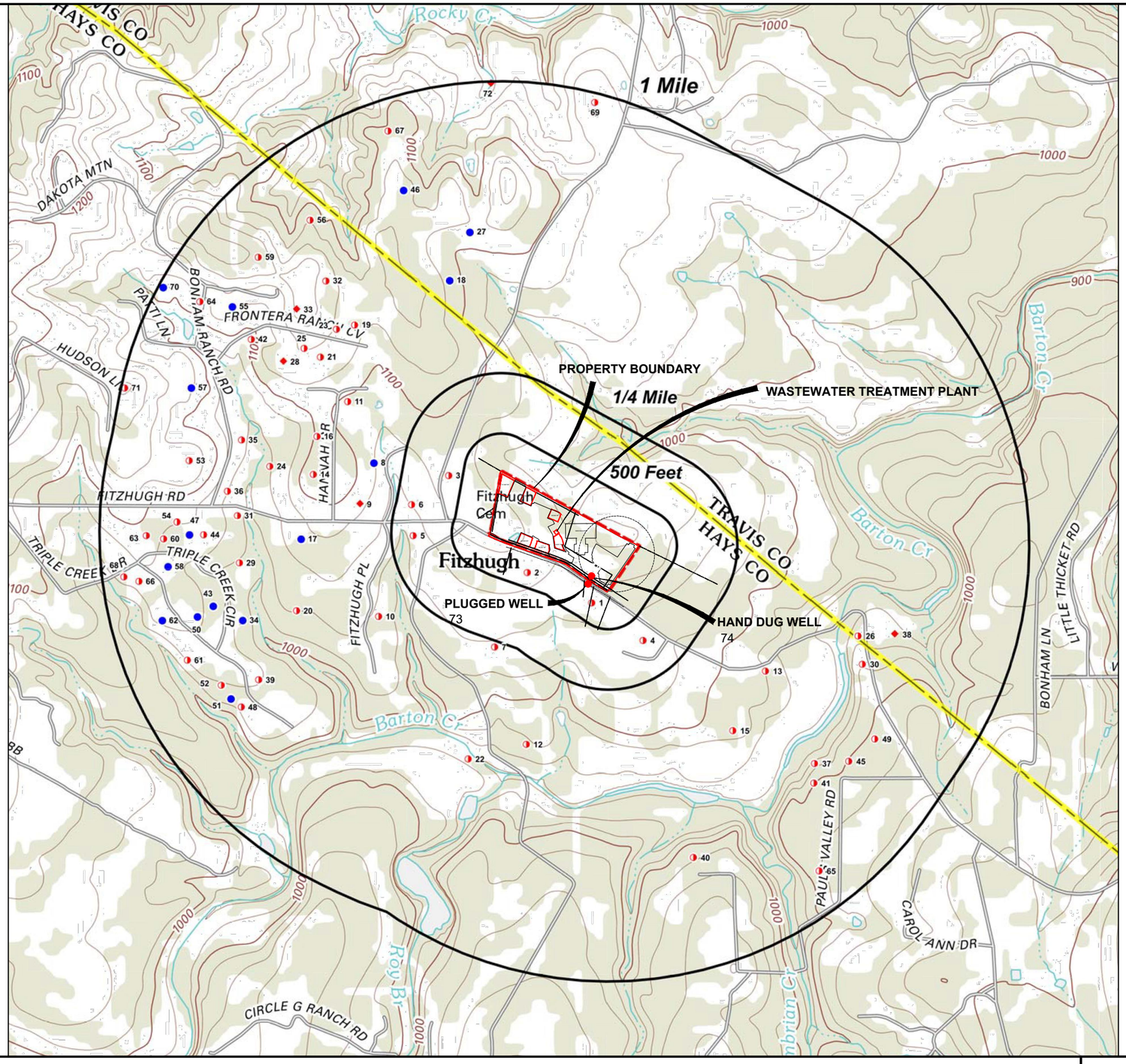
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200 0 100 200 400

1" = 200'

ATTACHMENT - 10
SITE DRAWING
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

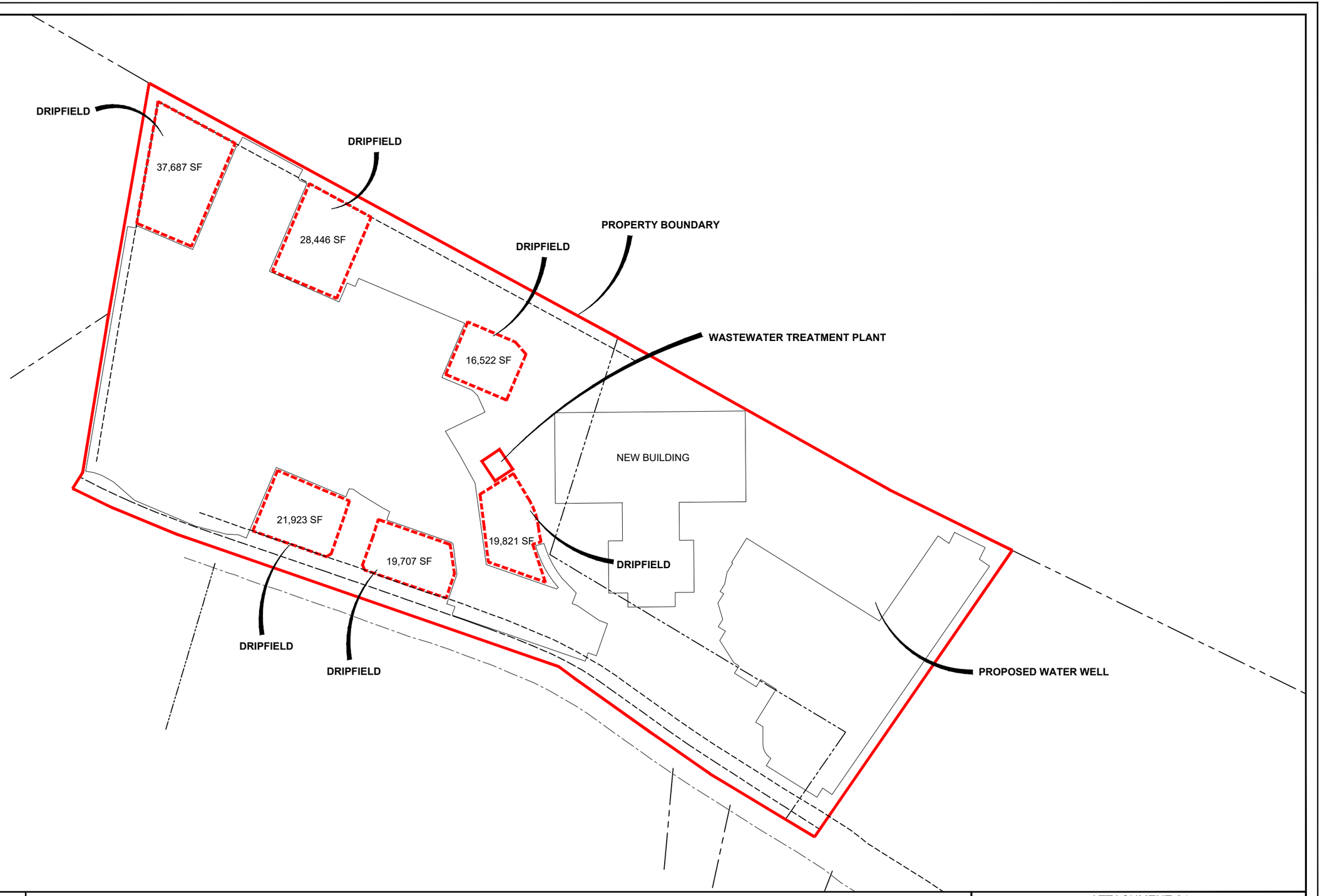
APP000470



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ATTACHMENT-18
WELL MAP
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

APP000471



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200 0 100 200 400

1" = 200'

ATTACHMENT-21
LYSIMETER MAP
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

APP000472

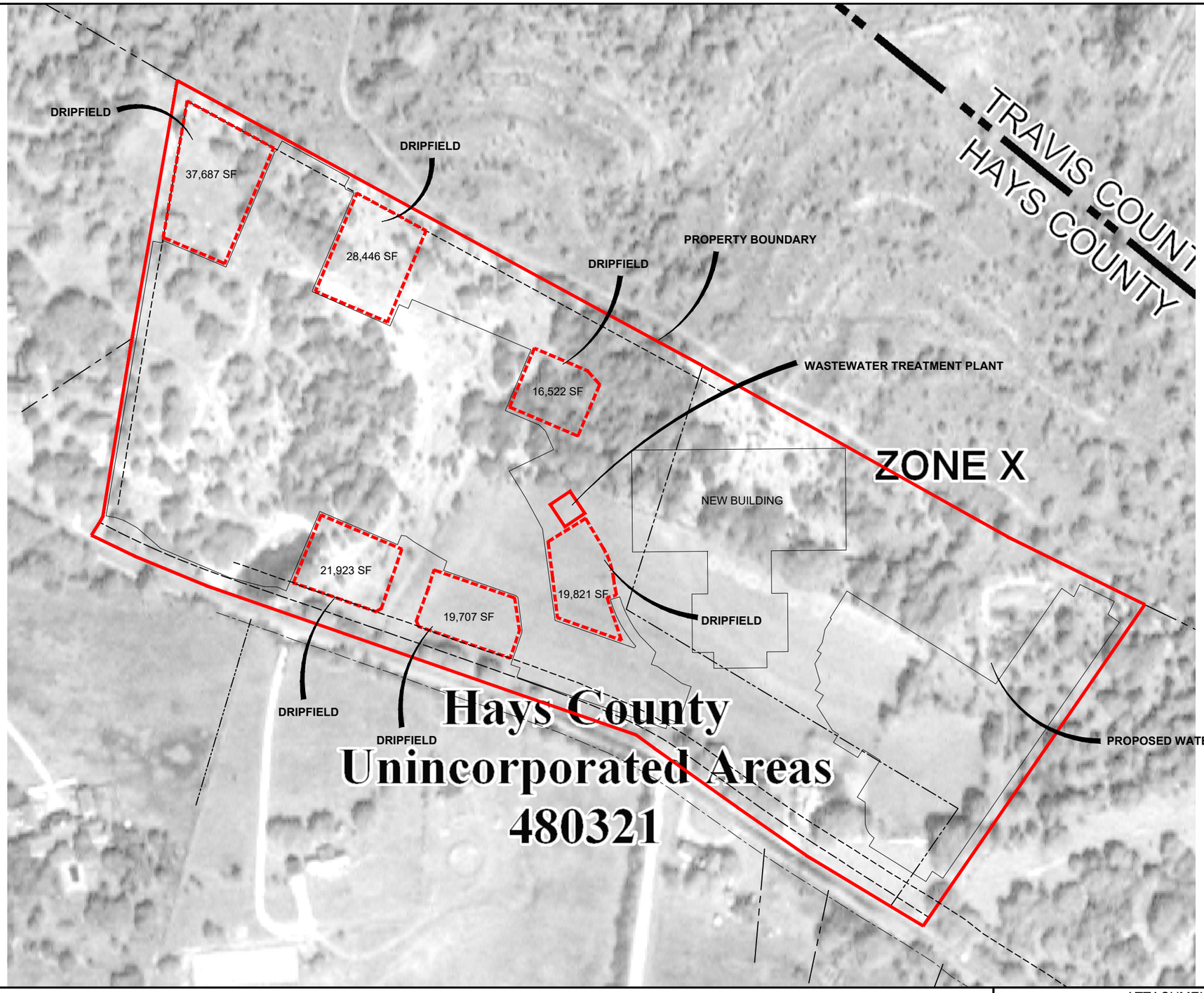
RcD
DRIPFIELD
37,687 SF
DRIPFIELD
28,446 SF
DRIPFIELD
PROPERTY BOUNDARY
BtD
16,522 SF
WASTEWATER TREATMENT PLANT
TaD
BID
Fitzhugh Rd
NEW BUILDING
RcD
21,923 SF
19,707 SF
19,821 SF
DRIPFIELD
DoC
DRIPFIELD
DRIPFIELD
PROPOSED WATER WELL
RcD
DeB

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200 0 100 200 400
1" = 200'

ATTACHMENT-22
SOILS MAP
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

APP000473



NFIP

PANEL 0107F

FIRM

FLOOD INSURANCE RATE MAP

HAYS COUNTY, TEXAS AND INCORPORATED AREAS

PANEL 107 OF 495

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
HAYS COUNTY	480321	0107	F

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
48209C0107F

MAP REVISED
SEPTEMBER 2, 2005

Federal Emergency Management Agency

NATIONAL FLOOD INSURANCE PROGRAM

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F-12009

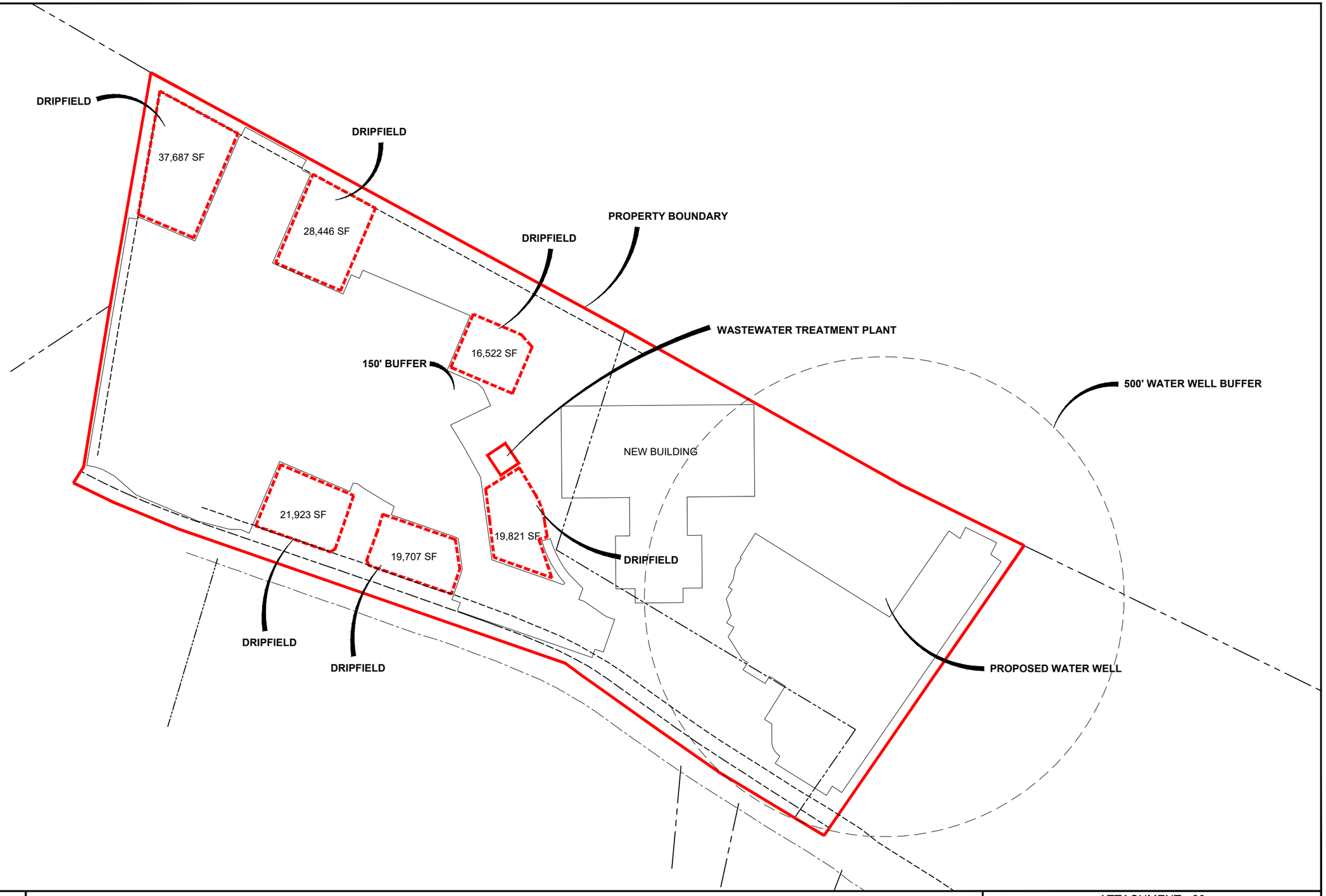
9217 Hwy 290 W., Ste 110
Austin, Texas 78736
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200 0 100 200 400

1" = 200'

ATTACHMENT-28
FEMA MAP
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

APP000474



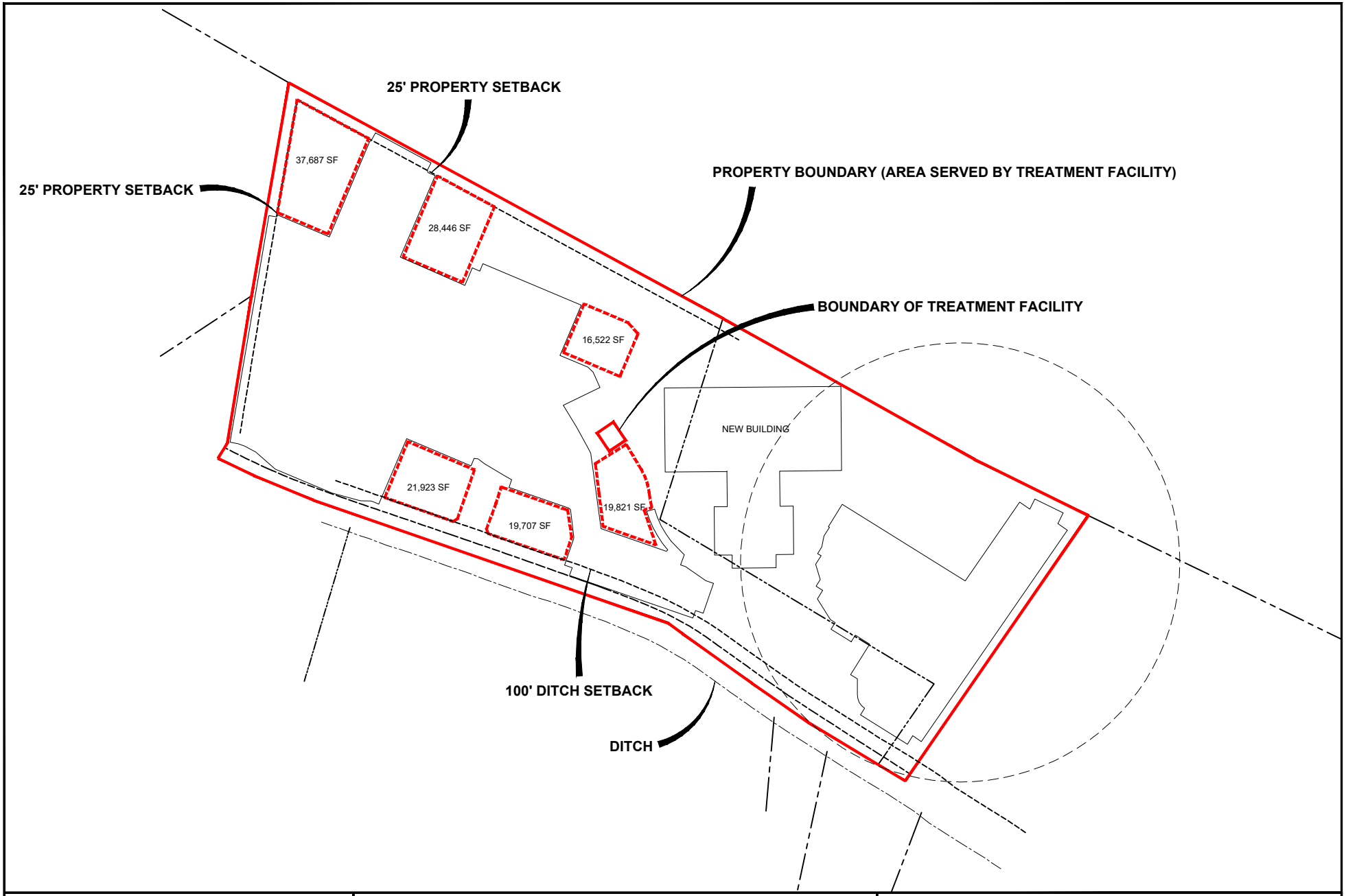
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200 0 100 200 400

1" = 200'

ATTACHMENT - 29
BUFFER ZONE MAP
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

APP000475



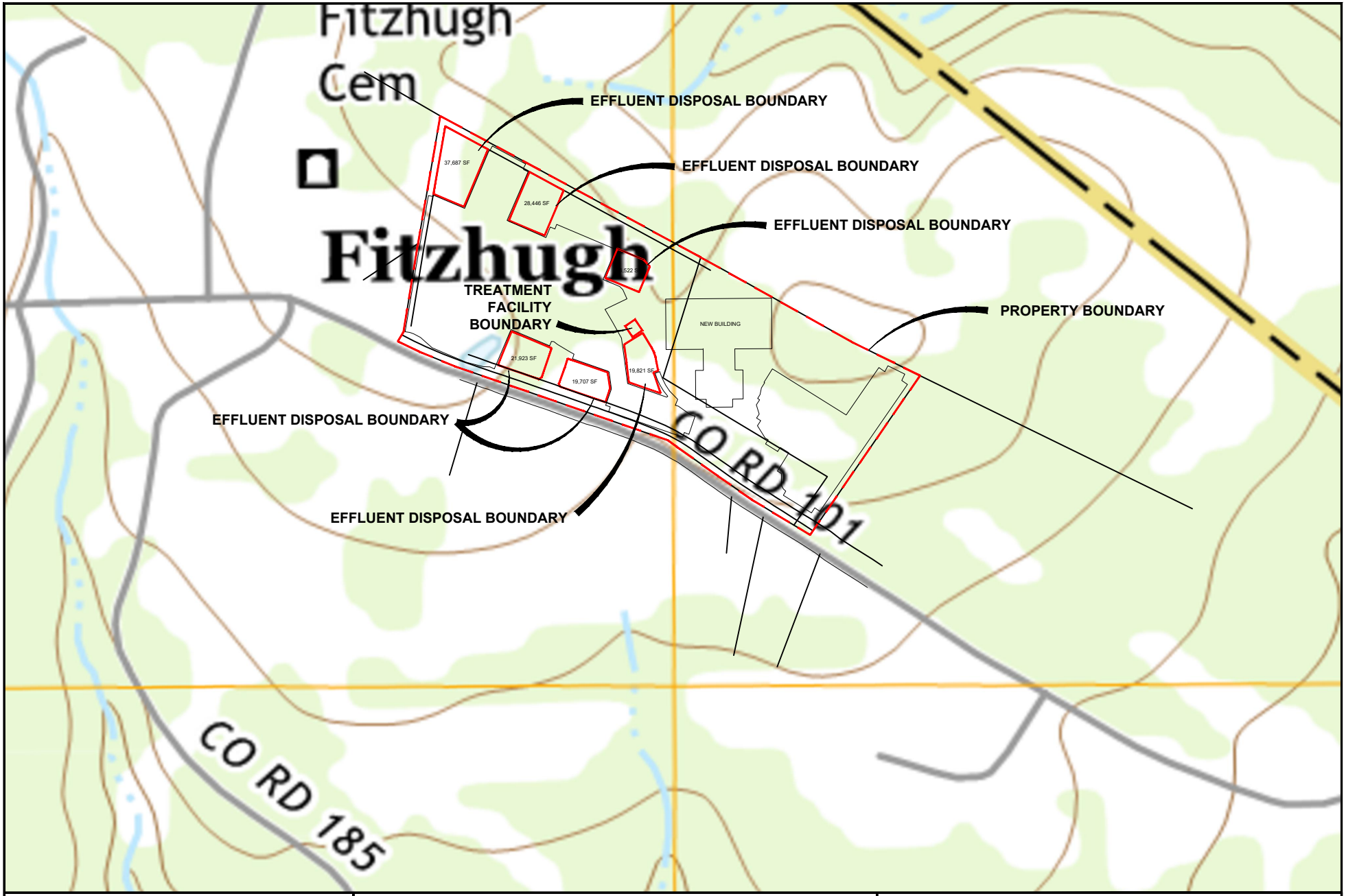
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300 0 150 300 600

1" = 300'

SITE DRAWING
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

APP000476



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500 0 250 500 1000

1" = 500'

ATTACHMENT-2
USGS MAP
ROCKINGWALL
TLAP APPLICATION
DRIPPING SPRINGS, TEXAS

APP000477

ROCKINGWALL RANCH WWTF
PERMIT NO. WQ0016111001
APPLICATION FOR A NEW PERMIT

Please address the following technical deficiencies identified at the public meeting held on November 29, 2022

ADMINISTRATIVE, FLOW JUSTIFICATION, AND TREATMENT UNIT

1. Page 7, item E.1 of the Bilingual Notice Requirements section of Administrative Report 1.0 identfies that there is no bilingual education program at the school nearest to the proposed facility. However, this comment was raised at the public meeting and it appears that this response is incorrect after the Environmental Law Division received confirmation from the engineer who prepared the application. Please submit revised permit application pages to correct this statement and complete the other required items 1-5 in that section, including the public notice verification form.

2. Domestic Technical Report 1.1, Section 1A: Justification of permit need. The Executive Director's staff received a significant number of comments and concerns about the proposed flow of 12,000 gallon per day. After reviewing these comments and the specific site characteristics of the facility, Executive Director's staff have similar concerns that the proposed flow was underestimated for this size of facility. Please provide more specific information about how you estimated the proposed flow for the facility. Revise Section 1A to provide justification for the proposed flows. Provide information such as the size of the development, the date construction on the development is scheduled to begin, the anticipated growth rate of the development, and what flow per unit/person was used to develop the proposed permitted flow. If additional space is needed, submit the justification information as an attachment.

   Estimate the design flow using 30 TAC Chapter 217.32(a)(3)(Table B.1). Otherwise provide the sources for your basis for this estimate. In addition, provide information whether the population growth will allow for the facility to be constructed and operated in the next 5 or 10 years.

3. Domestic Technical Report 1.0, Section 2B: Treatment Units. It appears that the treatment system includes a flow equalization basin (FEB). Please provide more details about the FEB such as sketch, location, buffer zone boundaries, type of material, (i.e., steel tank, fiber glass tank or earthen basin), specifications, and design parameters. Explain how the basin will handle the high variability of wastewater generation during peak hours.

GEOLOGY

The following items were identified by Water Quality Assessment staff during a site visit held with the applicant and its representative prior to the public meeting held November 29, 2022. If any of these items necessitate moving the subsurface area drip dispersal system (SADDS) fields from the locations indicated on the Site Map or modifying acreage, then the applicant must update the permit application, attachments, and required plans in all relevant portions to reflect those changes.

1. The following two items were identified at the site visit that were incorrectly identified as not being present in the submitted Recharge Feature Plan (RFP) and in response to an earlier notice of deficiencies. Please submit a revised RFP to correct inaccuracies and address these features. This RFP must be certified by a Texas licensed professional

engineer or geoscientist. Additionally, the applicant will need to submit revised maps identifying these features and any required setbacks between them and the SADDS fields (e.g. permit application Attachments 8, 10, 21, 22).

a. A roadside ditch is present on the south side of Fitzhugh Rd. This roadside ditch is considered to be a water in the state and per §222.81(a)(3), a minimum buffer of 100 feet is required to be maintained between this feature and the SADDS.

b. A stock tank is present immediately to the west of one of the SADDS fields. This feature is identified as a water feature on the USGS topographic map. The revised RFP must include a proposed best management practice to mitigate any potential impact to surface and groundwater quality from this feature. This feature is considered to be a water in the state. It was communicated to TCEQ during the site visit that the applicant proposes to fill in this feature to grade during construction. Please verify if the feature will be filled in or ensure that there is a minimum setback of 100-feet between this feature and the SADDS field.

2. During the site visit, a probable abandoned hand-dug water well and secondary feature that may or may not be an abandoned water well were identified adjacent to a cistern on the property. The permit application and RFP identified that there are no water wells onsite. Please provide more information about these features in the RFP. If they are wells, please also submit the revised Well Map and Well Table (attachments 18 and 19) required by Domestic Worksheet 3.0 item 6 identifying these features and proposed BMPs.

3. During the site visit it was observed that the topography of the two northern SADDS fields is more steeply sloping towards the north than it appeared from the USGS topographic map. These fields appear to be proposed immediately adjacent to the property boundary. Please setback the fields a minimum distance of 25 feet from the property boundary, or other spacing in accordance with 16 TAC Chapter 76, so that lysimeters can be installed in that buffered area to ensure that no offsite migration of wastewater will occur.

AGRONOMY

1. If the application fields are moved due to a response from any other noted deficiencies, please submit an updated/revised USDA Soil Survey map 9 (Domestic Worksheet 3.0 - Section 8), soil analyses (Domestic Worksheet 3.0 - Section 8), soil evaluation (Domestic Worksheet 3.3 - Section 3), and soil sampling (Domestic Worksheet 3.3 - Section 3). A signed statement may be submitted in lieu of an updated report if the previously submitted information is representative of the new fields.

2. If there are any updates to the flow and subsequently the size of the application fields, please submit the information stated in above deficiency (Agronomy #1) as well as updated Domestic Worksheet 3.0, Section 2 and Domestic Worksheet 3.3, Section 2.

For overall permit related questions, please contact Deba Dutta, P.E at (512) 239-4608 or via email at Deba.Dutta@tceq.texas.gov (preferred). For geology-related questions, please contact April Hoh, P.G. at (512) 239-2567 or via email at April.Hoh@tceq.texas.gov (preferred). For soils/agronomy-related questions, please contact Alan Barraza at (512) 239-1539 or via email at Alan.Barraza@tceq.texas.gov (preferred).

GeoSearch
On time. On target. In touch.™

Texas Water Well Report (Extended Radius)

Target Property:

Rockingwall TLAP
Fitzhugh Rd
Austin, Hays County, Texas 78736

Prepared For:

WWD Engineering

Order #: 170690
Job #: 425864
Date: 02/14/2023

phone: 888-396-0042 · fax: 512-472-9967 · www.geo-search.com

TARGET PROPERTY SUMMARY

Rockingwall TLAP
Fitzhugh Rd
Austin, Hays County, Texas 78736

USGS Quadrangle: ***Dripping Springs, TX***
Target Property Geometry: ***Area***

Target Property Longitude(s)/Latitude(s):
(-98.026403, 30.245605), (-98.026338, 30.245669), (-98.025877, 30.247940), (-98.019879, 30.245169), (-98.021221, 30.243427), (-98.021693, 30.243709), (-98.022304, 30.244010), (-98.023152, 30.244557), (-98.025711, 30.245317), (-98.026403, 30.245605), (-98.026403, 30.245605)

County/Parish Covered:
Hays (TX), Travis (TX)

Zipcode(s) Covered:
Austin TX: 78736, 78737, 78738
Dripping Springs TX: 78620

State(s) Covered:
TX

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DATABASE FINDINGS SUMMARY

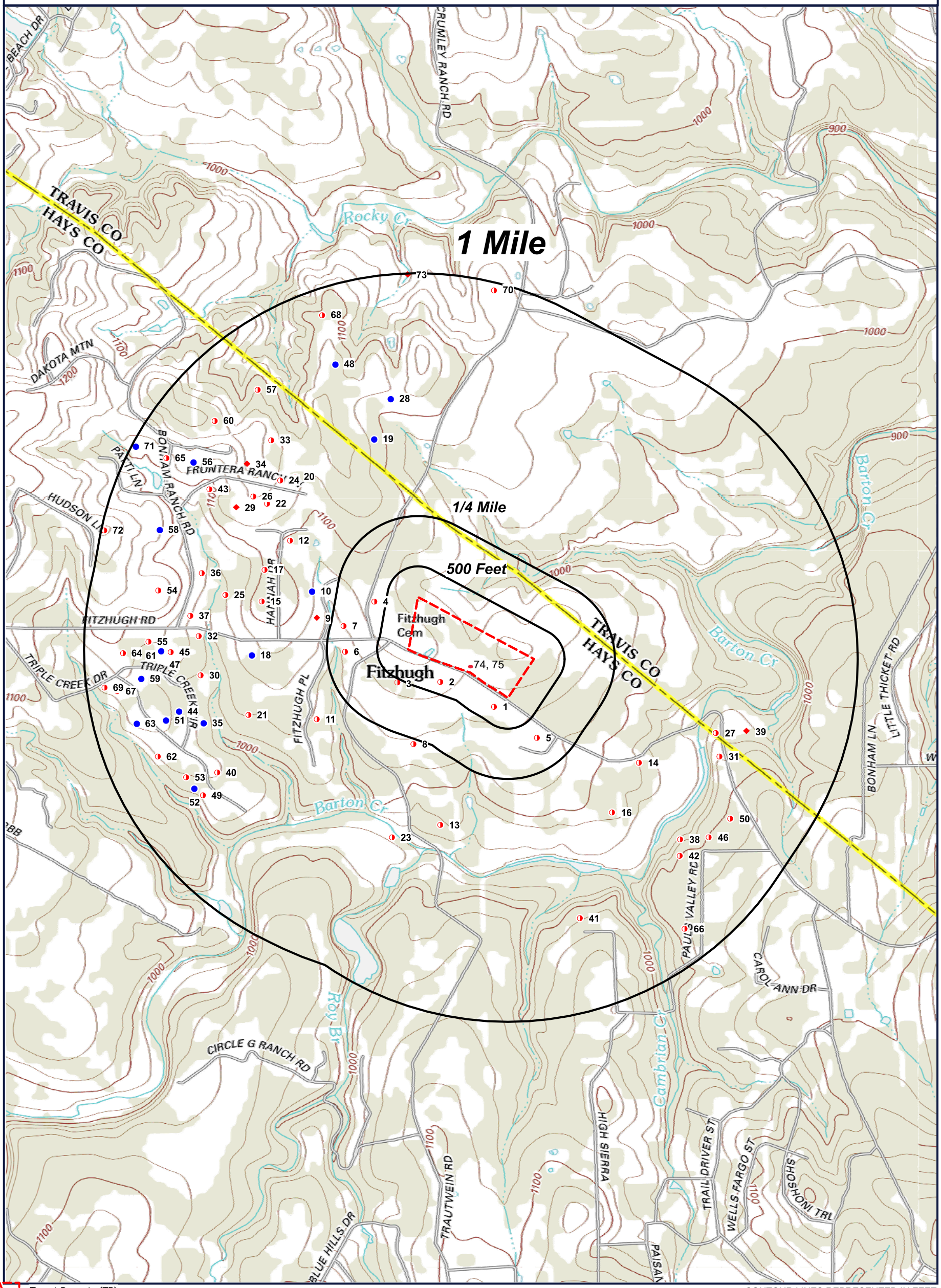
DATABASE	ACRONYM	LOCA-TABLE	UNLOCA-TABLE	SEARCH RADIUS (miles)
FEDERAL				
UNITED STATES GEOLOGICAL SURVEY NATIONAL WATER INFORMATION SYSTEM	NWIS	0	0	1.0000
SUB-TOTAL		**0**	**0**	
STATE (TX)				
SELECT SUBMITTED DRILLERS REPORT DATABASE WELLS	SSDRD	60	0	1.0000
TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS	TCEQ	18	0	1.0000
TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE	TWDB	7	0	1.0000
WATER UTILITY DATABASE	WUD	0	0	1.0000
SUB-TOTAL		**85**	**0**	
TOTAL		**85**	**0**	

LOCATABLE DATABASE FINDINGS

ACRONYM	SEARCH RADIUS (miles)	TP/AP (0 - 0.02)	1/8 Mile (> TP/AP)	1/4 Mile (> 1/8)	1/2 Mile (> 1/4)	1 Mile (> 1/2)	> 1 Mile	Total
FEDERAL								
NWIS	1.000	0	0	0	0	0	NS	0
SUB-TOTAL		**0**	**0**	**0**	**0**	**0**	**0**	**0**
STATE (TX)								
SSDRD	1.000	0	3	4	11	42	NS	60
TCEQ	1.000	0	0	0	5	13	NS	18
TWDB	1.000	0	0	0	1	6	NS	7
WUD	1.000	0	0	0	0	0	NS	0
SUB-TOTAL		**0**	**3**	**4**	**17**	**61**	**0**	**85**
TOTAL		**0**	**3**	**4**	**17**	**61**	**0**	**85**

NOTES:
NS = NOT SEARCHED
TP/AP = TARGET PROPERTY/ADJACENT PROPERTY

WATER WELL



Target Property (TP)
SSDRD
TWDB
TCEQ

Rockingwall TLAP
Fitzhugh Rd
Austin, Texas
78736

CONTOUR LINES REPRESENTED IN FEET

N
W E
S

0' 800' 1600' 2400'
SCALE: 1" = 1600'

GeoSearch **www.geo-search.com - phone: 888-396-0042 - fax: 512-472-9967**

JOB #: 425864 - 2/14/2023

APP000484

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
1	SSDRD	TX86113	0.046 SW	BUJAN-HALL CUSTOM HOMES	14735 FITZHUGH ROAD	DRIPPING SPRINGS, 78620	1
2	SSDRD	TX265094	0.056 SSW	CHRISTI BACOT	15000 FITZHIGH RD./HTGCD #889	AUSTIN, 78736	2
3	SSDRD	TX583793	0.108 SSW	JASON NEYLAND	15100 FITZHUGH RD	AUSTIN, 78736	3
4	SSDRD	TX207762	0.130 W	FITZHUGH BAPTISH CHURCH	15245 FITZHUGH RD.	AUSTIN, 78736	4
5	SSDRD	TX116093	0.151 SE	RICHARD BISCHOFF	14625 FITZHUGH	AUSTIN, 78737	5
6	SSDRD	TX14843	0.194 W	GEORGE LOGSDON	15309 FITZHUGH RD.	DRIPPING SPRINGS, 78620	6
7	SSDRD	TX361609	0.211 W	FITZHUGH CORNERS POA	15310 FITZHUGH RD.	DRIPPING SPRINGS, 78620	7
8	SSDRD	TX302878	0.264 SSW	NICK BURKHALTER	12225 TRAUTWEIN RD	AUSTIN, 78620	8
9	SSDRD	TX292983	0.297 W	FITZHUGH CORNERS P.O.A	11924 FITZHUGH CORNERS	DRIPPING SPRINGS, 78620	9
9	TWDB	57-56-309	0.297 W	FITZHUGH CORNERS	11924 FITZHUGH CORNERS	DRIPPING SPRINGS, 78620	10
10	TCEQ	TX33720	0.326 W	FITZHUGH CORNERS	11914 FITZHUGH CORNERS	DRIPPING SPRINGS, 78620	12
10	TCEQ	TX33721	0.326 W	FITZHUGH CORNERS	11914 FITZHUGH CORNERS	DRIPPING SPRINGS, 78620	14
10	SSDRD	TX386316	0.326 W	FITZHUGH CORNERS	11914 FITZHUGH CORNERS	DRIPPING SPRINGS, 78620	16
10	TCEQ	TX33719	0.326 W	FITZHUGH CORNERS	11914 FITZHUGH CORNERS	DRIPPING SPRINGS, 78620	17
11	SSDRD	TX266992	0.354 WSW	TIM JENNINGS	12101 FITZHUGH PLACE	DRIPPING SPRINGS, 78620	19
12	SSDRD	TX519169	0.433 WNW	MIKE MCDONALD	460 HANNAH DRIVE	DRIPPING SPRINGS, 78620	20
13	SSDRD	TX86688	0.443 SSW	GLEN & LINDA WEICHERT	12241 FITZHUGH PLACE	DRIPPING SPRINGS, 78620	21
14	SSDRD	TX299203	0.447 ESE	JOE TERRY	14101 FITZHUGH RD.	AUSTIN, 78737	22
15	SSDRD	TX54955	0.473 W	GREG JUNG	213 HANNAH DRIVE	DRIPPING SPRINGS, 78620	23
16	SSDRD	TX282944	0.477 SE	JOE TERRY			24
17	SSDRD	TX62936	0.481 W	CODY WILLIAMS	321 HANNAH DRIVE, LOT 12	DRIPPING SPRINGS, 78620	25

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
18	TCEQ	TX33711	0.482 W	GLEN SARGENT	15435 FITZHUGH RD	DRIPPING SPRINGS, 78620	26
18	SSDRD	TX483466	0.482 W	DUBB SMITH	15435 FITZHUGH RD.	DRIPPING SPRINGS, 78620	28
18	TCEQ	TX33712	0.482 W	GLEN SARGENT	15435 FITZHUGH RD	DRIPPING SPRINGS, 78620	29
19	TCEQ	TX28602	0.507 NNW	CHRIS WAHLBERG	11400 CRUMLEY RANCH RD	AUSTIN, 78738	32
20	SSDRD	TX135355	0.531 NW	DUMAS HOME BUILDING	493 FRONTERA RANCH	DRIPPING SPRINGS, 78620	34
21	SSDRD	TX41224	0.532 WSW	R.G. KEEN	15425 FITZHUGH RD	DRIPPING SPRINGS, 78620	35
22	SSDRD	TX507490	0.549 WNW	JARROD AND KELLI MURDOCK	418 FRONTERA RANCH COVE	DRIPPING SPRINGS, 78620	36
23	SSDRD	TX156856	0.553 SW	CARTER KING	12250 TRAUTWEIN RD	AUSTIN, 78737	37
24	SSDRD	TX171288	0.558 NW	STOCK LENDING SUPPLY	465 FRONTERA RANCH	DRIPPING SPRINGS, 78620	38
25	SSDRD	TX179624	0.587 W	DALE MOORE	12099 BONHAM RANCH RD	DRIPPING SPRINGS, 78620	39
26	SSDRD	TX198917	0.596 WNW	RELIANCE CUSTOM HOME	364 FRONTERA RANCH COVE	DRIPPING SPRINGS, 78620	40
27	SSDRD	TX541565	0.606 ESE	JIM SPRY	14105 FIZHUGH ROAD	AUSTIN, 78736	41
28	TCEQ	TX28597	0.619 N	LUELLA GALBRAITH	10900 CRUMLEY RANCH RD	AUSTIN, 78738	42
28	TWDB	57-48-903	0.619 N	N.O. CRUMLEY	10900 CRUMLEY RANCH RD	AUSTIN, 78738	45
29	SSDRD	TX49940	0.626 WNW	WALT GRANER	11951 BONHAM RANCH RD.	DRIPPING SPRINGS, 78620	50
29	TWDB	57-48-912	0.626 WNW	WALT GRANER FRONTERA OW-1	306 FRONTERA RANCH CV	DRIPPING SPRINGS, 78620	51
30	SSDRD	TX76808	0.644 W	STEVE BEARD	12319 TRIPLE CREEK CIRCLE	DRIPPING SPRINGS, 78620	53
31	SSDRD	TX422837	0.647 ESE	JIM SPRY	12330A PAULS VALLEY RD.	AUSTIN, 78737	54
32	SSDRD	TX432581	0.647 W	PAT SARGENT	15601 FITZHUGH RD.	DRIPPING SPRINGS, 78620	55
33	SSDRD	TX483309	0.664 NW	WEBB EVANS	11355 BONHAM RANCH RD.	DRIPPING SPRINGS, 78620	56
34	SSDRD	TX49944	0.669 NW	WALT GRANER	11951 BONHAM RANCH RD.	DRIPPING SPRINGS, 78620	57
34	TWDB	57-48-911	0.669 NW	WALT GRANER	381 FRONTERA RANCH RD	DRIPPING SPRINGS,	58

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
				FRONTERA PW-1		78620	
35	TCEQ	TX214378	0.670 WSW	JOHN HALL	12345 TRIPLE CREEK CIR	DRIPPING SPRINGS, 78620	60
36	SSDRD	TX60083	0.670 W	MARCELINO ACOSTA	12027 BONHAM RANCH RD LOT 21	DRIPPING SPRINGS, 78620	62
37	SSDRD	TX116073	0.680 W	CSME DEVELOPMENT	12155 BONHAM RANCH RD.	DRIPPING SPRINGS, 78620	63
38	SSDRD	TX324088	0.687 SE	JOE TERRY	12345 PAULS VALLEY RD.	AUSTIN, 78737	64
39	TWDB	57-56-301	0.693 ESE	LESCO CORP	13306 WHITE TAIL TRL	AUSTIN, 78736	65
40	SSDRD	TX428112	0.700 WSW	MIKE CULLENDER/ENDRES JOB	12417 TRIPLE CREEK DRIVE	DRIPPING SPRINGS, 78620	71
41	SSDRD	TX83045	0.714 SSE	ALI ARABZADEGAN	12720 PAULS VALLEY ROAD	AUSTIN, 78737	72
42	SSDRD	TX541568	0.719 SE	JIM SPRY	12400 PAULS VALLEY ROAD	DRIPPING SPRINGS, 78620	73
43	SSDRD	TX231851	0.726 WNW	RELIANCE CUSTOM HOMES	262 FRONTERA RANCH COVE	DRIPPING SPRINGS, 78652	74
44	TCEQ	TX184331	0.732 WSW	HAROLD DAVIS	12338 TRIPLE CREEK DR	DRIPPING SPRINGS, 78620	75
45	SSDRD	TX433208	0.732 W	GARY LAFAYETTE	1225 TRIPLE CREEK CIRCLE	DRIPPING SPRINGS, 78616	77
46	SSDRD	TX377567	0.754 ESE	JOE TERRY	14101 FITZHUGH RD.	AUSTIN, 78737	78
47	TCEQ	TX32355	0.762 W	DAN MCKINNEY	12221 TRIPLE CREEK CIR	DRIPPING SPRINGS, 78620	79
47	TWDB	57-56-310	0.762 W	DAN MCKINNEY	12221 TRIPLE CREEK CR	DRIPPING SPRINGS, 78620	81
48	TCEQ	TX239112	0.764 NNW	DALE OLDENKAMP	11201 BONHAM RANCH RD UNIT 14	DRIPPING SPRINGS, 78620	83
49	SSDRD	TX62855	0.776 WSW	RIENZI CUSTOM HOMES	12500 TRIPLE CRK.	DRIPPING SPRINGS, 78620	85
50	SSDRD	TX342605	0.777 ESE	JOE TERRY	12345 PAULS VALLEY RD.	AUSTIN, 78737	86
51	TCEQ	TX184367	0.778 WSW	GLASS, DELBY/TED MASSINGILL	12315 TRIPLE CREEK DR	DRIPPING SPRINGS, 78620	87
52	SSDRD	TX54920	0.785 WSW	JACK DABNEY HOMES	12414 TRIPLE CREEK DRIVE, LOT 32-B	DRIPPING SPRINGS, 78620	89
52	TCEQ	TX184361	0.786 WSW	DENNIS BOHLS	12414 TRIPLE CREEK DR	DRIPPING SPRINGS, 78620	90

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
53	SSDRD	TX94540	0.790 WSW	RIENZI CUSTOM HOMES	12410 TRIPLE CREEK DRIVE	DRIPPING SPRINGS, 78620	92
54	SSDRD	TX357344	0.792 WNW	DAVID EMBRY	15800 FITZHUGH RD.	DRIPPING SPRINGS, 78620	93
55	SSDRD	TX467599	0.801 W	CARA EUBANK	12215 TRIPLE CREEK CIRCLE	DRIPPING SPRINGS, 78620	94
56	SSDRD	TX103823	0.808 WNW	MORGAN, FRANK	11401 BONHAM RANCH RD.	DRIPPING SPRINGS, TX, 78620	95
56	TCEQ	TX33716	0.810 WNW	CHARLES D. CARPENTER	11401 BONHAM RANCH RD	DRIPPING SPRINGS, 78620	96
57	SSDRD	TX91299	0.810 NW	JERRY SWAN	11201 BONHAM RANCH ROAD #9	DRIPPING SPRINGS, 78620	98
58	TCEQ	TX239116	0.824 WNW	SHARON BENNET	12000 BONHAM RANCH RD	DRIPPING SPRINGS, 78620	99
59	TCEQ	TX239101	0.828 W	KIM & JEFF SESSIONS	12204 TRIPLE CREEK CIR	DRIPPING SPRINGS, 78620	101
60	SSDRD	TX385494	0.831 NW	SAM CALDWELL	11355 BONHAM RANCH RD.	DRIPPING SPRINGS, 78620	103
61	SSDRD	TX58765	0.835 W	ERIC & CASEY FRIESENHAHN	12209 TRIPLE CRK. CIRCLE	DRIPPING SPRINGS, 78620	104
62	SSDRD	TX433210	0.839 WSW	DABNEY HOMES	12322 TRIPLE CREEK DRIVE	DRIPPING SPRINGS, 78620	105
63	TCEQ	TX184364	0.868 WSW	COUNTRY CUSTOM HOMES/SHELTON-OWNER	12300 TRIPLE CREEK DR	DRIPPING SPRINGS, 78620	106
64	SSDRD	TX168157	0.879 W	KEVIN REED	12201 TRIPLE CREEK CIRCLE	DRIPPING SPRINGS, 78620	108
65	SSDRD	TX58754	0.888 WNW	MICHAEL PAGE	11356 BONHAM RANCH RD.	DRIPPING SPRINGS, 78620	109
66	SSDRD	TX439201	0.896 SE	RICHARD BOWDEN	12460 PAULS VALLEY RD.	AUSTIN, 78737	110
67	SSDRD	TX93226	0.907 W	JIM SHEPHARD	12208 TRIPLE CREEK DR	DRIPPING SPRINGS, 78620	111
68	SSDRD	TX265099	0.920 NNW	JASON ALLEN (BUJAN-HALL)	11002 BONHAM RANCH RD.	AUSTIN, 78736	112
69	SSDRD	TX93862	0.944 W	RIENZI CUSTOM HOMES	12200 TRIPLE CREEK DRIVE	DRIPPING SPRINGS, 78620	113
70	SSDRD	TX261818	0.977 NNE	RANDY METZGER	10418 CRUMLEY RANCH ROAD	AUSTIN, 78738	114

REPORT SUMMARY OF LOCATABLE SITES

MAP ID#	DATABASE NAME	SITE ID#	DISTANCE FROM SITE	SITE NAME	ADDRESS	CITY, ZIP CODE	PAGE #
71	TCEQ	TX239115	0.989 WNW	JERRY SWAN	11398 BONHAM RANCH RD	DRIPPING SPRINGS, 78620	115
72	SSDRD	TX45601	0.990 W	JACK DABNEY HOMES	200 HUDSON LANE	DRIPPING SPRINGS, 78620	117
73	TWDB	57-48-914	0.995 N	PURYEAR RANCH SPRING	10600 CRUMLEY RANCH RD	AUSTIN, 78738	118

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 1 **Distance from Property: 0.05 mi. SW**

TRACK #: **86113**
DATE ENTERED: **2006-06-27**
OWNER NAME: **BUJAN-HALL CUSTOM HOMES**
OWNER ADDRESS: **10200 HIGHWAY 290 WEST**
AUSTIN, TX 78736
COUNTY: **HAYS**
LATITUDE: **30.243056000** LONGITUDE: **-98.021944000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=86113&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2006-04-06**
DRILLING DATE (COMPLETED): **2006-04-06**
DEPTH DRILLED: **50'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **CENTRAL TEXAS DRILLING INC.**
COMPANY ADDRESS: **500 SOUTHLAND DRIVE**
BURNET, TX 78611

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 2 **Distance from Property: 0.06 mi. SSW**

TRACK #: **265094**
DATE ENTERED: **2011-09-09**
OWNER NAME: **CHRISTI BACOT**
OWNER ADDRESS: **15000 FITZHUGH RD.**
AUSTIN, TX 78736
COUNTY: **HAYS**
LATITUDE: **30.244167000** LONGITUDE: **-98.024722000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=265094&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2005-09-23**
DRILLING DATE (COMPLETED): **2005-10-03**
DEPTH DRILLED: **720'**

WATER LEVEL:
STATIC LEVEL: **480'**
WATER LEVEL DATE: **2005-09-30**
TYPE OF WATER: **GOOD**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **WHISENANT & LYLE WSI**
COMPANY ADDRESS: **PO BOX 525**
DRIPPING SPRINGS, TX 78620

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 3 **Distance from Property: 0.11 mi. SSW**

TRACK #: **583793**
DATE ENTERED: **2022-03-04**
OWNER NAME: **JASON NEYLAND**
OWNER ADDRESS: **15100 FITZHUGH RD**
AUSTIN, TX 78736
COUNTY: **HAYS**
LATITUDE: **30.244086000** LONGITUDE: **-98.026940000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=583793&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2021-07-15**
DRILLING DATE (COMPLETED): **2021-07-16**
DEPTH DRILLED: **725'**

WATER LEVEL:
STATIC LEVEL: **555'**
WATER LEVEL DATE: **2021-07-21**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **BEE CAVE DRIILLING, INC.**
COMPANY ADDRESS: **185 ANGEL FIRE RD**
DRIPPING SPRINGS, TX 78620

MAP ID# 4 **Distance from Property: 0.13 mi. W**

TRACK #: **207762**
DATE ENTERED: **2010-02-11**
OWNER NAME: **FITZHUGH BAPTISH CHURCH**
OWNER ADDRESS: **11607 CRUMLEY RANCH RD.**
AUSTIN, TX 78738
COUNTY: **HAYS**
LATITUDE: **30.247756000** LONGITUDE: **-98.028132000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=207762&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2009-11-24**
DRILLING DATE (COMPLETED): **2009-11-24**
DEPTH DRILLED: **100'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **2009-11-24**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **CENTRAL TEXAS DRILLING, INC.**
COMPANY ADDRESS: **2520 HWY. 290 WEST**
DRIPPING SPRINGS, TX 78620

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 5 **Distance from Property: 0.15 mi. SE**

TRACK #: **116093**
DATE ENTERED: **2007-07-05**
OWNER NAME: **RICHARD BISCHOFF**
OWNER ADDRESS: **14625 FITZHUGH**
AUSTIN, TX 78737
COUNTY: **HAYS**
LATITUDE: **30.241667000** LONGITUDE: **-98.019722000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=116093&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2007-04-05**
DRILLING DATE (COMPLETED): **2007-04-05**
DEPTH DRILLED: **50'**

WATER LEVEL:
STATIC LEVEL: **407.6'**
WATER LEVEL DATE: **2007-04-05**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **CENTRAL TEXAS DRILLING, INC.**
COMPANY ADDRESS: **2520 HWY. 290 WEST**
DRIPPING SPRINGS, TX 78620

MAP ID# 6 **Distance from Property: 0.19 mi. W**

TRACK #: **14843**
DATE ENTERED: **2002-12-06**
OWNER NAME: **GEORGE LOGSDON**
OWNER ADDRESS: **15309 FITZHUGH RD.**
DRIPPING SPRINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.245513000** LONGITUDE: **-98.029646000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=14843&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2002-11-20**
DRILLING DATE (COMPLETED): **2002-11-20**
DEPTH DRILLED: **660'**

WATER LEVEL:
STATIC LEVEL: **400'**
WATER LEVEL DATE: **2002-11-20**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
DEEPENING
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **BEE CAVE DRILLING, INC.**
COMPANY ADDRESS: **185 ANGELFIRE DR.**
DRIPPING SPRINGS, TX 78620

SUBMITTED DRILLERS REPORT DATABASE (SDRD)

MAP ID# 7 **Distance from Property: 0.21 mi. W**

TRACK #: **361609**
DATE ENTERED: **2014-05-05**
OWNER NAME: **FITZHUGH CORNERS POA**
OWNER ADDRESS: **15400 FITZHUGH RD.**
DRIPPING SPRINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.246667000** LONGITUDE: **-98.029722000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=361609&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2014-03-13**
DRILLING DATE (COMPLETED): **2014-03-14**
DEPTH DRILLED: **10'**

WATER LEVEL:
STATIC LEVEL: **448'**
WATER LEVEL DATE: **2014-03-14**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **BEE CAVE DRILLING, INC.**
COMPANY ADDRESS: **185 ANGEL FIRE DR.**
DRIPPING SPRINGS, TX 78620

MAP ID# 8 **Distance from Property: 0.26 mi. SSW**

TRACK #: **302878**
DATE ENTERED: **2012-10-30**
OWNER NAME: **NICK BURKHALTER**
OWNER ADDRESS: **13500 NUTTYBROWN RD**
AUSTIN, TX 78737
COUNTY: **HAYS**
LATITUDE: **30.241389000** LONGITUDE: **-98.026111000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=302878&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2012-09-25**
DRILLING DATE (COMPLETED): **2012-09-26**
DEPTH DRILLED: **10'**

WATER LEVEL:
STATIC LEVEL: **491'**
WATER LEVEL DATE: **2012-09-27**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **BEE CAVE DRILLING**
COMPANY ADDRESS: **185 ANGELFIRE DR**
DRIPPING SPRINGS, TX 78620

MAP ID# 9 **Distance from Property: 0.30 mi. W**

TRACK #: **292983**
DATE ENTERED: **2012-07-20**
OWNER NAME: **FITZHUGH CORNERS P.O.A**
OWNER ADDRESS: **15400 FITZHUGH RD**
DRIPPING SPRINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.247005000** LONGITUDE: **-98.031110000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=292983&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2012-06-15**
DRILLING DATE (COMPLETED): **2012-06-15**
DEPTH DRILLED: **10'**

WATER LEVEL:
STATIC LEVEL: **533'**
WATER LEVEL DATE: **2012-07-20**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **BEE CAVE DRILLING**
COMPANY ADDRESS: **185 ANGEL FIRE DR**
DRIPPING SPRINGS, TX 78620

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 9 **Distance from Property: 0.30 mi. W**

STATE ID:	**57-56-309**
OWNER'S NAME:	**FITZHUGH CORNERS**
DATE DRILLED:	**06/15/2012**
DEPTH DRILLED:	**770'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-98.031110000**
LATITUDE:	**30.247005000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/5756309/5756309.pdf**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 10 **Distance from Property: 0.33 mi. W**

ID NUMBER:	**TX33720**
STATE ID :	**57-48-9**
OWNER NAME:	**FITZHUGH CORNERS**
DATE DRILLED:	**06/03/1986**
DEPTH DRILLED:	**560'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-98.031358000**
LATITUDE:	**30.248219000**

NO DRILLERS' LOGS AVAILABLE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 10 **Distance from Property: 0.33 mi. W**

ID NUMBER:	**TX33721**
STATE ID :	**57-48-9**
OWNER NAME:	**FITZHUGH CORNERS**
DATE DRILLED:	**06/03/1986**
DEPTH DRILLED:	**520'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-98.031358000**
LATITUDE:	**30.248219000**

1 PAGE(S) OF DRILLERS' LOGS

Well

.1m: NISH
.2m: EIWL

Please use black ink.
Send original copy by certified mail to the Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Fitzhugh Corners (Peerman) (Name) Address P. O. Box 23039, Austin, TX 78735 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Hays, 7 miles in NE (N.E., S.W., etc.) direction from Dripping Springs, TX (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ See attached map. mapon 58-57-5

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☐ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 6-3-86

Dia. (in.)	From (ft.)	To (ft.)
6"	Surface	560'

From (ft.)	To (ft.)	Description and color of formation material
0	4	Caliche
4	6	Yellow Rock
6	12	Blue Gray Lime
12	25	Yellow Rock
25	60	Gray Lime
60	140	Lt. Gray Lime
140	180	Gray Lime
180	200	Dk. Gray Lime
200	255	Soft Lt. Gray Lime
255	305	Gray Lime
305	315	Dk. Gray Shale
315	340	Gray Rock
340	385	Lt. Gray Rock
385	400	White Rock
400	450	Gray Rock
450	460	Broken Gray Rock (12-14) Water Bearing
460	510	Dk. Gray Rock
510	560	Dk. Gray Mud & Shale
		12-14 GPM

(Use reverse side if necessary)

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TEXAS WATER COMMISSION

7) BOREHOLE COMPLETION:
☐ Open Hole ☒ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4½	N	PVC Sch 40 Plastic	0	560	

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 30 ft.
_____ ft. to _____ ft.
Method used Pour
Cemented by Raymond Whisenant & Son, Inc.

10) SURFACE COMPLETION
☒ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS:

	Type	Depth
(1)	Plastic	540-520
(2)	Plastic	440'
(3)	Plastic	30'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 12-14 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Raymond Whisenant & Son, Inc. (Type or Print) Water Well Driller's License No. 454

ADDRESS P. O. Box 425 Dripping Springs, TX 78620 (Street or RFD) (City) (State) (Zip)

(Signed) Raymond O. Whisenant (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 57-48-9
Located on map _____

DEPARTMENT OF WATER RESOURCES COPY

TDWR-0392 (12/29/83)

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

MAP ID# 10 **Distance from Property: 0.33 mi. W**

TRACK #: **386316**
DATE ENTERED: **2015-01-22**
OWNER NAME: **FITZHUGH CORNERS**
OWNER ADDRESS: **411 STIRRUP DRIVE**
DRIPPING SPRINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.248197000** LONGITUDE: **-98.031360000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=386316&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2014-12-08**
DRILLING DATE (COMPLETED): **2014-12-08**
DEPTH DRILLED: **750'**

WATER LEVEL:
STATIC LEVEL: **521.6'**
WATER LEVEL DATE: **2014-12-08**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **CENTEX PUMP & SUPPLY, INC.**
COMPANY ADDRESS: **2520 HWY. 290 WEST**
DRIPPING SPRINGS, TX 78620

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 10 **Distance from Property: 0.33 mi. W**

ID NUMBER:	**TX33719**
STATE ID :	**57-48-9**
OWNER NAME:	**FITZHUGH CORNERS**
DATE DRILLED:	**07/27/1986**
DEPTH DRILLED:	**500'**
STATIC LEVEL:	**235'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-98.031358000**
LATITUDE:	**30.248219000**

1 PAGE(S) OF DRILLERS' LOGS

Well #7 .1m: NISL .2m: E1W1

Please use black ink. Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER Fitzhugh Corners (Peerman) (Name) Address P. O. Box 23039, Austin, TX 78735 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Hays 7 miles in NE (N.E., S.W., etc.) direction from Dripping springs, TX (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ See attached map. mapcom 58-57-5

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☐ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 7-27-86

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
	Surface	
6"		500'

From (ft.)	To (ft.)	Description and color of formation material
0	4	Caliche
4	12	Yellow Rock
12	40	Blue Gray Lime
40	80	Cray Lime
80	90	Dk. Gray Shale
90	110	Gray Lime
110	155	Lt. Gray Lime
155	170	Dk. Gray Lime
170	210	Gray Lime
210	260	Lt. Gray Lime
260	300	Gray Rock
300	370	Lt. Gray Rock
370	400	Gray Rock
400	430	Lt. Gray Rock
430	435	Broken Gray Rock (6-8) Some Water
435	470	Lt. Gray Rock
470	485	Broken Gray Rock (20-25) Water Bearing
485	500	Hard Gray Rock 25-30 G.P.M.

RECEIVED SEP 26 1986 TEXAS WATER COMMISSION

(Use reverse side if necessary)

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4½	N	PVC Sch 40 Plastic	0	500	

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 40 ft.
_____ ft. to _____ ft.
Method used Pour
Cemented by Raymond Whisenant & Son, Inc.

10) SURFACE COMPLETION
☒ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 235 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS:

	Type	Depth
(1)	Plastic	420'
(2)	Plastic	40'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 25-30 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Raymond Whisenant & Son, Inc. (Type or Print) Water Well Driller's License No. 454

ADDRESS P. O. Box 425, Dripping Springs, TX 78620 (Street or RFD) (City) (State) (Zip)

(Signed) Raymond O. Whisenant (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 57-48-9
Located on map _____

DEPARTMENT OF WATER RESOURCES COPY

TDWR-0392 (12/29/83)

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

MAP ID# 11 **Distance from Property: 0.35 mi. WSW**

TRACK #: **266992**
DATE ENTERED: **2011-09-28**
OWNER NAME: **TIM JENNINGS**
OWNER ADDRESS: **12101 FITZHUGH PLACE**
DRIPPING SPRINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.242500000** LONGITUDE: **-98.031111000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=266992&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2011-08-29**
DRILLING DATE (COMPLETED): **2011-09-02**
DEPTH DRILLED: **755'**

WATER LEVEL:
STATIC LEVEL: **595'**
WATER LEVEL DATE: **2011-09-06**
TYPE OF WATER: **FRESH**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **GEOPROJECTS INTERNATIONAL, INC.**
COMPANY ADDRESS: **8834 CIRCLE DRIVE**
AUSTIN, TX 78736

MAP ID# 12 **Distance from Property: 0.43 mi. WNW**

TRACK #: **519169**
DATE ENTERED: **2019-08-21**
OWNER NAME: **MIKE MCDONALD**
OWNER ADDRESS: **104 HUDSON LN**
DRIPPING SPRINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.250483000** LONGITUDE: **-98.032500000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=519169&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2019-06-27**
DRILLING DATE (COMPLETED): **2019-06-27**
DEPTH DRILLED: **50'**

WATER LEVEL:
STATIC LEVEL: **530'**
WATER LEVEL DATE: **2019-06-27**
TYPE OF WATER: **HOSSTON**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **ASSOCIATED DRILLING, INC**
COMPANY ADDRESS: **P O BOX 673**
DRIPPING SPRINGS, TX 78620

MAP ID# 13 **Distance from Property: 0.44 mi. SSW**

TRACK #: **86688**
DATE ENTERED: **2006-07-05**
OWNER NAME: **GLEN & LINDA WEICHERT**
OWNER ADDRESS: **12241 FITZHUGH PLACE**
DRIPPING SPRINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.237778000** LONGITUDE: **-98.024722000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=86688&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2006-04-12**
DRILLING DATE (COMPLETED): **2006-04-12**
DEPTH DRILLED: **50'**

WATER LEVEL:
STATIC LEVEL: **394.6'**
WATER LEVEL DATE: **2006-04-14**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **CENTRAL TEXAS DRILLING, INC.**
COMPANY ADDRESS: **2520 HWY. 290 WEST**
DRIPPING SPRINGS, TX 78620

MAP ID# 14 **Distance from Property: 0.45 mi. ESE**

TRACK #: **299203**
DATE ENTERED: **2012-09-19**
OWNER NAME: **JOE TERRY**
OWNER ADDRESS: **14101 FITZHUGH RD.**
AUSTIN, TX 78737
COUNTY: **HAYS**
LATITUDE: **30.240556000** LONGITUDE: **-98.014445000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=299203&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2012-07-25**
DRILLING DATE (COMPLETED): **2012-07-25**
DEPTH DRILLED: **50'**

WATER LEVEL:
STATIC LEVEL: **364'**
WATER LEVEL DATE: **2012-07-25**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **ASSOCIATED DRILLING INC.**
COMPANY ADDRESS: **12928 LOWDEN LN.**
MANCHACA, TX 78652

MAP ID# 15 **Distance from Property: 0.47 mi. W**

TRACK #: **54955**
DATE ENTERED: **2005-03-16**
OWNER NAME: **GREG JUNG**
OWNER ADDRESS: **P. O. BOX 1677**
DRIPPING SPRINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.247766000** LONGITUDE: **-98.033961000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=54955&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2005-01-18**
DRILLING DATE (COMPLETED): **2005-01-18**
DEPTH DRILLED: **750'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **CENTRAL TEXAS DRILLING, INC.**
COMPANY ADDRESS: **2520 HWY. 290 WEST**
DRIPPING SPRINGS, TX 78620

MAP ID# 16 **Distance from Property: 0.48 mi. SE**

TRACK #: **282944**
DATE ENTERED: **2012-04-05**
OWNER NAME: **JOE TERRY**
OWNER ADDRESS: **14101 FITZHUGH RD.**
AUSTIN, TX 78736
COUNTY: **HAYS**
LATITUDE: **30.238334000** LONGITUDE: **-98.015834000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=282944&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2011-10-19**
DRILLING DATE (COMPLETED): **2011-10-19**
DEPTH DRILLED: **50'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
STOCK
COMPANY INFORMATION:
COMPANY NAME: **WESTERN WATER WELLS**
COMPANY ADDRESS: **500 SOUTHLAND DR.**
BURNET, TX 78611

MAP ID# 17 **Distance from Property: 0.48 mi. W**

TRACK #: **62936**
DATE ENTERED: **2005-07-19**
OWNER NAME: **CODY WILLIAMS**
OWNER ADDRESS: **494 HANNAH DRIVE**
DRIPPING SPRINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.249180000** LONGITUDE: **-98.033811000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=62936&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2005-06-07**
DRILLING DATE (COMPLETED): **2005-06-07**
DEPTH DRILLED: **770'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **CENTRAL TEXAS DRILLING,INC.**
COMPANY ADDRESS: **2520 HWY. 290 WEST**
DRIPPING SPRINGS, TX 78620

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 18 **Distance from Property: 0.48 mi. W**

ID NUMBER:	**TX33711**
STATE ID :	**57-48-9**
OWNER NAME:	**GLEN SARGENT**
DATE DRILLED:	**11/01/1992**
DEPTH DRILLED:	**730'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-98.034473000**
LATITUDE:	**30.245369000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER SARGENT, GLEN (Name) ADDRESS _____ (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County HAYS 12 miles in NW (NE, SW, etc.) direction from OAK HILL (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ SEE ATTACHED MAP 57-48-9

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☐ Driven ☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 11/1/92 19__ Completed _____ 19__

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
9"	Surface	20'
6"	20'	730'

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0-1		TOP SOIL
1-10		CALICHE
10-75		BLUE LIME
75-345		GREY LIME
345-370		WHITE LIME
370-460		GREY & BROWN w/ STRIPS SOAPSTN
460-520		BROWN water 3-4gpm
520-565		HAMMID
565-625		GREY LIME
625-730		TRINITY

(Use reverse side if necessary)

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8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
6"	N	PVC PALSTIC	+2	18	SCH40
			0	730	SDR17

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 18 ft. No. of Sacks Used 3
_____ ft. to _____ ft. No. of Sacks Used _____
Method used SLURRY
Cemented by C.T.D.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☒ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type PVC & BURLAP Depth 18, 620 & 640

13) TYPE PUMP: ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 560' ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: 30' gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 40
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. 1313

ADDRESS 2300 S. RR 12 DRIPPINGS PRINGS, TX. 78620 (Street or RFD) (City) (State) (Zip)

(Signed) _____ (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. _____ Located on map 57-48-9

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

MAP ID# 18 **Distance from Property: 0.48 mi. W**

TRACK #: **483466**
DATE ENTERED: **2018-07-02**
OWNER NAME: **DUBB SMITH**
OWNER ADDRESS: **4161 EAST U.S. HWY. 290**
DRIPPING SPRINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.245369000** LONGITUDE: **-98.034473000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=483466&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2018-06-05**
DRILLING DATE (COMPLETED): **2018-06-05**
DEPTH DRILLED: **100'**

WATER LEVEL:
STATIC LEVEL: **563'**
WATER LEVEL DATE: **2018-06-20**
TYPE OF WATER: **LOWER TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **CENTEX PUMP & SUPPLY, INC.**
COMPANY ADDRESS: **2520 HWY. 290 WEST**
DRIPPING SPRINGS, TX 78620

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 18 **Distance from Property: 0.48 mi. W**

ID NUMBER:	**TX33712**
STATE ID :	**57-48-9**
OWNER NAME:	**GLEN SARGENT**
DATE DRILLED:	**11/05/1992**
DEPTH DRILLED:	**485'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-98.034473000**
LATITUDE:	**30.245369000**

2 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER SARGENT, GLEN (Name) ADDRESS _____ (Street or RFD) _____ (City) _____ (State) _____ (Zip)

2) LOCATION OF WELL: County HAYS . 12 miles in NW (NE, SW, etc.) direction from OAK HILL (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ SEE ATTACHED MAP 57-48-9

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check): ☐ Driven ☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 11/5/92 19__ Completed _____ 19__

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
9	Surface	18
6	18	485 ~~XXX~~

7) BOREHOLE COMPLETION: ☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	11	CALICHE
11	32	BLUE LIME
32	190	GREY LIME
190	200	WHITE LIME
200	240	DARK GREY LIME
240	245	TAN LIME
245	350	GREY LIME
350	485	SOFT WHITE LIME
water @ 420-460 12-15gpm		

(Use reverse side if necessary)

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8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
6"	N	PVC PLSATIC	0	20	SCH40

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 20 ft. No. of Sacks Used 3
_____ ft. to _____ ft. No. of Sacks Used _____
Method used SLURRY
Cemented by C.T.D.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☒ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type PVC & BURLAP Depth 18'

13) TYPE PUMP: ☐ Turbine ☐ Jet ☐ Submersible ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: 12-15 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? GLEN ROSE Depth of strata 40'
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. 1313

ADDRESS 2300 S. RR 12 (Street or RFD) DRIPPING SPRINGS, TX (City) 78620 (State) (Zip)

(Signed) _____ (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

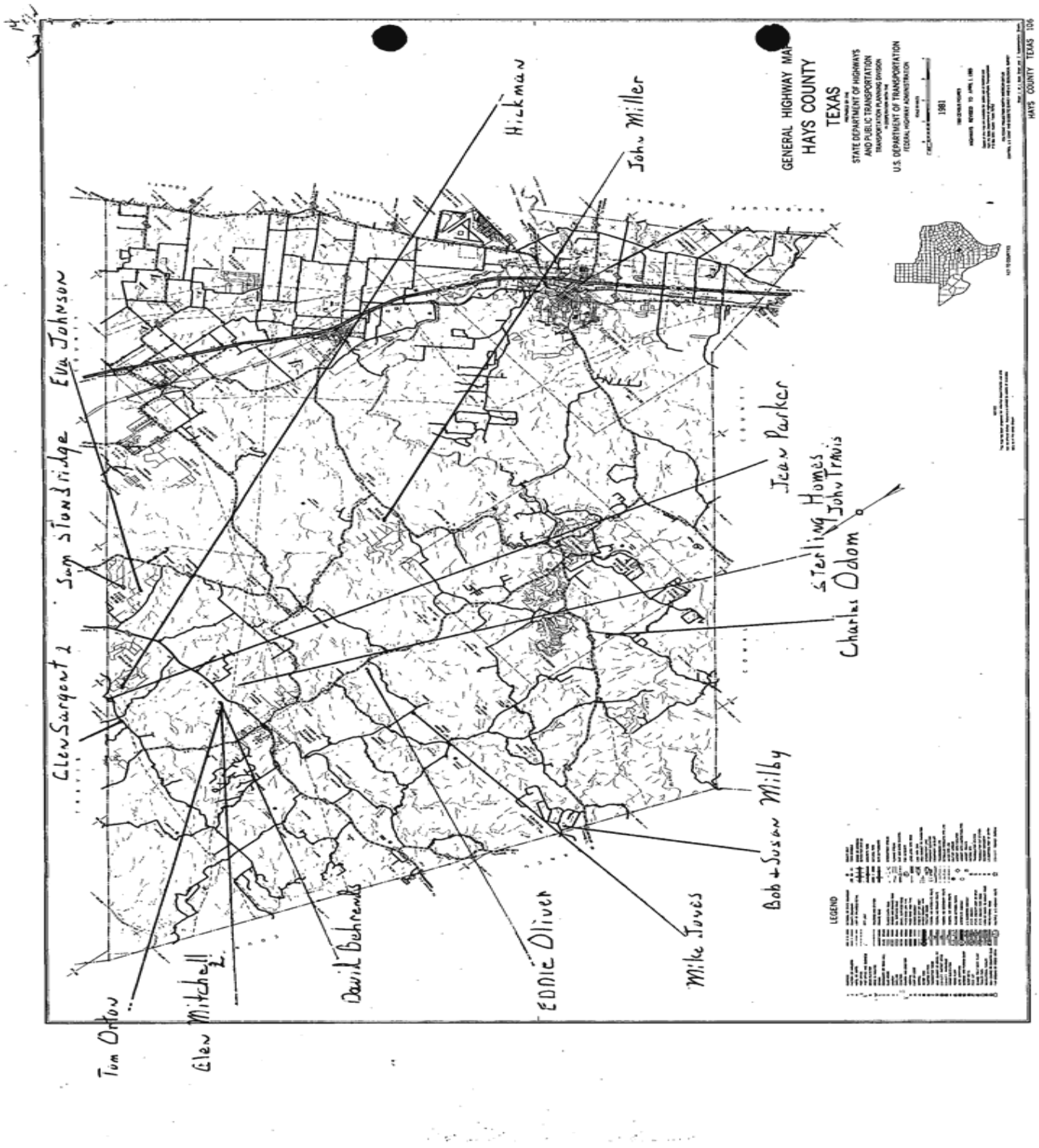
For TWC use only: Well No. _____ Located on map 57-48-9

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY

Page # 2 out of 2

Water Well ID: 33712



TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 19 **Distance from Property: 0.51 mi. NNW**

ID NUMBER:	**TX28602**
STATE ID :	**57-48-9**
OWNER NAME:	**CHRIS WAHLBERG**
DATE DRILLED:	**06/23/1998**
DEPTH DRILLED:	**755'**
STATIC LEVEL:	**300'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-98.028145000**
LATITUDE:	**30.255019000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified return receipt requested n TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3(

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER CHRIS WAHLBERG (Name) ADDRESS 11600 CRUMLEY RANCH RD. (Street or RFD) AUSTIN (City) TX (State) 78736 (Zip)

2) ADDRESS OF WELL: County TRAVIS 11600 CRUMLEY RANCH RD. (Street, RFD or other) AUSTIN (City) TX (State) 78736 (Zip) GRID # 57-48-9

3) TYPE OF WORK (Check): [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [X] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) X N

6) WELL LOG:
Date Drilling: Started 4/22 19 98 Completed 6/23 1998

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8.75	Surface	10
6.5	10	20
6	20	755

7) DRILLING METHOD (Check): [ ] Driven [X] Air Rotary [ ] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

From (ft.)	To (ft.)	Description and color of formation material
0	5	ROCK
5	10	WHITE LIME
10	15	BLUE LIME
15	18	CALICHE
18	390	BLUE LIME
390	570	LT. GOLD LIME (2GPM)
570	575	BLUE LIME
575	600	LT. GOLD LIME
600	630	BLUE SHALE
630	680	LT. GOLD LIME
680	700	LT. BROWN LIME
700	730	REDISH BROWN LIME
730 -	750	TAN (40+GPM)
750	755	TAN ROCK

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): [X] Open Hole [ ] Straight Wall [ ] Underreamed [ ] Gravel Packed [ ] Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4.5	0	PLASTIC	0	755	

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 7
ft. to ft. No. of sacks used
Method used SLURRIED & POURED
Cemented by REX BIBLE
Distance to septic system field lines or other concentrated contamination 154 ft.
Method of verification of above distance STEEL TAPE

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed [Rule 338.44(2)(A)]
[X] Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
[ ] Pitless Adapter Used [Rule 338.44(3)(b)]
[ ] Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL:
Static level 300 ft. below land surface Date 6/23/98
Artesian flow gpm. Date

12) PACKERS:

	Type	Depth
1	PLASTIC	20
1		475

FILE ID EMP # JUL 20 1998 SLO # DISCSEO

13) TYPE PUMP:
[ ] Turbine [ ] Jet [X] Submersible [ ] Cylinder
[ ] Other NOT YET SET
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [X] Jetted [X] Estimated
Yield: 40+ gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? [ ] Yes [X] No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME BEE CAVE DRILLING (Type or print) WELL DRILLER'S LICENSE NO. 2750 WPKL

ADDRESS 10324 W. BEE CAVE RD. (Street or RFD) AUSTIN (City) TX (State) 78733 (Zip)

(Signed) Rex W. Bible (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 05-21-96) White - TNRCC Yellow - DRILLER Pink - WELL OWNER

MAP ID# 20 **Distance from Property: 0.53 mi. NW**

TRACK #: **135355**
DATE ENTERED: **2008-02-26**
OWNER NAME: **DUMAS HOME BUILDING**
OWNER ADDRESS: **9907 LONGHORN SKYWAY**
DRIPPING SPRINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.253334000** LONGITUDE: **-98.032222000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=135355&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2007-11-29**
DRILLING DATE (COMPLETED): **2007-11-29**
DEPTH DRILLED: **50'**

WATER LEVEL:
STATIC LEVEL: **509.6'**
WATER LEVEL DATE: **2007-12-05**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **CENTRAL TEXAS DRILLING, INC.**
COMPANY ADDRESS: **2520 HWY. 290 WEST**
DRIPPING SPRINGS, TX 78620

MAP ID# 21 **Distance from Property: 0.53 mi. WSW**

TRACK #: **41224**
DATE ENTERED: **2004-07-21**
OWNER NAME: **R.G. KEEN**
OWNER ADDRESS: **6605 LAKEWOOD PT COVE**
AUSTIN, TX 78750
COUNTY: **HAYS**
LATITUDE: **30.242694000** LONGITUDE: **-98.034647000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=41224&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2004-06-23**
DRILLING DATE (COMPLETED): **2004-06-23**
DEPTH DRILLED: **30'**

WATER LEVEL:
STATIC LEVEL: **386'**
WATER LEVEL DATE: **2004-06-24**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **BEE CAVE DRILLING, INC.**
COMPANY ADDRESS: **185 ANGEL FIRE DR.**
DRIPPING SPRINGS, TX 78620

MAP ID# 22 **Distance from Property: 0.55 mi. WNW**

TRACK #: **507490**
DATE ENTERED: **2019-04-04**
OWNER NAME: **JARROD AND KELLI MURDOCK**
OWNER ADDRESS: **418 FRONTERA RANCH COVE**
DRIPPING SPRINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.252133000** LONGITUDE: **-98.033683000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=507490&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2019-02-25**
DRILLING DATE (COMPLETED): **2019-02-25**
DEPTH DRILLED: **50'**

WATER LEVEL:
STATIC LEVEL: **569'**
WATER LEVEL DATE: **2019-02-25**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **ASSOCIATED DRILLING INC**
COMPANY ADDRESS: **PO BOX 673**
DRIPPING SPRINGS, TX 78620

MAP ID# 23 **Distance from Property: 0.55 mi. SW**

TRACK #: **156856**
DATE ENTERED: **2008-10-21**
OWNER NAME: **CARTER KING**
OWNER ADDRESS: **12250 TRAUTWEIN RD**
AUSTIN, TX 78737
COUNTY: **HAYS**
LATITUDE: **30.237222000** LONGITUDE: **-98.027222000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=156856&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2008-06-24**
DRILLING DATE (COMPLETED): **2008-08-25**
DEPTH DRILLED: **660'**

WATER LEVEL:
STATIC LEVEL: **360'**
WATER LEVEL DATE: **2008-08-25**
TYPE OF WATER: **GOOD**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **WHISENANT & LYLE WATER SERVICES INC**
COMPANY ADDRESS: **P.O. BOX 525**
DRIPPING SPRINGS, TX 78620

MAP ID# 24 **Distance from Property: 0.56 mi. NW**

TRACK #: **171288**
DATE ENTERED: **2009-03-17**
OWNER NAME: **STOCK LENDING SUPPLY**
OWNER ADDRESS: **4501 BURLESON RD**
AUSTIN, TX 78744
COUNTY: **HAYS**
LATITUDE: **30.253173000** LONGITUDE: **-98.033002000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=171288&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2009-03-09**
DRILLING DATE (COMPLETED): **2009-03-10**
DEPTH DRILLED: **805'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **APEX DRILLING, INC.**
COMPANY ADDRESS: **P O BOX 867**
MARBLE FALLS, TX 78654

MAP ID# 25 **Distance from Property: 0.59 mi. W**

TRACK #: **179624**
DATE ENTERED: **2009-05-27**
OWNER NAME: **DALE MOORE**
OWNER ADDRESS: **1414 PEPPERTREE**
HOUSTON, TX 77015
COUNTY: **HAYS**
LATITUDE: **30.248056000** LONGITUDE: **-98.035834000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=179624&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2004-06-18**
DRILLING DATE (COMPLETED): **2004-06-18**
DEPTH DRILLED: **40'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **CENTRAL TEXAS DRILLING, INC.**
COMPANY ADDRESS: **2520 HWY 290 W**
DRIPPING SPRINGS, TX 78620

MAP ID# 26 **Distance from Property: 0.60 mi. WNW**

TRACK #: **198917**
DATE ENTERED: **2009-11-12**
OWNER NAME: **RELIANCE CUSTOM HOME**
OWNER ADDRESS: **1410 SHELTON RANCH ROAD**
DRIPPING SPRINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.252455000** LONGITUDE: **-98.034392000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=198917&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2009-10-19**
DRILLING DATE (COMPLETED): **2009-10-20**
DEPTH DRILLED: **60'**

WATER LEVEL:
STATIC LEVEL: **540'**
WATER LEVEL DATE: **2009-10-28**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **ASSOCIATED DRILLING CO.**
COMPANY ADDRESS: **P.O. BOX 1060**
MANCHACA, TX 78652

MAP ID# 27 **Distance from Property: 0.61 mi. ESE**

TRACK #: **541565**
DATE ENTERED: **2020-04-23**
OWNER NAME: **JIM SPRY**
OWNER ADDRESS: **14105 FIZHUGH ROAD**
AUSTIN, TX 78736
COUNTY: **TRAVIS**
LATITUDE: **30.241883000** LONGITUDE: **-98.010467000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=541565&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2020-03-25**
DRILLING DATE (COMPLETED): **2020-03-25**
DEPTH DRILLED: **50'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **2020-03-25**
TYPE OF WATER: **HOSSTON TRINITY**

TYPE OF WORK:
NEW WELL

PROPOSED USE:
DOMESTIC

COMPANY INFORMATION:
COMPANY NAME: **ASSOCIATED DRILLING INC**
COMPANY ADDRESS: **PO BOX 673**
DRIPPING SPRINGS, TX 78620

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 28 **Distance from Property: 0.62 mi. N**

ID NUMBER:	**TX28597**
STATE ID :	**57-48-9**
OWNER NAME:	**LUELLA GALBRAITH**
DATE DRILLED:	**08/19/1988**
DEPTH DRILLED:	**400'**
STATIC LEVEL:	**240'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-98.027288000**
LATITUDE:	**30.256820000**

2 PAGE(S) OF DRILLERS' LOGS


Eugene Reimers
Luella Galbraith
LEGEND
GENERAL HIGHWAY MAP
TRAVIS COUNTY
TEXAS
STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION
TRANSPORTATION PLANNING DIVISION
IN COOPERATION WITH THE
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
1971
HIGHWAYS REVISED TO APRIL 1, 1970
TRAVIS COUNTY TEXAS 227
AUSTIN
BURNET COUNTY
WILLIAMSON COUNTY
CALDWELL COUNTY
BLANCO COUNTY

Please use Black ink.
Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Luella Galbraith (Name) Address 1613 Taylor Gaines, Austin, TX 78741 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Travis 1 miles in N (N.E., S.W., etc.) direction from Fitzhugh Church (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☒ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☐ Driven ☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 8-19-1988 Completed 8-19-1988

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6	Surface	
6	290	400

From (ft.)	To (ft.)	Description and color of formation material
	290	Old Well
290	320	Gray Rock
320	340	Lt. Gray Rock
340	360	Gray Lime
360	375	Lt. Gray Rock
375	380	Broken Gray Rock (30-40 Water Bearing)
380	400	Gray Rock
		30-40 GPM

RECEIVED
NOV 16 1988
TEXAS WATER COMMISSION

(Use reverse side if necessary)

7) BOREHOLE COMPLETION:
☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing	Gage Screen

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
_____ ft. to _____ ft. No. of Sacks Used _____
Method used _____
Cemented by _____

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 240 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 30-40 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Raymond Whisenant & Son, Inc. (Type or Print) Water Well Driller's License No. 454

ADDRESS P.O. Box 525, Dripping springs, TX 78620 (Street or RFD) (City) (State) (Zip)

(Signed) Raymond Whisenant (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only Well No. 57-48-9 Located on map _____

TWC-0392 (Rev. 06-10-85) TEXAS WATER COMMISSION COPY

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 28 **Distance from Property: 0.62 mi. N**

STATE ID:	**57-48-903**
OWNER'S NAME:	**N.O. CRUMLEY**
DATE DRILLED:	**00/00/1964**
DEPTH DRILLED:	**287'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-98.027288000**
LATITUDE:	**30.256820000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/5748903/5748903.pdf**

GW 1

TEXAS WATER DEVELOPMENT BOARD

WELL SCHEDULE

Aquifer Kgl Kgu Field No. State Well No. 57-48-903

Owner's Well No. County Travis

1. Location: 1/4, 1/4 Sec., Block, Survey
2 mi. N. of Fitzhugh Baptist Church
2. Owner: N.O. Crumley Address: 908 W. Mary, Austin
Tenant: Address:
Driller: Sterling Drlg. Co. Address: Austin
3. Elevation of LSD is 1090 ft. above msl, determined by 7½ topo
4. Drilled: 3/18 1964; Dug, Cable Tool, (Rotary), 8¾" hole
5. Depth: Rept. 287 ft. Meas. ft.
6. Completion: (Open Hole), Straight Wall, Underreamed, Gravel Packed
7. Pump: Mfgr. Red Jacket Type Subm.
No. Stages, Bowls Diam. in., Setting ft.
Column Diam. in., Length Tailpipe ft.
8. Motor: Fuel Elec Make & Model HP.
9. Yield: Flow gpm, Pump 15 gpm, Meas., (Rept.) Est. Drlr.
10. Performance Test: Date 3/64 Length of Test Made by Dale (Butler)
Static Level 217 ft. Pumping Level 217 ft. Drawdown 0 ft.
Production 15 gpm Specific Capacity gpm/ft.

CASING & BLANK PIPE — Cemented From ft. to ft.

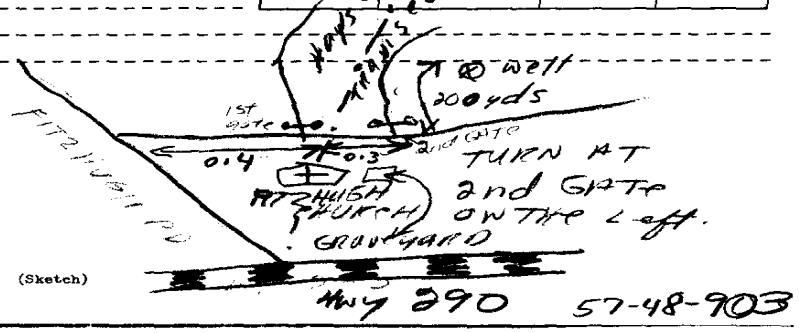
Diam. (in.)	Type	Setting, ft. from	to
7	Steel	0	21.5

11. Water Level: 217 ft. (rept) meas. 3/18 1964 above (below) LSD — which is ft. above surface.
191.8 ft. rept. meas. 2-4- 1967 above (below) LSD 1½" HOLE IN TOP STEEL PLATE-REMOVE PLUG — which is 0.8 ft. (above) below surface.
ft. rept. meas. 19 above below — which is ft. above surface.
ft. rept. meas. 19 above below — which is ft. above surface.
12. Use: (Dom.) Stock, Public Supply, Ind., Irr., Waterflooding, Observation, Not Used,
13. Quality: (Remarks on taste, odor, color, etc.)
Temp. 60 °F, Date sampled for analysis 2-4-67 Laboratory TSHD
Temp. °F, Date sampled for analysis Laboratory
Temp. °F, Date sampled for analysis Laboratory

WELL SCREEN — Screen Openings 265.5'

Diam. (in.)	Type	Setting, ft. from	to
	OPEN HOLE	21.5	287

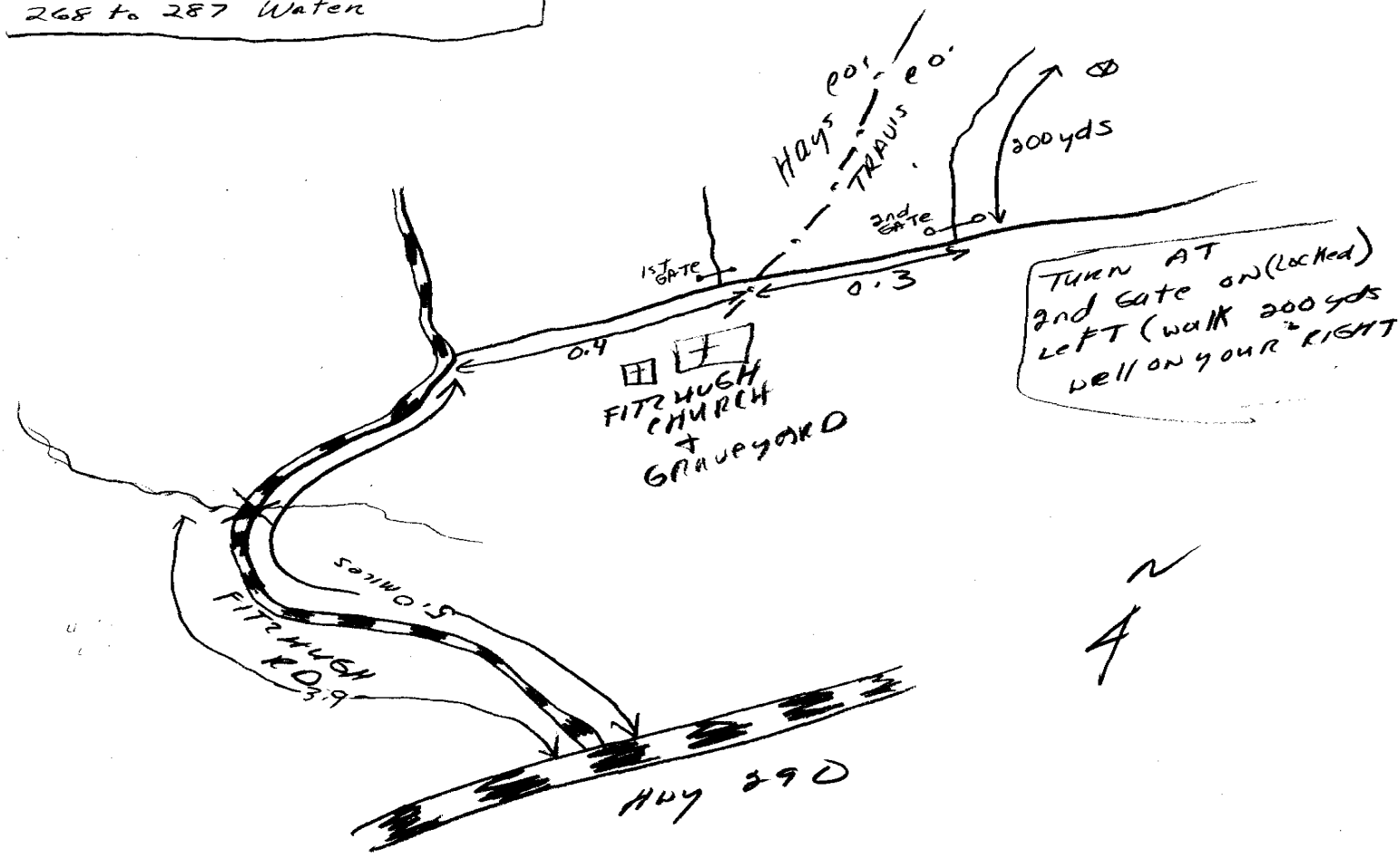
14. Other data available as circled: (Driller's Log), Radioactivity Log, Electric Log,
Formation Samples, Pumping Test, Drlg See Back
15. Record by: R. Blunt Jr Date 4/19 1966
Source of Data DLT+WDR
16. Remarks:



N. O. Crumley (West) (Sketch) 57-48-903

14.) Drillers Log

0 to 1 Top Soil
1 to 23 Hard Lime
23 to 75 Broken Lime
75 to 225 Blue Lime
225 to 240 Gray Sandy Lime
240 to 268 Hard Sandy Lime
268 to 287 Water



File or... al copy with Texas Water Commission P. O. Box 2311, Capitol Station Austin 11, Texas

State of Texas

DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No.
Located on map
By Date
Map no.

1) Well Owner: N. C. Orumley 908 West Mary Austin Texas
2) Land Owner:
3) Intended use: Industrial ☐ Municipal ☐ Irrigation ☐ Other Household
4) Location of well: County TRAVIS Labor League Abstract No.
NW NE SW SE of Section Block No. Survey

2 miles in N direction from Fitzhugh Baptist Church

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 8 3/4 in. Date drilled 3-18-64

All measurements made from ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
0	1	Top Soil			
1	23	Hard Lime			
23	75	Broken Lime			
75	215	Blue Lime			
215	240	Grey Sandy Lime			
240	264	Hard "			
264	287	Water			

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION
Straight wall ☐
Under reamed ☐
Gravel packed ☐
Open hole ☑
Other

CASING
Type: Old ☑ New ☐
Cemented from ft.
to ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
7"	0	21' 6"

SCREEN
Type
Perforated ☐ Slotted ☐

Diameter (inches)	Setting from (ft)	Setting to (ft)

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

O. T. Slaughter Slaughter Drilling Co. Reg. No. 726

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA

Static water level 217
ft. below Surface

Pumping level feet	hours	gpm
Bailed	1.5	Dry Hole
Could not Test		

Pump type
Designed pumping rate gpm ☐ gph ☐
Type power unit
Horsepower
Depth to bowls, cylinder, jet, etc., ft. below pump base

YD 57-48-903

Name of contractor testing well or installing permanent pump if other than your company:

C-34 (62-4)

GW 2

CHEMICAL WATER ANALYSIS REPORT

Typewrite (Black ribbon) or Print Plainly
(soft pencil or black ink)
Do not use ball point pen

Texas State Department of Health Laboratories
1100 West 49th Street
Austin 5, Texas

Send report to:

Ground Water Division
Texas Water Development Board
P. O. Box 12386
Austin, Texas 78711

County TRAVIS

State Well No YD-57-48-903

Well No.

Date Collected 2-4-69

By H. NICHOLS

Location 4.0 MILES N. OF HWY 290 ON FITZHUGH RD.

Source (type of well) Subm. ELEC. Owner N. O. CRUMLEY

Date Drilled 3-18-64 Depth 287 ft. WBF

Producing intervals OPEN HOLE 22-287 Water level 191.0 Below LSD ft.

Sampled after pumping 15 MIN. hrs. Yield ? GPM meas. est. Temperature 60 °F °C

Point of collection Faucet AT Well Appearance CLEAR
clear - turbid - colored

Use DOM./STOCK Remarks Send Copy To: N.O. CRUMLEY 908. West MARY AUSTIN, TEXAS

FOR LABORATORY USE ONLY

CHEMICAL ANALYSIS

KEY PUNCHED

Laboratory No. 116272W Date Received FEB 7 1969 Date Reported FEB 18 1969

	MG/L	ME/L		MG/L	ME/L
Silica	13		Carbonate	0	0
Calcium	290	14.52	Bicarbonate	224 455	7.46
Magnesium	168	13.81	Sulfate	1000	20.81
Sodium	24	1.06	Chloride	33	0.93
Total		29.39	Fluoride	4.0	0.21
☐ Potassium			Nitrate	0.5	
☐ Manganese		%Na	pH 7.2	Total	29.41
☐ Boron		SAR	1/ Dissolved Solids (sum)	1760	
☐ Total Iron		RSC	Phenolphthalein Alkalinity as C aCO_3	0	
☐ (other)			Total Alkalinity as C aCO_3	(7.46) 373	
Specific Conductance (micromhos/cm3)	2100		Total Hardness as C aCO_3	(28.33) 1420	
Diluted Conductance (micromhos/cm3)	26 x 126 = 3276				

"☐" items will be analyzed if checked.

Total Iron requires separate sample.

FEB 18 1969

Analyst

Checked by

1/ The bicarbonate reported in this analysis is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.

MAP ID# 29 **Distance from Property: 0.63 mi. WNW**

TRACK #: **49940**
DATE ENTERED: **2004-12-14**
OWNER NAME: **WALT GRANER**
OWNER ADDRESS: **3006 BEE CAVES RD. B 160**
AUSTIN, TX 78746
COUNTY: **HAYS**
LATITUDE: **30.251945000** LONGITUDE: **-98.035278000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=49940&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2004-11-04**
DRILLING DATE (COMPLETED): **2004-11-04**
DEPTH DRILLED: **30'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **BEE CAVE DRILLING, INC.**
COMPANY ADDRESS: **185 ANGELFIRE DR.**
DRIPPING SPRINGS, TX 78620

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 29 **Distance from Property: 0.63 mi. WNW**

STATE ID:	**57-48-912**
OWNER'S NAME:	**WALT GRANER FRONTERA OW-1**
DATE DRILLED:	**11/04/2004**
DEPTH DRILLED:	**770'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-98.035278000**
LATITUDE:	**30.251945000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/5748912/5748912.pdf**

MAP ID# 30 **Distance from Property: 0.64 mi. W**

TRACK #: **76808**
DATE ENTERED: **2006-02-21**
OWNER NAME: **STEVE BEARD**
OWNER ADDRESS: **12319 TRIPLE CREEK CIRCLE**
DRIPPING SPRINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.244464000** LONGITUDE: **-98.037119000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=76808&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2006-01-12**
DRILLING DATE (COMPLETED): **2006-01-13**
DEPTH DRILLED: **13'**

WATER LEVEL:
STATIC LEVEL: **424'**
WATER LEVEL DATE: **2006-01-16**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **BEE CAVE DRILLING, INC.**
COMPANY ADDRESS: **185 ANGELFIRE DR.**
DRIPPING SPRINGS, TX 78620

MAP ID# 31 **Distance from Property: 0.65 mi. ESE**

TRACK #: **422837**
DATE ENTERED: **2016-05-20**
OWNER NAME: **JIM SPRY**
OWNER ADDRESS: **12330A PAULS VALLEY RD.**
AUSTIN, TX 78737
COUNTY: **TRAVIS**
LATITUDE: **30.240833000** LONGITUDE: **-98.010278000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=422837&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2016-04-25**
DRILLING DATE (COMPLETED): **2016-04-25**
DEPTH DRILLED: **50'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **LOWER TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **ASSOCIATED DRILLING INC**
COMPANY ADDRESS: **PO BOX 673**
DRIPPING SPRINGS, TX 78620

MAP ID# 32 **Distance from Property: 0.65 mi. W**

TRACK #: **432581**
DATE ENTERED: **2016-09-26**
OWNER NAME: **PAT SARGENT**
OWNER ADDRESS: **15601 FITZHUGH RD.**
DRIPPING SPRINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.246217000** LONGITUDE: **-98.037217000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=432581&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2016-07-27**
DRILLING DATE (COMPLETED): **2016-07-27**
DEPTH DRILLED: **60'**

WATER LEVEL:
STATIC LEVEL: **496.7'**
WATER LEVEL DATE: **2016-07-27**
TYPE OF WATER: **LOWER TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **CENTEX PUMP & SUPPLY, INC.**
COMPANY ADDRESS: **2520 HWY. 290 WEST**
DRIPPING SPRINGS, TX 78620

MAP ID# 33 **Distance from Property: 0.66 mi. NW**

TRACK #: **483309**
DATE ENTERED: **2018-06-29**
OWNER NAME: **WEBB EVANS**
OWNER ADDRESS: **345 WHISPERING WIND WAY**
AUSTIN, TX 78737
COUNTY: **HAYS**
LATITUDE: **30.254967000** LONGITUDE: **-98.033467000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=483309&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2018-05-09**
DRILLING DATE (COMPLETED): **2018-05-09**
DEPTH DRILLED: **100'**

WATER LEVEL:
STATIC LEVEL: **587'**
WATER LEVEL DATE: **2018-05-16**
TYPE OF WATER: **LOWER TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **CENTEX PUMP & SUPPLY, INC.**
COMPANY ADDRESS: **2520 HWY. 290 WEST**
DRIPPING SPRINGS, TX 78620

MAP ID# 34 **Distance from Property: 0.67 mi. NW**

TRACK #: **49944**
DATE ENTERED: **2004-12-14**
OWNER NAME: **WALT GRANER**
OWNER ADDRESS: **3006 BEE CAVES RD. B 160**
AUSTIN, TX 78746
COUNTY: **HAYS**
LATITUDE: **30.253889000** LONGITUDE: **-98.034722000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=49944&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2004-11-05**
DRILLING DATE (COMPLETED): **2004-11-06**
DEPTH DRILLED: **770'**

WATER LEVEL:
STATIC LEVEL: **505'**
WATER LEVEL DATE: **2004-11-08**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **BEE CAVE DRILLING, INC.**
COMPANY ADDRESS: **185 ANGELFIRE DR.**
DRIPPING SPRINGS, TX 78620

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 34 **Distance from Property: 0.67 mi. NW**

STATE ID:	**57-48-911**
OWNER'S NAME:	**WALT GRANER FRONTERA PW-1**
DATE DRILLED:	**11/06/2004**
DEPTH DRILLED:	**770'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-98.034722000**
LATITUDE:	**30.253889000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/5748911/5748911.pdf**

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 35 **Distance from Property: 0.67 mi. WSW**

ID NUMBER:	**TX214378**
STATE ID :	**58-49-2**
OWNER NAME:	**JOHN HALL**
DATE DRILLED:	**07/08/1999**
DEPTH DRILLED:	**630'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-98.036966000**
LATITUDE:	**30.242335000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** HALL, JOHN (Name) **ADDRESS** P. O. BOX 129 (Street or RFD) MANCHACA, (City) TX. (State) 78652-0129 (Zip)

2) **ADDRESS OF WELL:** County HAYS 12304 TRIPLE CR. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip) GRID # 58-49-2

3) TYPE OF WORK (Check):
☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 13.67 W 097° 56.64

6) WELL LOG:
Date Drilling: Started 07-08- 19 99 Completed 07-08- 19 99

DIAMETER OF HOLE		
Dia.. (in.)	From (ft.)	To (ft.)
8 3/4"	Surface	12'
6"	12'	630'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	1	LEDGEROCK
1	18	CALICHE
18	26	BLUE
26	580	GRAY
580	585	GRAY W/CLAY
585	625	GRAY W/TAN
625	630	HAMMID CLAY

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5 OD	N	PVC PLASTIC	0	630	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 30 ft. No. of sacks used 5
ft. to ft. No. of sacks used
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance WELL DRILLED FIRST

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ____ ft. below land surface Date ____
Artesian flow ____ gpm Date ____

12) PACKERS:

	Type	Depth
3	BURLAP & PLASTIC	30', 490', 510'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 30-35 gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? GLENROSE Depth of strata 35
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #4227

ADDRESS 2520 HWY. 290 WEST (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) Aaron Glass (Licensed Well Driller) ID (Signed) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

APP # APR 3 3 2000
COMMENT

TNRCC-0199 (Rev. 11-1-94) DRILLERS COPY TNRCC COPY OWNERS COPY

MAP ID# 36 **Distance from Property: 0.67 mi. W**

TRACK #: **60083**
DATE ENTERED: **2005-06-01**
OWNER NAME: **MARCELINO ACOSTA**
OWNER ADDRESS: **7107 WESTGATE BLVD.**
AUSTIN, TX 78745
COUNTY: **HAYS**
LATITUDE: **30.249032000** LONGITUDE: **-98.037059000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=60083&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2005-04-18**
DRILLING DATE (COMPLETED): **2005-04-18**
DEPTH DRILLED: **750'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **WESTERN WATER WELLS**
COMPANY ADDRESS: **500 SOUTHLAND DRIVE**
BURNET, TX 78611

MAP ID# 37 **Distance from Property: 0.68 mi. W**

TRACK #: **116073**
DATE ENTERED: **2007-07-05**
OWNER NAME: **CSME DEVELOPMENT**
OWNER ADDRESS: **P. O. BOX 100**
DRIFTWOOD, TX 78619
COUNTY: **HAYS**
LATITUDE: **30.247123000** LONGITUDE: **-98.037655000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=116073&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2007-05-04**
DRILLING DATE (COMPLETED): **2007-05-04**
DEPTH DRILLED: **50'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **CENTRAL TEXAS DRILLING, INC.**
COMPANY ADDRESS: **2520 HWY. 290 WEST**
DRIPPING SPRINGS, TX 78620

MAP ID# 38 **Distance from Property: 0.69 mi. SE**

TRACK #: **324088**
DATE ENTERED: **2013-07-15**
OWNER NAME: **JOE TERRY**
OWNER ADDRESS: **12345 PAULS VALLEY RD.**
AUSTIN, TX 78737
COUNTY: **HAYS**
LATITUDE: **30.237131000** LONGITUDE: **-98.012308000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=324088&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2013-06-10**
DRILLING DATE (COMPLETED): **2013-06-10**
DEPTH DRILLED: **100'**

WATER LEVEL:
STATIC LEVEL: **361'**
WATER LEVEL DATE: **2013-06-10**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **ASSOCIATED DRILLING INC.**
COMPANY ADDRESS: **12928 LOWDEN LN.**
MANCHACA, TX 78652

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 39 **Distance from Property: 0.69 mi. ESE**

STATE ID:	**57-56-301**
OWNER'S NAME:	**LESCO CORP**
DATE DRILLED:	**02/22/1972**
DEPTH DRILLED:	**420'**
WATER USAGE:	**UNUSED**
LONGITUDE:	**-98.008889000**
LATITUDE:	**30.241945000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/5756301/5756301.pdf**

TEXAS WATER DEVELOPMENT BOARD

WELL SCHEDULE

Aquifer Kgl Kfw + Kgw Field No. State Well No. 57-56-301

Owner's Well No. County Travis

1. Location: 1/4, 1/4 Sec., Block, Survey

2. Owner: Texas Corp. Address: 9325 Burnet Rd., Austin

Tenant: Paint mixing installation Address:

Driller: W.H. Glass Address: 2408 Manor Rd., Austin 78723

3. Elevation of LSD is 940 ft. above msl, determined by Topo

4. Drilled: 2-22 19 72; Dug, (Cable Tool), Rotary,

5. Depth: Rept. ft. Meas. 420 ft.

6. Completion: (Open Hole), Straight Wall, Underreamed, Gravel Packed

7. Pump: Mfgr. Type

No. Stages, Bowls Diam. in., Setting ft.

Column Diam. in., Length Tailpipe ft.

8. Motor: Fuel Make & Model HP.

9. Yield: Flow gpm, Pump gpm, Meas., Rept., Est.

10. Performance Test: Date Length of Test ½ hr. Made by

Static Level ft. Pumping Level ft. Drawdown 100 ft.

Production 8 gpm Specific Capacity gpm/ft.

CASING & BLANK PIPE — Cemented From 0 ft. to 6 ft.

Diam. (in.)	Type	Setting, ft. from	to
7	Steel	0	6

11. Water Level: 170 ft. (rept.) meas. 2-22 1972 (above) below which is ft. above below surface.

180.5 ft. rept. (meas.) 5-22 1972 above (below) Top casing which is 0.4 ft. above (below) surface.

108.9 ft. rept. (meas.) 6-29 1973 above (below) " which is " ft. above (below) surface.

ft. rept. meas. 19 above below which is ft. above below surface.

12. Use: (Dom.) Stock, Public Supply, Ind., Irr., Waterflooding, Observation, (Not Used)

13. Quality: (Remarks on taste, odor, color, etc.)

Temp. 72 °F, Date sampled for analysis 5-22-72 Laboratory SHD

Temp. °F, Date sampled for analysis Laboratory

Temp. °F, Date sampled for analysis Laboratory

WELL SCREEN — Screen Openings

Diam. (in.)	Type	Setting, ft. from	to
6¼	Open hole	6	420

14. Other data available as circled: Driller's Log, Radioactivity Log, Electric Log, Formation Samples, Pumping Test

15. Record by: M. Brown Date 5-12 19 72

Source of Data W.W. Reports

16. Remarks:

Good observation well

57-56-301

TWDBE-WD-2 (Sketch)

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No.
Located on map
Received:

1) OWNER:
Person having well drilled: Leco Corp. (Name) Address: 9325 Burnett Rd. (Street or RFD) Austin (City) Tx (State)
Landowner: Leco Corp. Jim Sinclair (Name) Address: Above (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County: Travis 21 miles in W. (N.E., S.W., etc.) direction from Austin (Town) Texas

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*
(Map reverse side) North
(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.
Labor League
Block Survey
Abstract No.
(NW¼ NE¼ SW¼ SE¼) of Section

3) TYPE OF WORK (Check): New Well ✓ Deepening Reconditioning Plugging

4) PROPOSED USE (Check): Domestic ✓ Industrial Municipal Irrigation Test Well Other

5) TYPE OF WELL (Check): Rotary Driven Dug Cable ✓ Jetted Bored

6) WELL LOG:
Diameter of hole 6 1/4 in. Depth drilled 420 ft. Depth of completed well 420 ft. Date drilled 2-22-72
All measurements made from top - 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	4	Surface
4	16	Yellow Rock
16	136	Gray Lyme
136	138	Soap Stone
138	214	Gray Lime
214	225	Water Sand
225	310	White Lime
310	407	Gray Lime
407	410	Soap Stone
410	420	Gray Lime

(Use reverse side if necessary)

9) Casing:
Type: Old ✓ New Steel ✓ Plastic Other
Cemented from top - ft. to 6 ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
7 O.D.	1 ft. Above	- 6 ft.	

10) SCREEN:
Type
Perforated Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size

7) COMPLETION (Check): Straight wall ✓ Gravel packed Other Under reamed Open Hole

8) WATER LEVEL:
Static level 170 ft. below land surface Date 2-22-72
Artesian pressure lbs. per square inch Date
Depth to pump bowls, cylinder, jet, etc., ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: gpm with ft. drawdown after hrs.
Bailer test 8 gpm with 100 ft. drawdown after 1/2 hrs.
Artesian flow gpm
Temperature of water

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No ✓
Type of water? Hard depth of strata 11 ft.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME W. H. Glass (Type or Print) Water Well Drillers Registration No. 91
ADDRESS 2408 Manor Rd. (Street or RFD) Austin (City) Texas (State) 78722
(Signed) W. H. Glass (Water Well Driller) W. Hugh Glass & Sons (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available. YD57-56-301

*Additional instructions on reverse side.

TWDBE-GW-53

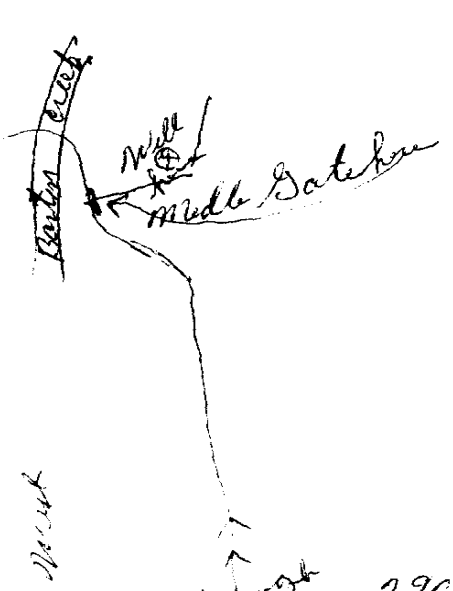
2)LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area. e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.



Drive out 290 West to Cedar Valley or Fitzhugh Rd. turn Right go about 3½ miles to Barton creek. about ½ mi before you get to Barton creek. turn Right through middle gate

58-56-3C

57-56-301

TWDBE-GW ONLY

Sta No. 110

Proj. No.

CHEMICAL WATER ANALYSIS REPORT

Typewrite (Black ribbon) or Print Plainly
(soft pencil or black ink)
Do not use ball point pen

Texas State Department of Health Laboratories
1100 West 49th Street
Austin 5, Texas

Send report to:

Ground Water Division
Texas Water Development Board
P.O. Box 13087
Austin, Texas 78711

County Travis

State Well No. 57 - 56 - 301

Well No.

Date Collected May 22, 1972

By S. Brune

Location

Source (type of well) Owner Texo Corp.

Date Drilled Depth ft. WLF

Producing intervals Water level ft.

Sampled after pumping [redacted] hrs. Yield GPM meas. est. Temperature °F °C

Point of collection Appearance clear - turbid - colored

Use Remarks

FOR LABORATORY USE ONLY

CHEMICAL ANALYSIS

KEY PUNCHED

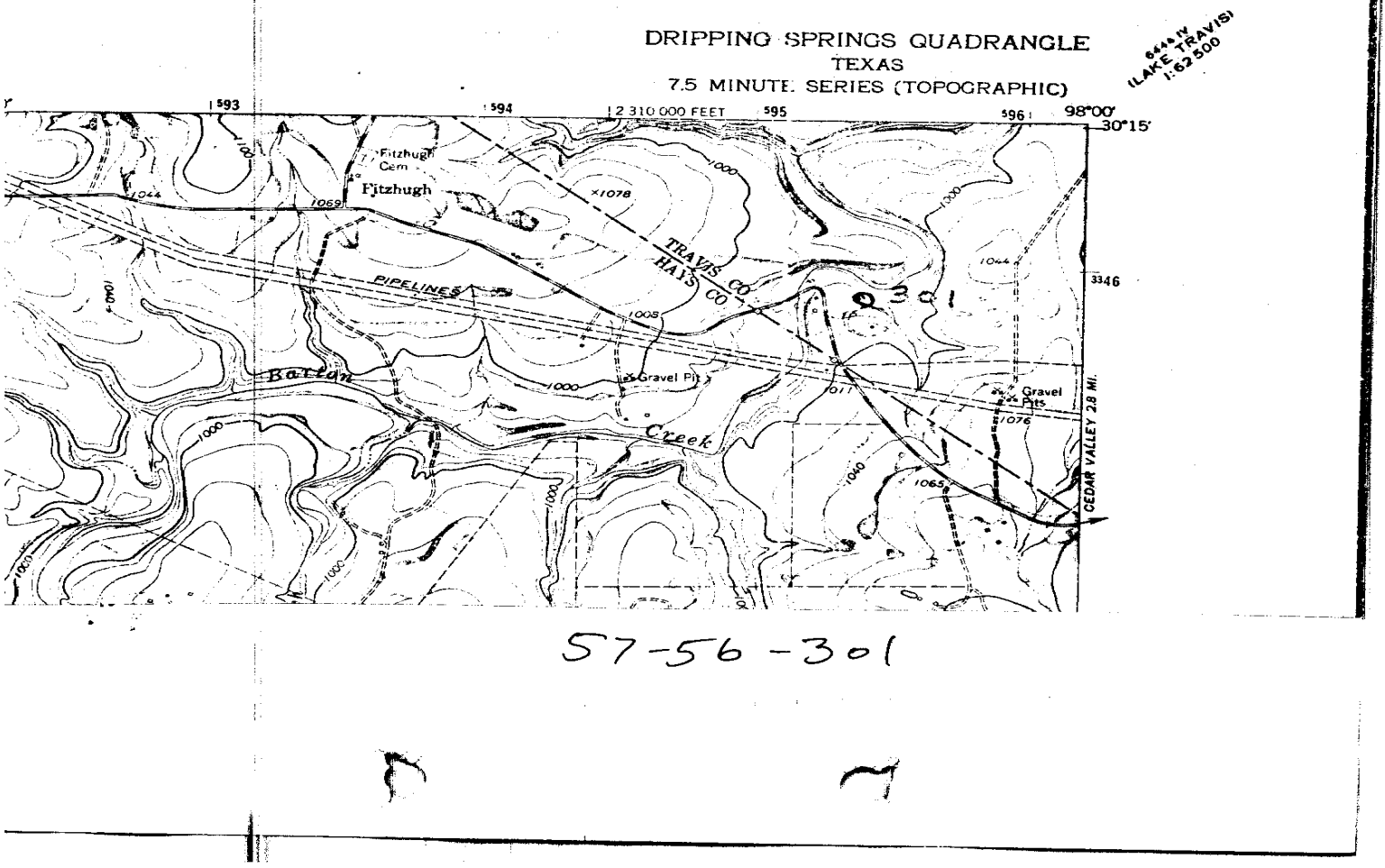
Laboratory [redacted] Date Received MAY 30 1972 Date Reported JUN. - 9. 1972

	MG/L	ME/L		MG/L	ME/L
Silica	4		Carbonate		0
Calcium	309	15.44	Bicarbonate	295	4.84
Magnesium	206	16.96	Sulfate	1330	27.72
Sodium	45	1.94	Chloride	42	1.17
	Total	34.34	Fluoride	3.1	0.16
☐ Potassium			Nitrate	<0.4	[redacted]
☐ Manganese		Na		pH 7.8	Total 33.89
☐ Boron		SAR		1/Dissolved Solids (sum)	2080
☐ Total Iron		RSC		Phenolphthalein Alkalinity as C sCO_3	0
☐ (other)				Total Alkalinity as C sCO_3 (4.84)	242
Specific Conductance (micromhos/cm3)	2300			Total Hardness as C sCO_3 (32.40)	1620
Diluted Conductance (micromhos/cm3)	36 x 110				
"☐" items will be analyzed if checked.	3960		Analyst		
Total Iron requires separate sample.			Checked by		

1/ The bicarbonate reported in this analysis is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.

TWDBE-GW-50

From (ft.)	To (ft.)	Description and color of formation material
0	4	Surface
4	16	Yellow Rock
16	136	Gray Lime
136	138	Soap Stone
138	214	Gray Lime
214	225	Water Sand
225	310	White Lime
310	407	Gray Lime
407	410	Soap Stone
410	420	Gray Lime



57-56-301

MAP ID# 40 **Distance from Property: 0.70 mi. WSW**

TRACK #: **428112**
DATE ENTERED: **2016-07-28**
OWNER NAME: **MIKE CULLENDER/ENDRES JOB**
OWNER ADDRESS: **12417 TRIPLE CREEK DRIVE**
DRIPPING SPRINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.240119000** LONGITUDE: **-98.036258000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=428112&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2016-05-24**
DRILLING DATE (COMPLETED): **2016-05-24**
DEPTH DRILLED: **50'**

WATER LEVEL:
STATIC LEVEL: **465'**
WATER LEVEL DATE: **2016-05-24**
TYPE OF WATER: **LOWER TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **CENTEX PUMP & SUPPLY, INC.**
COMPANY ADDRESS: **2520 HWY. 290 WEST**
DRIPPING SPRINGS, TX 78620

MAP ID# 41 **Distance from Property: 0.71 mi. SSE**

TRACK #: **83045**
DATE ENTERED: **2006-05-17**
OWNER NAME: **ALI ARABZADEGAN**
OWNER ADDRESS: **12720 PAULS VALLEY ROAD**
AUSTIN, TX 78737
COUNTY: **HAYS**
LATITUDE: **30.233611000** LONGITUDE: **-98.017500000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=83045&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2006-05-08**
DRILLING DATE (COMPLETED): **2006-05-10**
DEPTH DRILLED: **20'**

WATER LEVEL:
STATIC LEVEL: **280'**
WATER LEVEL DATE: **2006-05-15**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **ASSOCIATED DRILLING CO.**
COMPANY ADDRESS: **P.O. BOX 1060**
MANCHACA, TX 78652

MAP ID# 42 **Distance from Property: 0.72 mi. SE**

TRACK #: **541568**
DATE ENTERED: **2020-04-23**
OWNER NAME: **JIM SPRY**
OWNER ADDRESS: **12400 PAULS VALLEY ROAD**
DRIPPING SPRINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.236400000** LONGITUDE: **-98.012333000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=541568&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2020-03-26**
DRILLING DATE (COMPLETED): **2020-03-26**
DEPTH DRILLED: **50'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **2020-03-26**
TYPE OF WATER: **HOSTON TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **ASSOCIATED DRILLING INC**
COMPANY ADDRESS: **PO BOX 673**
DRIPPING SPRINGS, TX 78620

MAP ID# 43 **Distance from Property: 0.73 mi. WNW**

TRACK #: **231851**
DATE ENTERED: **2010-10-05**
OWNER NAME: **RELIANCE CUSTOM HOMES**
OWNER ADDRESS: **1410 SHELTON RANCH RD**
DRIPPING SPRINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.252778000** LONGITUDE: **-98.036667000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=231851&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2010-08-05**
DRILLING DATE (COMPLETED): **2010-08-07**
DEPTH DRILLED: **120'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **ASSOCIATED DRILLING CO.**
COMPANY ADDRESS: **P.O. BOX 1060**
MANCHACA, TX 78652

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 44 **Distance from Property: 0.73 mi. WSW**

ID NUMBER:	**TX184331**
STATE ID :	**N/A**
OWNER NAME:	**HAROLD DAVIS**
DATE DRILLED:	**03/03/2000**
DEPTH DRILLED:	**740'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-98.038238000**
LATITUDE:	**30.242856000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER DAVIS, HAROLD (Name) ADDRESS 12315 TRIPLE CR. DR. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip)

2) ADDRESS OF WELL: County HAYS 12315 TRIPLE CR. DR. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip) GRID # _____

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 14.51" W 098° 02.30"

6) WELL LOG:
Date Drilling: Started 03-03- 20 00 Completed 03-03- 20 00

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
8 ¾"	Surface	10'
6"	10'	740'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other _____

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	2	LEDGEROCK
20	25	CALICHE
25	32	BLUE LIME
32	480	GRAY LIME
480	560	HAMMID CLAY
560	580	GRAY SHELL
580	740	RED & TAN SANDSTONE

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5 OD	N	PVC PLASTIC	0	740	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 4
_____ ft. to _____ ft. No. of sacks used _____
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance WELL DRILLED FIRST

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level _____ ft. below land surface Date _____
Artesian flow _____ gpm Date _____

12) PACKERS:

	Type	Depth
3	BURLAP & PLASTIC	20', 560', 580'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 40-50 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 45'
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING COMPANY (Type or print) WELL DRILLER'S LICENSE NO. #4227

ADDRESS 2520 HWY. 290 WEST (Street or RFD) DRIPPING SPRINGS, (City) TEXAS (State) 78620 (Zip)

(Signed) Aaron Hood (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94)
WELL OWNER'S COPY DRILLER'S COPY TNRCC COPY

184331

MAP ID# 45 **Distance from Property: 0.73 mi. W**

TRACK #: **433208**
DATE ENTERED: **2000-08-02**
OWNER NAME: **GARY LAFAYETTE**
OWNER ADDRESS: **3108 WHITEWAY DR**
AUSTIN, TX 78757
COUNTY: **HAYS**
LATITUDE: **30.245500000** LONGITUDE: **-98.038667000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=433208&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2000-05-29**
DRILLING DATE (COMPLETED): **2000-05-29**
DEPTH DRILLED: **10'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **CENTEX PUMP & SUPPLY, INC.**
COMPANY ADDRESS: **2520 HWY. 290 WEST**
DRIPPING SPRINGS, TX 78620

MAP ID# 46 **Distance from Property: 0.75 mi. ESE**

TRACK #: **377567**
DATE ENTERED: **2014-10-10**
OWNER NAME: **JOE TERRY**
OWNER ADDRESS: **14101 FITZHUGH RD.**
AUSTIN, TX 78737
COUNTY: **HAYS**
LATITUDE: **30.237222000** LONGITUDE: **-98.010834000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=377567&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2014-08-20**
DRILLING DATE (COMPLETED): **2014-08-20**
DEPTH DRILLED: **50'**

WATER LEVEL:
STATIC LEVEL: **462'**
WATER LEVEL DATE: **2014-08-20**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **ASSOCIATED DRILLING INC.**
COMPANY ADDRESS: **PO BOX 673**
DRIPPING SPRINGS, TX 78620

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 47 **Distance from Property: 0.76 mi. W**

ID NUMBER:	**TX32355**
STATE ID :	**14-57-9**
OWNER NAME:	**DAN MCKINNEY**
DATE DRILLED:	**06/30/1998**
DEPTH DRILLED:	**670'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-98.039167000**
LATITUDE:	**30.245556000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER MCKINNEY, DAN (Name) ADDRESS 363-B FANTAIL LOOP (Street or RFD) AUSTIN, (City) TEXAS (State) 78734 (Zip)

2) ADDRESS OF WELL: County HAYS 12221 TRIPLE CR. CIRCLE (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip) GRID # 14-57-9

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell

If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 34° 00.000' W098° 54. 375' N

6) WELL LOG: Date Drilling: Started 06-30- 19 98 Completed 06-30- 19 98

DIAMETER OF HOLE		
Dia.. (in.)	From (ft.)	To (ft.)
8"	Surface	10'
6"	10'	670'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	12	CALICHE
12	22	BLUE LIME
22	230	GRAY LIME
230	235	WHITE
235	435	GRAY LIME
435	445	A LITTLE H20
445	500	GRAY LIME
500	550	HAMMID
550	630	TRINITY H20
630	670	RED

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ft. to ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5 OD	N	PVC	0	670	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 25 ft. No. of sacks used 6
ft. to ft. No. of sacks used
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance WELL DRILLED FIRST

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ft. below land surface Date
Artesian flow gpm Date

12) PACKERS:

	Type	Depth
3	BURLAP	30', 550', 670

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

14) WELL TESTS: Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40-50 gpm with ft. drawdown after hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 120'
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #4227

ADDRESS 25203 RANCH RD. 12 (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) Aaron Glass (Licensed Well Driller) (Signed) (Registered Driller Trainee) Lic ID

Please attach electric log, chemical analysis, and other pertinent information, if available.

EMP # SEQ # OCT 2 0 1998 DESC CO COMMENT TEMP

TNRCC-0199 (Rev. 11-1-94) DRILLERS COPY TNRCC COPY OWNERS COPY

TEXAS WATER DEVELOPMENT BOARD GROUNDWATER DATABASE (TWDB)

MAP ID# 47 **Distance from Property: 0.76 mi. W**

STATE ID:	**57-56-310**
OWNER'S NAME:	**DAN MCKINNEY**
DATE DRILLED:	**06/30/1998**
DEPTH DRILLED:	**670'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-98.039167000**
LATITUDE:	**30.245556000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/5756310/5756310.pdf**

MAP ID# 48 **Distance from Property: 0.76 mi. NNW**

ID NUMBER:	**TX239112**
STATE ID :	**57-48-9**
OWNER NAME:	**DALE OLDENKAMP**
DATE DRILLED:	**10/05/2002**
DEPTH DRILLED:	**810'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-98.030152000**
LATITUDE:	**30.258366000**

1 PAGE(S) OF DRILLERS' LOGS

Customer says that this is Travis County.

Send original copy by certified mail to: TNRCC, P.O. Box 12157, ...stin, TX 78711 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 12157
Austin, TX 78711
512-463-7880

1) OWNER OLDENKAMP, DALE (Name) ADDRESS 11201-14 BONHAM RANCH RD,DRIPPING SPRINGS, (Street or RFD) (City) TX. (State) 78620 (Zip)

2) ADDRESS OF WELL: County TRAVIS 11201-14 BONHAM RANCH RD. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip) GRID # 57-49-9

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 16.50 W 098° 01.82

6) WELL LOG:
Date Drilling: Started 10-05-20 02 Completed 10-05-20 02

DIAMETER OF HOLE		
Dia.. (in.)	From (ft.)	To (ft.)
	Surface	
9"	0	40'
6"	40'	810'

7) DRILLING METHOD (Check): ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOP SOIL
2	18	CALICHE
18	22	BLUE LIME
22	330	GRAY
330	335	WHITE
335	380	GRAY
380	480	GRAY/TAN
480	510	TAN
510	575	GRAY
575	620	HAMMID CLAY
620	650	GRAY/RED CLAY
650	680	GRAY/TAN
680	810	RED

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5 OD	N	PVC	+2	810'	SDR17

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 40 ft. No. of sacks used 12
ft. to ft. No. of sacks used
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance WELL DRILLED FIRST

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ____ ft. below land surface Date ____
Artesian flow ____ gpm Date ____

12) PACKERS:

Type	Depth
BURLAP, PLASTIC	40', 640', 660'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40-50 gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 80'
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #4227

ADDRESS 2520 HWY. 290 WEST (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip)

(Signed) Aaron Glass (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

RECEIVED
TDLR MAIL ROOM AR
OCT 18 2002
RECEIPT# AMOUNT

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94)
WELL OWNER'S COPY DRILLER'S COPY TNRCC COPY

MAP ID# 49 **Distance from Property: 0.78 mi. WSW**

TRACK #: **62855**
DATE ENTERED: **2005-07-18**
OWNER NAME: **RIENZI CUSTOM HOMES**
OWNER ADDRESS: **1054 WINDMILL RUN**
DRIPPING SPRINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.239102000** LONGITUDE: **-98.037001000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=62855&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2005-05-10**
DRILLING DATE (COMPLETED): **2005-05-10**
DEPTH DRILLED: **710'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **CENTRAL TEXAS DRILLING INC.**
COMPANY ADDRESS: **2520 HWY. 290 WEST**
DRIPPING SPRINGS, TX 78620

MAP ID# 50 **Distance from Property: 0.78 mi. ESE**

TRACK #: **342605**
DATE ENTERED: **2013-10-07**
OWNER NAME: **JOE TERRY**
OWNER ADDRESS: **12345 PAULS VALLEY RD.**
AUSTIN, TX 78737
COUNTY: **HAYS**
LATITUDE: **30.238056000** LONGITUDE: **-98.009723000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=342605&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2013-08-15**
DRILLING DATE (COMPLETED): **2013-08-15**
DEPTH DRILLED: **50'**

WATER LEVEL:
STATIC LEVEL: **385'**
WATER LEVEL DATE: **2013-08-15**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **ASSOCIATED DRILLING INC.**
COMPANY ADDRESS: **PO BOX 673**
DRIPPING SPRINGS, TX 78620

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 51 **Distance from Property: 0.78 mi. WSW**

ID NUMBER:	**TX184367**
STATE ID :	**N/A**
OWNER NAME:	**GLASS, DELBY/TED MASSINGILL**
DATE DRILLED:	**07/07/1997**
DEPTH DRILLED:	**640'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-98.038914000**
LATITUDE:	**30.242457000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified mail to: TNRCC, P.O. [illegible], 13087, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0630

1) OWNER GLASS, DELBY/TED MASSINGILL (Name) ADDRESS 5600 BAYTON LOOP (Street or RFD) AUSTIN, (City) TX. (State) 78745 (Zip)

2) ADDRESS OF WELL: County HAYS 12301 TRIPLE CR. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip) GRID # _____

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 14.574' W 098° 02.376'

6) WELL LOG:
Date Drilling: Started 07-07- 19 97 Completed 07-07- 19 97

DIAMETER OF HOLE		
Dia.. (in.)	From (ft.)	To (ft.)
8"	Surface	10'
6"	10'	640'

7) DRILLING METHOD (Check): ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other _____

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	15	CALICHE
15	75	BLUE LIME
75	320	GRAY LIME
320	415	BROWN LIME
415	435	TAN & WHITE
435	500	GRAY LIME
500	540	HAMMID
540	580	HENSEL
580	640	TRINITY

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5 OD	N	PVC	+2	640	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 30 ft. No. of sacks used 7 SACKS
_____ ft. to _____ ft. No. of sacks used _____
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination 100+ ft.
Method of verification of above distance OWNER

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level _____ ft. below land surface Date _____
Artesian flow _____ gpm Date _____

12) PACKERS:

	Type	Depth
2	BURLAP	30, 580
2	PVC	30, 560

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 70+ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 20'
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #2422

ADDRESS 25203 RANCH RD. 12 (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) David Karl (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) DRILLERS COPY TNRCC COPY OWNERS COPY

184367

MAP ID# 52 **Distance from Property: 0.78 mi. WSW**

TRACK #: **54920**
DATE ENTERED: **2005-03-16**
OWNER NAME: **JACK DABNEY HOMES**
OWNER ADDRESS: **130 SCHOOL HOUSE RD.**
DRIFTWOOD, TX 78619
COUNTY: **HAYS**
LATITUDE: **30.239441000** LONGITUDE: **-98.037444000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=54920&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2005-01-11**
DRILLING DATE (COMPLETED): **2005-01-11**
DEPTH DRILLED: **50'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **CENTRAL TEXAS DRILLING, INC.**
COMPANY ADDRESS: **2520 HWY. 290 WEST**
DRIPPING SPRINGS, TX 78620

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 52 **Distance from Property: 0.79 mi. WSW**

ID NUMBER:	**TX184361**
STATE ID :	**N/A**
OWNER NAME:	**DENNIS BOHLS**
DATE DRILLED:	**09/16/1997**
DEPTH DRILLED:	**680'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-98.037448000**
LATITUDE:	**30.239412000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER: BOHLS, DENNIS (Name) — ADDRESS: P.O.BOX 91956 (Street or RFD) AUSTIN, (City) TEXAS (State) 78709-1956 (Zip)

2) ADDRESS OF WELL: County HAYS — 12405 TRIPLE CR. DR. (Street or RFD) DRIPPING SPRINGS, (City) TEXAS (State) 78620 (Zip) GRID #

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 14.477' W 098° 02.222'

6) WELL LOG: Date Drilling: Started 09-16-19 97 Completed 09-16-19 97

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
8"	Surface	10'
6"	10'	680'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL & ROCK
1	15	CALICHE
15	170	BLUE LIME
170	185	WHITE LIME
185	390	GRAY LIME
390	410	WHITE LIME
410	450	LT. GRAY
450	470	GRAY LIME
470	520	HAMMID
520	565	HENSEL
565	680	TRINITY

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ft. to ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5 OD	N	PVC	+2	680	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 7 CEMENT
ft. to ft. No. of sacks used
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination 100+ ft.
Method of verification of above distance BUILDER

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ft. below land surface Date
Artesian flow gpm Date

12) PACKERS:	Type	Depth
2	BURLAP	20, 540
2	PVC	20, 520

13) TYPE PUMP: ☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

14) WELL TESTS: Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 50 gpm with ft. drawdown after hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 20
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) — WELL DRILLER'S LICENSE NO. #2422

ADDRESS 25203 RANCH RD. 12 (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) David Kare (Licensed Well Driller) — (Signed) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) DRILLERS COPY — TNRCC COPY — OWNERS COPY

184361

MAP ID# 53 **Distance from Property: 0.79 mi. WSW**

TRACK #: **94540**
DATE ENTERED: **2006-10-06**
OWNER NAME: **RIENZI CUSTOM HOMES**
OWNER ADDRESS: **1054 WINDMILL RUN**
DRIPPING SPRINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.239907000** LONGITUDE: **-98.037869000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=94540&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2006-06-23**
DRILLING DATE (COMPLETED): **2006-06-23**
DEPTH DRILLED: **100'**

WATER LEVEL:
STATIC LEVEL: **513.6'**
WATER LEVEL DATE: **2006-06-23**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **CENTRAL TEXAS DRILLING, INC.**
COMPANY ADDRESS: **2520 HWY. 290 WEST**
DRIPPING SPRINGS, TX 78620

MAP ID# 54 **Distance from Property: 0.79 mi. WNW**

TRACK #: **357344**
DATE ENTERED: **2014-03-21**
OWNER NAME: **DAVID EMBRY**
OWNER ADDRESS: **15800 FITZHUGH RD.**
DRIPPING SPRINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.248254000** LONGITUDE: **-98.039309000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=357344&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2014-01-21**
DRILLING DATE (COMPLETED): **2014-01-22**
DEPTH DRILLED: **10'**

WATER LEVEL:
STATIC LEVEL: **562'**
WATER LEVEL DATE: **2014-01-24**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **BEE CAVE DRILLING, INC.**
COMPANY ADDRESS: **185 ANGEL FIRE DR.**
DRIPPING SPRINGS, TX 78620

MAP ID# 55 **Distance from Property: 0.80 mi. W**

TRACK #: **467599**
DATE ENTERED: **2017-12-26**
OWNER NAME: **CARA EUBANK**
OWNER ADDRESS: **12215 TRIPLE CREEK CIRCLE**
DRIPPING SPRINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.245967000** LONGITUDE: **-98.039817000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=467599&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2017-11-11**
DRILLING DATE (COMPLETED): **2017-11-11**
DEPTH DRILLED: **100'**

WATER LEVEL:
STATIC LEVEL: **522'**
WATER LEVEL DATE: **2017-11-28**
TYPE OF WATER: **LOWER TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
IRRIGATION
COMPANY INFORMATION:
COMPANY NAME: **CENTEX PUMP & SUPPLY, INC.**
COMPANY ADDRESS: **2520 HWY. 290 WEST**
DRIPPING SPRINGS, TX 78620

MAP ID# 56 **Distance from Property: 0.81 mi. WNW**

TRACK #: **103823**
DATE ENTERED: **2007-02-08**
OWNER NAME: **MORGAN, FRANK**
OWNER ADDRESS: **5013 CASCADE DRIVE**
CORPUS CHRISTI, TX 78413
COUNTY: **HAYS**
LATITUDE: **30.253969000** LONGITUDE: **-98.037476000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=103823&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2006-10-30**
DRILLING DATE (COMPLETED): **2006-12-13**
DEPTH DRILLED: **800'**

WATER LEVEL:
STATIC LEVEL: **550'**
WATER LEVEL DATE: **2006-11-28**
TYPE OF WATER: **GOOD**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **WHISENANT & LYLE WATER SERVICES, INC.**
COMPANY ADDRESS: **P. O. BOX 525**
DRIPPING SPRINGS, TX 78620

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 56 **Distance from Property: 0.81 mi. WNW**

ID NUMBER:	**TX33716**
STATE ID :	**57-48-9**
OWNER NAME:	**CHARLES D. CARPENTER**
DATE DRILLED:	**12/05/1987**
DEPTH DRILLED:	**470'**
STATIC LEVEL:	**320'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-98.037493000**
LATITUDE:	**30.253994000**

1 PAGE(S) OF DRILLERS' LOGS

Please use black ink. Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER Charles D. Carpenter (Name) Address 15244 Fitzhugh Rd (Street or RFD) Austin (City) 78736 (Zip)

2) LOCATION OF WELL: County Hays 6 miles in NE (N.E., S.W., etc.) direction from Dripping Springs (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☑ See attached map. Dest #2 on 57-64-7

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☐ Driven ☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 12-5 19 87 Completed " 19 ___

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6	Surface	470

7) BOREHOLE COMPLETION: ☒ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	1	Top Soil
1	5	Yellow rock
5	95	Blue limi
95	100	Shale
100	170	Grey limi
170	240	Blue limi
240	300	Grey limi
300	305	Shale
305	370	Blue limi
370	410	Grey limi
410	415	Shale
415	445	White limi
445	455	Water
455	470	White limi

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5	N	Plastic	0	470	

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 20 ft. No. of Sacks Used 2
_____ ft. to _____ ft. No. of Sacks Used _____
Method used Pour
Cemented by _____

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☒ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 320 ft. below land surface Date 12-5-87
Artesian flow _____ gpm. Date _____

12) PACKERS: Type _____ Depth _____

RECEIVED
JAN 4 1988
TEXAS WATER COMMISSION

(Use reverse side if necessary)

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 440 ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 10 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME RICHARD L. BIBLE WATER WELL DRILLING Water Well Driller's License No. 284
ADDRESS 10210 CIRCLE DR. AUSTIN, TEXAS 78736 (Street or RFD) (City) (State) (Zip)
(Signed) Richard L. Bible (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only Well No. 57-48-9 Located on map _____

WWD-012 (Rev.01-28-87) TEXAS WATER COMMISSION COPY

GeoSearch www.geo-search.com · phone: 888-396-0042 · fax: 512-472-9967

MAP ID# 57 **Distance from Property: 0.81 mi. NW**

TRACK #: **91299**
DATE ENTERED: **2006-08-28**
OWNER NAME: **JERRY SWAN**
OWNER ADDRESS: **1201 BONHAM RANCH ROAD #9**
DRIPPING SPRINGS, TX 78620
COUNTY: **TRAVIS**
LATITUDE: **30.257223000** LONGITUDE: **-98.034167000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=91299&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2006-08-03**
DRILLING DATE (COMPLETED): **2006-08-04**
DEPTH DRILLED: **30'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **APEX DRILLING, INC**
COMPANY ADDRESS: **PO BOX 867**
MARBLE FALLS, TX 78654

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 58 **Distance from Property: 0.82 mi. WNW**

ID NUMBER:	**TX239116**
STATE ID :	**57-48-9**
OWNER NAME:	**SHARON BENNET**
DATE DRILLED:	**06/21/1999**
DEPTH DRILLED:	**800'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-98.039238000**
LATITUDE:	**30.250969000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER BENNET, SHARON (Name) ADDRESS 6801 S. HWY 183 (Street or RFD) AUSTIN, (City) TEXAS (State) 78744 (Zip)

2) ADDRESS OF WELL: County HAYS FITZHUGH- BONHAM RD. (Street or RFD) DRIPPING SPRINGS (City) TEXAS (State) 78620 (Zip) GRID # 57-48-9

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) 30° 16.00" N 98° 1.00"W

6) WELL LOG:
Date Drilling:
Started 06-21-19 99
Completed 06-21-19 99

DIAMETER OF HOLE

Dia.. (in.)	From (ft.)	To (ft.)
8.75"	Surface	10'
6"	10	800

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	12	CALICHE
12	70	GRAY LIME STONE
70	90	WHITE LIME STONE
90	270	LT GRAY LIME STONE
270	280	WHITE LIME STONE
280	285	BLACK CLAY
285	370	DARK GRAY LIME
370	460	TAN & WHITE LIME
460	500	LT GRAY LIME
500	550	GRAY LIME STONE (H20 15 GPM)
550	655	CLAY HAMMID
655	800	RED SANDSTONE & CLAY
		H20 - 40 GPM

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5 OD	N	PVC PLASTIC	+2	600	SCH 40
5 OD	N	PVC PLASTIC	600	800	SDR 17

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 4
____ ft. to ____ ft. No. of sacks used ____
Method used SLURRY
Cemented by C.T.D.
Distance to septic system field lines or other concentrated contamination 100' ft.
Method of verification of above distance WELL DRILLED FIRST

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ____ ft. below land surface Date ____
Artesian flow ____ gpm Date ____

12) PACKERS:

	Type	Depth
3	PVC & BURLAP	700',680',20'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40 gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 100'
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #1313

ADDRESS 2520 HIGHWAY 290 WEST (Street or RFD) DRIPPING SPRINGS (City) TEXAS (State) 78620 (Zip)

(Signed) Frank Blair (Licensed Well Driller) (Signed) M Beck (Registered Driller Trainee)

FILE ID SEQ # EMP #

Please attach electric log, chemical analysis, and other pertinent information, if available.

MAR 0 8 2000

TNRCC-0199 (Rev. 11-1-94) TNRCC COPY DRILLER'S COPY WELL OWNER'S COPY

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 59 **Distance from Property: 0.83 mi. W**

ID NUMBER:	**TX239101**
STATE ID :	**57-48-9**
OWNER NAME:	**KIM & JEFF SESSIONS**
DATE DRILLED:	**02/28/2000**
DEPTH DRILLED:	**800'**
STATIC LEVEL:	**367'**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-98.040194000**
LATITUDE:	**30.244316000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified return receipt requested mail to: TDLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: *Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)*

State of Texas
WELL REPORT

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
512-463-7880

1) OWNER Kim Jeff Sessions (Name) ADDRESS 12204 Tripple Creek cir. (Street or RFD) Dripping Springs (City) TX (State) 78620 (Zip)

2) ADDRESS OF WELL'S LOCATION: County Hays 12204 Tripple Creek Cir. (Street, RFD or other) Dripping Springs (City) TX (State) 78620 (Zip) Long. _____ Lat. _____ 57-48-9

3) TYPE OF WORK (Check): [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [X] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) 0

6) WELL LOG:
Date Drilling: Started 08/23/2000 Completed 08/28/2000

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6	Surface	25
6 3/4	25	650
6	650	800

7) DRILLING METHOD (Check): [ ] Driven [X] Air Rotary [ ] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other _____

N

From (ft.)	To (ft.)	Description and color of formation material
0	20	Top chalk
20	350	Blue Lime
350	430	Tan Lime
430	540	Tan Sandstone
540	580	Gray Sandstone
580	590	Gray Shale
590	630	Tan Lime
630	680	Red Sandstone
680	750	Broken Yellow & Purple
750	800	Hard tan Limestone

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): [ ] Open Hole [X] Straight Wall [ ] Underreamed [ ] Gravel Packed [ ] Other _____
If Gravel Packed give interval from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5od	N	Plastic	-2	700	40

9) CEMENTING DATA
Cemented from 20 ft. to 0 ft. No. of sacks used 5
_____ ft. to _____ ft. No. of sacks used _____
Method used Gravity
Cemented by ADC
Distance to septic system field lines or other concentrated contamination _____ ft.
Method of verification of above distance _____

13) [ ] Well plugged within 48 hours

Casing left in well: From (ft)	Casing left in well: To (ft)	Cement/bentonite placed in well: From (ft)	Cement/bentonite placed in well: To (ft)	Sacks used:

14) TYPE PUMP:
[ ] Turbine [ ] Jet [X] Submersible [ ] Cylinder [ ] Other _____
Depth to pump bowls, cylinder, jet, etc., 560 ft.

15) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [ ] Jetted [X] Estimated
Yield: 200 gpm with _____ ft. drawdown after _____ hrs.

16) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Trinity Depth of strata 680 - 715
Was a chemical analysis made? [ ] Yes [X] No

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed
[X] Specified Steel Sleeve Installed
[ ] Pitless Adapter Used
[ ] Approved Alternative Procedure Used

11) WATER LEVEL:
Static level 367 ft. below land surface Date 3/15/00
Artesian flow _____ gpm. Date _____

12) PACKERS:

Type	Depth
Neoprene / Grout	20'
Shale Trap	600'

I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Associated Drilling Co. (Type or print) WELL DRILLER'S LICENSE NO. 4064 WI

ADDRESS P. O. Box 1060 (Street or RFD) Marble Falls (City) TX (State) 78654 (Zip)

(Signed) James Smoot (Licensed Well Driller)

(Signed) _____ (Registered Driller Trainee)

FILE ID
EMPE
COMMENT

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDLR FORM 001WWD (4/98) White - TDLR Yellow - DRILLER Pink - WELL OWNER

MAP ID# 60 **Distance from Property: 0.83 mi. NW**

TRACK #: **385494**
DATE ENTERED: **2015-01-13**
OWNER NAME: **SAM CALDWELL**
OWNER ADDRESS: **11355 BONHAM RANCH RD.**
DRIPPING SPRINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.255834000** LONGITUDE: **-98.036389000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=385494&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2014-11-26**
DRILLING DATE (COMPLETED): **2014-11-28**
DEPTH DRILLED: **50'**

WATER LEVEL:
STATIC LEVEL: **497'**
WATER LEVEL DATE: **2014-11-28**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **ASSOCIATED DRILLING INC.**
COMPANY ADDRESS: **PO BOX 673**
DRIPPING SPRINGS, TX 78620

MAP ID# 61 **Distance from Property: 0.84 mi. W**

TRACK #: **58765**
DATE ENTERED: **2005-05-13**
OWNER NAME: **ERIC & CASEY FRIESENHAHN**
OWNER ADDRESS: **10500 HILL COUNTRY SKYLINE**
DRIPPING SPRINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.245339000** LONGITUDE: **-98.040390000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=58765&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2005-03-14**
DRILLING DATE (COMPLETED): **2005-03-14**
DEPTH DRILLED: **50'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **CENTRAL TEXAS DRILLING, INC.**
COMPANY ADDRESS: **2520 HWY. 290 WEST**
DRIPPING SPRINGS, TX 78620

MAP ID# 62 **Distance from Property: 0.84 mi. WSW**

TRACK #: **433210**
DATE ENTERED: **2000-07-27**
OWNER NAME: **DABNEY HOMES**
OWNER ADDRESS: **130 SCHOOL HOUSE RD**
DRIFTWOOD, TX 78619
COUNTY: **HAYS**
LATITUDE: **30.240833000** LONGITUDE: **-98.039333000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=433210&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2000-05-27**
DRILLING DATE (COMPLETED): **2000-05-27**
DEPTH DRILLED: **10'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **CENTEX PUMP & SUPPLY, INC.**
COMPANY ADDRESS: **2520 HWY. 290 WEST**
DRIPPING SPRINGS, TX 78620

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 63 **Distance from Property: 0.87 mi. WSW**

ID NUMBER:	**TX184364**
STATE ID :	**N/A**
OWNER NAME:	**COUNTRY CUSTOM HOMES/SHELTON-OWNER**
DATE DRILLED:	**10/31/1997**
DEPTH DRILLED:	**700'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-98.040428000**
LATITUDE:	**30.242312000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified mail to: TNRCC, P.O. [illegible] 13087, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER COUNTRY CUSTOM HOMES/SHELTON-OWNER (Name) ADDRESS 9308 LONGVALE DR. (Street or RFD) AUSTIN, (City) TEXAS (State) 78729 (Zip)

2) ADDRESS OF WELL: County HAYS 12300 TRIPLE CR. DR. (Street or RFD) DRIPPING SPRINGS, (City) TEXAS (State) 78620 (Zip) GRID # _____

3) TYPE OF WORK (Check):
☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 14.560' W 098° 02.431'

6) WELL LOG:
Date Drilling: Started 10-31- 19 97 Completed 10-31- 19 97

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
8"	Surface	10'
6"	10'	700'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other _____

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	15	CALICHE
15	135	BLUE LIME
135	370	GRAY LIME
370	435	BROWN/GRAY
435	460	WHITE
460	500	BROWN
500	550	HAMMID
550	590	HENSEL
590	700	TRINITY

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5 OD	N	PVC	+2	700	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 7 CEMENT
_____ ft. to _____ ft. No. of sacks used _____
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance N/A

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level _____ ft. below land surface Date _____
Artesian flow _____ gpm Date _____

12) PACKERS:	Type	Depth
2	BURLAP	20, 580
2	PVC	20, 560

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 80 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 30
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #2422

ADDRESS 25203 RANCH RD. 12 (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) David Kare (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) DRILLERS COPY TNRCC COPY COMMENT OWNERS COPY

184364

MAP ID# 64 **Distance from Property: 0.88 mi. W**

TRACK #: **168157**
DATE ENTERED: **2009-02-11**
OWNER NAME: **KEVIN REED**
OWNER ADDRESS: **6705 LANCREST HILL**
AUSTIN, TX 78745
COUNTY: **HAYS**
LATITUDE: **30.245453000** LONGITUDE: **-98.041135000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=168157&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2004-08-10**
DRILLING DATE (COMPLETED): **2004-08-11**
DEPTH DRILLED: **680'**

WATER LEVEL:
STATIC LEVEL: **460'**
WATER LEVEL DATE: **2004-08-11**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **HIGHLAND DRILLING INC.**
COMPANY ADDRESS: **309 FRAZIER ST.**
TOW, TX 78672

MAP ID# 65 **Distance from Property: 0.89 mi. WNW**

TRACK #: **58754**
DATE ENTERED: **2005-05-13**
OWNER NAME: **MICHAEL PAGE**
OWNER ADDRESS: **4700 MT. VERNON DR.**
AUSTIN,, TX 78745
COUNTY: **HAYS**
LATITUDE: **30.254167000** LONGITUDE: **-98.038889000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=58754&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2005-03-10**
DRILLING DATE (COMPLETED): **2005-03-10**
DEPTH DRILLED: **790'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **CENTRAL TEXAS DRILLING, INC.**
COMPANY ADDRESS: **2520 HWY. 290 WEST**
DRIPPING SPRINGS, TX 78620

MAP ID# 66 **Distance from Property: 0.90 mi. SE**

TRACK #: **439201**
DATE ENTERED: **2016-12-20**
OWNER NAME: **RICHARD BOWDEN**
OWNER ADDRESS: **12460 PAULS VALLEY RD.**
AUSTIN, TX 78737
COUNTY: **HAYS**
LATITUDE: **30.233139000** LONGITUDE: **-98.012083000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=439201&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2016-11-22**
DRILLING DATE (COMPLETED): **2016-11-22**
DEPTH DRILLED: **50'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **LOWER TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **ASSOCIATED DRILLING INC**
COMPANY ADDRESS: **PO BOX 673**
DRIPPING SPRINGS, TX 78620

MAP ID# 67 **Distance from Property: 0.91 mi. W**

TRACK #: **93226**
DATE ENTERED: **2006-09-21**
OWNER NAME: **JIM SHEPHARD**
OWNER ADDRESS: **12208 TRIPLE CREEK DR**
DRIPPING SPRINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.243752000** LONGITUDE: **-98.041441000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=93226&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2006-08-23**
DRILLING DATE (COMPLETED): **2006-08-27**
DEPTH DRILLED: **100'**

WATER LEVEL:
STATIC LEVEL: **323'**
WATER LEVEL DATE: **2006-08-28**
TYPE OF WATER: **NOT REPORTED**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **BEE CAVE DRILLING**
COMPANY ADDRESS: **185 ANGELFIRE DR**
DRIPPING SPRINGS, TX 78862

MAP ID# 68 **Distance from Property: 0.92 mi. NNW**

TRACK #: **265099**
DATE ENTERED: **2011-09-09**
OWNER NAME: **JASON ALLEN (BUJAN-HALL)**
OWNER ADDRESS: **10200 HWY. 290 W**
AUSTIN, TX 78736
COUNTY: **TRAVIS**
LATITUDE: **30.260556000** LONGITUDE: **-98.030833000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=265099&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2005-06-13**
DRILLING DATE (COMPLETED): **2005-07-22**
DEPTH DRILLED: **780'**

WATER LEVEL:
STATIC LEVEL: **680'**
WATER LEVEL DATE: **2005-10-22**
TYPE OF WATER: **GOOD**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **WHISENANT & LYLE WSI**
COMPANY ADDRESS: **PO BOX 525**
DRIPPING SPRINGS, TX 78620

MAP ID# 69 **Distance from Property: 0.94 mi. W**

TRACK #: **93862**
DATE ENTERED: **2006-09-28**
OWNER NAME: **RIENZI CUSTOM HOMES**
OWNER ADDRESS: **1054 WINDMILL RD.**
DRIPPING SRPINGS, TX 78620
COUNTY: **HAYS**
LATITUDE: **30.243916000** LONGITUDE: **-98.042093000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=93862&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2006-07-19**
DRILLING DATE (COMPLETED): **2006-07-19**
DEPTH DRILLED: **100'**

WATER LEVEL:
STATIC LEVEL: **478.2'**
WATER LEVEL DATE: **2006-07-22**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **CENTRAL TEXAS DRILLING, INC.**
COMPANY ADDRESS: **2520 HWY. 290 WEST**
DRIPPING SPRINGS, TX 78620

MAP ID# 70 **Distance from Property: 0.98 mi. NNE**

TRACK #: **261818**
DATE ENTERED: **2011-08-10**
OWNER NAME: **RANDY METZGER**
OWNER ADDRESS: **10418 CRUMLEY RANCH ROAD**
AUSTIN, TX 78738
COUNTY: **TRAVIS**
LATITUDE: **30.261667000** LONGITUDE: **-98.021944000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=261818&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2011-06-21**
DRILLING DATE (COMPLETED): **2011-06-21**
DEPTH DRILLED: **10'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **FRESH**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **BEE CAVE DRILLING**
COMPANY ADDRESS: **185 ANGELFIRE DRIVE**
DRIPPING SPRINGS, TX 78620

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY WATER WELLS (TCEQ)

MAP ID# 71 **Distance from Property: 0.99 mi. WNW**

ID NUMBER:	**TX239115**
STATE ID :	**57-48-9**
OWNER NAME:	**JERRY SWAN**
DATE DRILLED:	**06/18/2002**
DEPTH DRILLED:	**780'**
STATIC LEVEL:	**NOT REPORTED**
WATER USAGE:	**DOMESTIC**
LONGITUDE:	**-98.040476000**
LATITUDE:	**30.254698000**

1 PAGE(S) OF DRILLERS' LOGS

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER SWAN, JERRY (Name) ADDRESS 2130 SPRING VALLEY (Street or RFD) DRIPPING SPRINGS. (City) TX. (State) 78620 (Zip)

2) ADDRESS OF WELL: County HAYS 11398 BONHAM RANCH RD. (Street or RFD) (City) TX. (State) (Zip) GRID # 57-48-9

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N30°16.00 W098°1.00 N

6) WELL LOG:
Date Drilling: Started 06-18-20 01 Completed 06-18-20 01

DIAMETER OF HOLE		
Dia.. (in.)	From (ft.)	To (ft.)
	Surface	
9"	0	30
6"	30	780

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	15	CALICHE
15	95	BLUE LIME
95	280	GRAY LIME
280	310	BROWN LIME
310	460	GRAY LIME
460	500	DARK BROWN LIME
500	540	BROWN LIME WATER
540	585	GRAY LIME
585	615	HAMMID
615	640	GRAY & BROWN
640	780	TRINITY

(Use reverse side if necessary)

8) Borehole Completion (Check): Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ft. to ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting	Gage Screen
5 OD	N	PVC PLASTIC	+2	780		SCH 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 30 ft. No. of sacks used 6
ft. to ft. No. of sacks used
Method used SLURRY
Cemented by C.T.D.
Distance to septic system field lines or other concentrated contamination 100+ ft.
Method of verification of above distance OWNER

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ft. below land surface Date
Artesian flow gpm Date

12) PACKERS:

	Type	Depth
3	PVC & BURLAP	30, 620, 640

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40 gpm with ft. drawdown after hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 60
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #1313

ADDRESS 2620 HIGHWAY 290 WEST (Street or RFD) DRIPPING SPRINGS (City) TEXAS (State) 78620 (Zip)

(Signed) Frank Glass (Licensed Well Driller) (Signed) (Registered Driller Trainee)

FILE ID SEQ # CNTY # RESC CO

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) TNRCC COPY DRILLER'S COPY OCT 0 5 2001 WELL OWNER'S COPY

AG

MAP ID# 72 **Distance from Property: 0.99 mi. W**

TRACK #: **45601**
DATE ENTERED: **2004-09-28**
OWNER NAME: **JACK DABNEY HOMES**
OWNER ADDRESS: **130 SCHOOL HOUSE RD.**
DRIFTWOOD, TX 78619
COUNTY: **HAYS**
LATITUDE: **30.250939000** LONGITUDE: **-98.042103000**
REPORT LINK: **https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=45601&Type=SDR-Well**

WELL LOG:
DRILLING DATE (STARTED): **2004-09-04**
DRILLING DATE (COMPLETED): **2004-09-04**
DEPTH DRILLED: **50'**

WATER LEVEL:
STATIC LEVEL: **NOT REPORTED**
WATER LEVEL DATE: **NOT REPORTED**
TYPE OF WATER: **TRINITY**

TYPE OF WORK:
NEW WELL
PROPOSED USE:
DOMESTIC
COMPANY INFORMATION:
COMPANY NAME: **CENTRAL TEXAS DRILLING**
COMPANY ADDRESS: **2520 HWY. 290 WEST**
DRIPPING SPRINGS, TX 78620

MAP ID# 73 **Distance from Property: 1.00 mi. N**

STATE ID:	**57-48-914**
OWNER'S NAME:	**PURYEAR RANCH SPRING**
DATE DRILLED:	**NOT REPORTED**
DEPTH DRILLED:	**NOT REPORTED**
WATER USAGE:	
LONGITUDE:	**-98.026417000**
LATITUDE:	**30.262336000**
SOURCE:	**TWDB**
DOCUMENT LINK:	**http://s3.amazonaws.com/wellpdfs/documents/5748914/5748914.pdf**

NWIS United States Geological Survey National Water Information System

VERSION DATE: 1/2020

The U.S. Geological Survey (USGS) National Water Information System (NWIS) includes water inventory data originating from all 50 states, plus border and territorial sites, including data from as early as 1899. This database includes selected site types limited to Groundwater Sites and Spring Sites from the 1.5 million plus sites within NWIS. Surface-Water, Atmospheric, and Other Site types are excluded. Disclaimer: Water Data for the Nation is the USGS public web interface to much of the data stored and managed within NWIS. It is not, however, configured to present all NWIS data and users may need to contact local Water Science Centers to obtain some information. NWIS data is updated on a regularly scheduled basis, and current condition data is generally updated upon receipt at local Water Science Centers.

SSDRD Select Submitted Drillers Report Database Wells

VERSION DATE: 8/2021

This Texas Water Development Board database was created from the online Texas Well Report Submission and Retrieval System (a cooperative TDLR, TWDB system) that registered water-well drillers use to submit their required reports. The system was started in February 2001 and is optional for the drillers to use. This data excludes the following well types: Monitor Wells, Environmental Soil Borings, Injections Wells, De-watering and Test Wells.

TCEQ Texas Commission on Environmental Quality Water Wells

VERSION DATE: NR

The Texas Commission on Environmental Quality (TCEQ) maintains a filing system of plotted and unnumbered water wells. Plotted water wells are filed according to the County indicated by the driller and the state well number assigned by State of Texas personnel. Given the available location information provided by the driller, personnel identify where the approximate well location should be. After well placement a state well number is assigned indicating that the well lies within a specific 2.5' section of a 7.5' quadrangle. This method allows for quicker, more refined, reference when researching a specific area. Unnumbered water wells have not been assigned a state well number. This can occur for a variety of reasons; however it does not mean the well cannot be accurately spotted. Unnumbered water well records are filed according to County and are often broken up by year or by a span of years.

TWDB Texas Water Development Board Groundwater Database

VERSION DATE: 5/2021

The Texas Water Development Board Groundwater Database contains information for more than 123,500 sites in Texas including data on water wells, springs, oil/gas tests, water levels, and water quality. The purpose of the Board's data collection effort over the years has been to gain representative information about aquifers in the state in order to do water planning. It is very important, however, to realize that the wells in the database represent only a small percentage of the wells that actually exist in Texas. A registered water well driller is required by law to send in a report to the State for every well that is drilled. This requirement began in 1965, and we estimate that approximately 500,000 wells have been drilled in Texas since then. Of the 1,000,000 plus water wells drilled in Texas over the past 100 years, more than 130,000 have been inventoried and placed into the TWDB groundwater database. State well numbers have been assigned to these based on their location within numbered 7 1/2 minute quadrangles formed by lines of latitude and longitude. This database contains well information including location, depth, well type, owner, driller, construction and completion data.

WUD Water Utility Database

VERSION DATE: NR

The Water Utility Database is defined as a collection of data from Texas Water Districts, Public

Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ. This database is an integrated database designed and developed to replace over 160 stand alone legacy systems representing over 5 million records of the former Texas Water Commission and the Texas Department of Health.

MapID	Sitename	Well_Address	Well_City	Well_State	Well_Zip	Source	Water_Usage	Date_Drill	Depth_Drill	CAD_Number	Static Level (ft bgs)	Producing	Open, cased, capped, or plugged	Proposed Best Management Practices
1	BUJAN-HALL CUSTOM HOMES	14735 FITZHUGH ROAD	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	04/06/2006	50	R167372	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
2	CHRISTI BACOT	15000 FITZHIGH RD./HTGCD #889	AUSTIN	TX	78736	SDRD	DOMESTIC	10/03/2005	720	R13170	180	UNKNOWN	CASED	Maintain Approriate Setbacks
3	JASON NEYLAND	15100 FITZHUGH RD	AUSTIN	TX	78736	SDRD	DOMESTIC	07/15/2021	725	R13181	NOT REPORTED	UNKNOWN	POURED	Maintain Approriate Setbacks
4	FITZHUGH BAPTISH CHURCH	15245 FITZHUGH RD.	AUSTIN	TX	78736	SDRD	DOMESTIC	11/24/2009	100	R13191	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
5	RICHARD BISCHOFF	14625 FITZHUGH	AUSTIN	TX	78737	SDRD	DOMESTIC	11/20/2002	50	R167371	407.6	UNKNOWN	CASED	Maintain Approriate Setbacks
6	GEORGE LOGSDON	15309 FITZHUGH RD.	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	11/20/2002	660	R27578	400	UNKNOWN	OPEN	Maintain Approriate Setbacks
7	FITZHUGH CORNERS POA	15310 FITZHUGH RD.	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	03/14/2014	10	R27570	448	UNKNOWN	OPEN	Maintain Approriate Setbacks
8	NICK BURKHALTER	12225 TRAUTWEIN RD	AUSTIN	TX	78620	SDRD	DOMESTIC	09/26/2012	10	R13193	491	UNKNOWN	OPEN	Maintain Approriate Setbacks
9	FITZHUGH CORNERS	11924 FITZHUGH CORNERS	DRIPPING SPRINGS	TX	78620	TWDB	DOMESTIC	06/15/2012	770	R27556	533	UNKNOWN	OPEN	Maintain Approriate Setbacks
9	FITZHUGH CORNERS P.O.A	11924 FITZHUGH CORNERS	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	06/15/2012	10	R27556	533	UNKNOWN	OPEN	Maintain Approriate Setbacks
10	FITZHUGH CORNERS	11914 FITZHUGH CORNERS	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	07/27/1986	500	R27558	235	UNKNOWN	CASED	Maintain Approriate Setbacks
10	FITZHUGH CORNERS	11914 FITZHUGH CORNERS	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	06/03/1986	560	R27558	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
10	FITZHUGH CORNERS	11914 FITZHUGH CORNERS	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	06/03/1986	520	R27558	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
10	FITZHUGH CORNERS	11914 FITZHUGH CORNERS	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	12/08/2014	750	R27558	521.6	UNKNOWN	CASED	Maintain Approriate Setbacks
11	TIM JENNINGS	12101 FITZHUGH PLACE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	09/02/2011	755	R27583	595	UNKNOWN	CASED	Maintain Approriate Setbacks
12	MIKE MCDONALD	460 HANNAH DRIVE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	06/27/2019	50	R94308	530	UNKNOWN	CASED	Maintain Approriate Setbacks
13	GLEN & LINDA WEICHERT	12241 FITZHUGH PLACE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	04/12/2006	50	R151581	394.6	UNKNOWN	CASED	Maintain Approriate Setbacks
14	JOE TERRY	14101 FITZHUGH RD.	AUSTIN	TX	78737	SDRD	DOMESTIC	07/25/2012	50	R12857	364	UNKNOWN	CASED	Maintain Approriate Setbacks
15	GREG JUNG	213 HANNAH DRIVE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	01/18/2005	750	R94318	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
16	JOE TERRY			TX		SDRD	STOCK	10/19/2011	50	R12853	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
17	CODY WILLIAMS	321 HANNAH DRIVE, LOT 12	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	06/07/2005	770	R94316	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
18	GLEN SARGENT	15435 FITZHUGH RD	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	11/01/1992	730	R27551	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
18	GLEN SARGENT	15435 FITZHUGH RD	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	11/05/1992	485	R27551	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
18	DUBB SMITH	15435 FITZHUGH RD.	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	06/05/2018	100	R27551	563	UNKNOWN	CASED	Maintain Approriate Setbacks
19	CHRIS WAHLBERG	11400 CRUMLEY RANCH RD	AUSTIN	TX	78738	TCEQ	DOMESTIC	06/23/1998	755	310845	300	UNKNOWN	OPEN	Maintain Approriate Setbacks
20	DUMAS HOME BUILDING	493 FRONTERA RANCH	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	11/29/2007	50	R118545	509.6	UNKNOWN	CASED	Maintain Approriate Setbacks
21	R.G. KEEN	15425 FITZHUGH RD	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	06/23/2004	30	R13196	386	UNKNOWN	CASED	Maintain Approriate Setbacks
22	JARROD AND KELLI MURDOCK	418 FRONTERA RANCH COVE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	02/25/2019	50	R118542	569	UNKNOWN	CASED	Maintain Approriate Setbacks
23	CARTER KING	12250 TRAUTWEIN RD	AUSTIN	TX	78737	SDRD	DOMESTIC	08/25/2008	660	R125979	360	UNKNOWN	CASED	Maintain Approriate Setbacks
24	STOCK LENDING SUPPLY	465 FRONTERA RANCH	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	03/10/2009	805	R118546	360	UNKNOWN	CASED	Maintain Approriate Setbacks
25	DALE MOORE	12099 BONHAM RANCH RD	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	06/18/2004	40	R94323	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
26	RELIANCE CUSTOM HOME	364 FRONTERA RANCH COVE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	10/20/2009	60	R118539	540	UNKNOWN	CASED	Maintain Approriate Setbacks
27	JIM SPRY	14105 FIZHUGH ROAD	AUSTIN	TX	78736	SDRD	DOMESTIC	03/25/2020	50	310837	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
28	N.O. CRUMLEY	10900 CRUMLEY RANCH RD	AUSTIN	TX	78738	TWDB	DOMESTIC	03/18/1964	287	103147	217	UNKNOWN	OPEN	Maintain Approriate Setbacks
28	LUELLA GALBRAITH	10900 CRUMLEY RANCH RD	AUSTIN	TX	78738	TCEQ	DOMESTIC	08/19/1988	400	103147	240	UNKNOWN	CASED	Maintain Approriate Setbacks
29	WALT GRANER FRONTERA OW-1	306 FRONTERA RANCH CV	DRIPPING SPRINGS	TX	78620	TWDB	DOMESTIC	11/04/2004	770	R118538	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
29	WALT GRANER	11951 BONHAM RANCH RD.	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	11/04/2004	30	R118538	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
30	STEVE BEARD	12319 TRIPLE CREEK CIRCLE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	01/13/2006	13	R60854	424	UNKNOWN	OPEN	Maintain Approriate Setbacks
31	JIM SPRY	12330A PAULS VALLEY RD.	AUSTIN	TX	78737	SDRD	DOMESTIC	04/25/2016	50	310839	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
32	PAT SARGENT	15601 FITZHUGH RD.	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	07/27/2016	60	R27549	496.7	UNKNOWN	CASED	Maintain Approriate Setbacks
33	WEBB EVANS	11355 BONHAM RANCH RD.	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	05/09/2018	100	R168141	587	UNKNOWN	CASED	Maintain Approriate Setbacks
34	WALT GRANER FRONTERA PW-1	381 FRONTERA RANCH RD	DRIPPING SPRINGS	TX	78620	TWDB	DOMESTIC	11/06/2004	770	R118540	505	UNKNOWN	CASED	Maintain Approriate Setbacks
34	WALT GRANER	11951 BONHAM RANCH RD.	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	11/06/2004	770	R118540	505	UNKNOWN	CASED	Maintain Approriate Setbacks
35	JOHN HALL	12345 TRIPLE CREEK CIR	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	07/08/1999	630	R60858	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
36	MARCELINO ACOSTA	12027 BONHAM RANCH RD LOT 21	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	04/18/2005	750	R94325	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
37	CSME DEVELOPMENT	12155 BONHAM RANCH RD.	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	05/04/2007	50	R94322	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
38	JOE TERRY	12345 PAULS VALLEY RD.	AUSTIN	TX	78737	SDRD	DOMESTIC	06/10/2013	100	R12852	361	UNKNOWN	CASED	Maintain Approriate Setbacks
39	LESCO CORP	13306 WHITE TAIL TRL	AUSTIN	TX	78736	TWDB	UNUSED	02/22/1972	420	380534	170	UNKNOWN	CASED	Maintain Approriate Setbacks
40	MIKE CULLENDER/ENDRES JOB	12417 TRIPLE CREEK DRIVE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	05/04/2016	50	R60862	465	UNKNOWN	CASED	Maintain Approriate Setbacks
41	ALI ARABZADEGAN	12720 PAULS VALLEY ROAD	AUSTIN	TX	78737	SDRD	DOMESTIC	05/10/2006	20	R37935	280	UNKNOWN	OPEN	Maintain Approriate Setbacks
42	JIM SPRY	12400 PAULS VALLEY ROAD	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	03/26/2020	50	R37910	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
43	RELIANCE CUSTOM HOMES	262 FRONTERA RANCH COVE	DRIPPING SPRINGS	TX	78652	SDRD	DOMESTIC	08/07/2010	120	R118537	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
44	HAROLD DAVIS	12338 TRIPLE CREEK DR	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	03/03/2000	740	R60841	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
45	GARY LAFAYETTE	1225 TRIPLE CREEK CIRCLE	DRIPPING SPRINGS	TX	78616	SDRD	DOMESTIC	05/29/2000	10	R60851	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
46	JOE TERRY	14101 FITZHUGH RD.	AUSTIN	TX	78737	SDRD	DOMESTIC	08/20/2014	50	R136080	462	UNKNOWN	CASED	Maintain Approriate Setbacks
47	DAN MCKINNEY	12221 TRIPLE CREEK CR	DRIPPING SPRINGS	TX	78620	TWDB	DOMESTIC	06/30/1998	670	R60850	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
47	DAN MCKINNEY	12221 TRIPLE CREEK CIR	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	10/05/2002	810	103175	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
48	DALE OLDENKAMP	11201 BONHAM RANCH RD UNIT 14	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	06/30/1998	670	R60850	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
49	RIENZI CUSTOM HOMES	12500 TRIPLE CRK.	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	05/10/2005	710	R60873	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
50	JOE TERRY	12345 PAULS VALLEY RD.	AUSTIN	TX	78737	SDRD	DOMESTIC	08/15/2013	50	R150304	385	UNKNOWN	CASED	Maintain Approriate Setbacks
51	GLASS, DELBY/TED MASSINGILL	12315 TRIPLE CREEK DR	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	07/07/1997	640	R60843	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
52	DENNIS BOHLS	12414 TRIPLE CREEK DR	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	09/16/1997	680	R60874	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
52	JACK DABNEY HOMES	12414 TRIPLE CREEK DRIVE, LOT 32-B	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	01/11/2005	50	R60874	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
53	RIENZI CUSTOM HOMES	12410 TRIPLE CREEK DRIVE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	06/23/2006	100	R60875	513.6	UNKNOWN	CASED	Maintain Approriate Setbacks
54	DAVID EMBRY	15800 FITZHUGH RD.	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	01/22/2014	10	R94173	562	UNKNOWN	OPEN	Maintain Approriate Setbacks
55	CARA EUBANK	12215 TRIPLE CREEK CIRCLE	DRIPPING SPRINGS	TX	78620	SDRD	IRRIGATION	11/11/2017	100	R60849	522	UNKNOWN	CASED	Maintain Approriate Setbacks
56	MORGAN, FRANK	11401 BONHAM RANCH RD.	DRIPPING SPRINGS, TX	TX	78620	SDRD	DOMESTIC	12/13/2006	800	R19135	550	UNKNOWN	CASED	Maintain Approriate Setbacks
56	CHARLES D. CARPENTER	11401 BONHAM RANCH RD	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	12/05/1987	470	R19135	320	UNKNOWN	OPEN	Maintain Approriate Setbacks
57	JERRY SWAN	11201 BONHAM RANCH ROAD #9	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	08/04/2006	30	724577	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
58	SHARON BENNET	12000 BONHAM RANCH RD	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	06/21/1999	800	R92089	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
59	KIM & JEFF SESSIONS	12204 TRIPLE CREEK CIR	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	02/28/2000	800	R60838	367	UNKNOWN	CASED	Maintain Approriate Setbacks
60	SAM CALDWELL	11355 BONHAM RANCH RD.	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	11/28/2014	50	R143998	497	UNKNOWN	CASED	Maintain Approriate Setbacks
61	ERIC & CASEY FRIESENHAHN	12209 TRIPLE CRK. CIRCLE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	03/14/2005	50	R60848	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
62	DABNEY HOMES	12322 TRIPLE CREEK DRIVE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	05/27/200	10	R60878	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
63	COUNTRY CUSTOM HOMES/SHELTON-OWNER	12300 TRIPLE CREEK DR	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	10/31/1997	700	R60881	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
64	KEVIN REED	12201 TRIPLE CREEK CIRCLE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	08/11/2004	680	R60846	460	UNKNOWN	CASED	Maintain Approriate Setbacks
65	MICHAEL PAGE	11356 BONHAM RANCH RD.	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	03/10/2005	790	R90762	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
66	RICHARD BOWDEN	12460 PAULS VALLEY RD.	AUSTIN	TX	78737	SDRD	DOMESTIC	11/22/2016	50	R37915	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks

67	JIM SHEPHARD	12208 TRIPLE CREEK DR	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	08/27/2006	100	R60884	323	UNKNOWN	OPEN	Maintain Approriate Setbacks
68	JASON ALLEN (BUJAN-HALL)	11002 BONHAM RANCH RD.	AUSTIN	TX	78736	SDRD	DOMESTIC	07/22/2005	780	103179	680	UNKNOWN	CASED	Maintain Approriate Setbacks
69	RIENZI CUSTOM HOMES	12200 TRIPLE CREEK DRIVE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	07/19/2006	100	R60885	478.2	UNKNOWN	CASED	Maintain Approriate Setbacks
70	RANDY METZGER	10418 CRUMLEY RANCH ROAD	AUSTIN	TX	78738	SDRD	DOMESTIC	06/21/2011	10	103116	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
71	JERRY SWAN	11398 BONHAM RANCH RD	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	06/18/2002	780	R92390	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
72	JACK DABNEY HOMES	200 HUDSON LANE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	09/04/2004	50	R96180	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
73	PURYEAR RANCH SPRING	10600 CRUMLEY RANCH RD	AUSTIN	TX	78738	TWDB	NOT REPORTED	10/10/2018	NOT REPORTED	103159	NOT REPORTED	UNKNOWN	NOT REPORTED	Maintain Approriate Setbacks
74	Unknown	14280 Fitzhugh Road	Austin	TX	78736	Site Visit	Not Used	Unknown	300'	13157	NOT REPORTED	No	Plugged	Maintain Approriate Setbacks
75	Unknown	14280 Fitzhugh Road	Austin	TX	78736	Site Visit	Not Used	Unknown	Hand Dug	13157	NOT REPORTED	No	To Be Plugged	Maintain Approriate Setbacks

E. Owner of the land where the subsurface area drip dispersal system is located:

Blizexas, LLC

F. Is the owner of the land where the subsurface area drip dispersal system is located the same as owner of the wastewater treatment facility, the site where the wastewater treatment facility is located, or the owner of the subsurface area drip dispersal system?

Yes ☒ No ☐

If **no**, identify the name of all corporations or other business entities managed, owned, or otherwise closely related to the entity identified in item 1.E.

Click here to enter text

Section 2. Subsurface Area Drip Dispersal System (Instructions Page 84)

A. Type of system

☒ Subsurface Drip Irrigation

☐ Surface Drip Irrigation

☐ Other, specify: Click here to enter text

B. Irrigation operations

Application area, in acres: 2.75

Infiltration Rate, in inches/hour: 0.05

Average slope of the application area, percent (%): 3

Maximum slope of the application area, percent (%): 5

Storage volume, in gallons: 80,000

Major soil series: Brackett-Rock outcrop-Comfort Complex

Depth to groundwater, in feet: >350

C. Application rate

Is the facility located **west** of the boundary shown in *30 TAC § 222.83* **and**

also using a vegetative cover of non-native grasses over seeded with cool

Crop Type & Land Use	Irrigation Area (acres)	Effluent Application (GPD)	Public Access? Y/N
Bermuda and Rye Grass			

Section 3. Storage and Evaporation Lagoons/Ponds (Instructions Page 77)

Table 3.0(2) – Storage and Evaporation Ponds

Pond Number	Surface Area (acres)	Storage Volume (acre-feet)	Dimensions	Liner Type
GST1		80,000 gal	27' Dia x 22'H	Bolted Steel Tank

ttach a copy of a liner certification that was prepared, signed, and sealed by a Texas licensed professional engineer for each pond.

Attachment: N/A

Section 4. Flood and Runoff Protection (Instructions Page 77)

Is the land application site within the 100-year frequency flood level?

Yes ☐ No ☒

If yes, describe how the site will be protected from inundation.

MapID	Sitename	Well_Address	Well_City	Well_State	Well_Zip	Source	Water_Usage	Date_Drill	Depth_Drill	CAD_Number	Static Level (ft bgs)	Producing	Open, cased, capped, or plugged	Proposed Best Management Practices
1	BUJAN-HALL CUSTOM HOMES	14735 FITZHUGH ROAD	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	04/06/2006	50	R167372	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
2	CHRISTI BACOT	15000 FITZHIGH RD./HTGCD #889	AUSTIN	TX	78736	SDRD	DOMESTIC	10/03/2005	720	R13170	180	UNKNOWN	CASED	Maintain Approriate Setbacks
3	JASON NEYLAND	15100 FITZHUGH RD	AUSTIN	TX	78736	SDRD	DOMESTIC	07/15/2021	725	R13181	NOT REPORTED	UNKNOWN	POURED	Maintain Approriate Setbacks
4	FITZHUGH BAPTISH CHURCH	15245 FITZHUGH RD.	AUSTIN	TX	78736	SDRD	DOMESTIC	11/24/2009	100	R13191	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
5	RICHARD BISCHOFF	14625 FITZHUGH	AUSTIN	TX	78737	SDRD	DOMESTIC	11/20/2002	50	R167371	407.6	UNKNOWN	CASED	Maintain Approriate Setbacks
6	GEORGE LOGSDON	15309 FITZHUGH RD.	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	11/20/2002	660	R27578	400	UNKNOWN	OPEN	Maintain Approriate Setbacks
7	FITZHUGH CORNERS POA	15310 FITZHUGH RD.	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	03/14/2014	10	R27570	448	UNKNOWN	OPEN	Maintain Approriate Setbacks
8	NICK BURKHALTER	12225 TRAUTWEIN RD	AUSTIN	TX	78620	SDRD	DOMESTIC	09/26/2012	10	R13193	491	UNKNOWN	OPEN	Maintain Approriate Setbacks
9	FITZHUGH CORNERS	11924 FITZHUGH CORNERS	DRIPPING SPRINGS	TX	78620	TWDB	DOMESTIC	06/15/2012	770	R27556	533	UNKNOWN	OPEN	Maintain Approriate Setbacks
9	FITZHUGH CORNERS P.O.A	11924 FITZHUGH CORNERS	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	06/15/2012	10	R27556	533	UNKNOWN	OPEN	Maintain Approriate Setbacks
10	FITZHUGH CORNERS	11914 FITZHUGH CORNERS	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	07/27/1986	500	R27558	235	UNKNOWN	CASED	Maintain Approriate Setbacks
10	FITZHUGH CORNERS	11914 FITZHUGH CORNERS	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	06/03/1986	560	R27558	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
10	FITZHUGH CORNERS	11914 FITZHUGH CORNERS	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	06/03/1986	520	R27558	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
10	FITZHUGH CORNERS	11914 FITZHUGH CORNERS	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	12/08/2014	750	R27558	521.6	UNKNOWN	CASED	Maintain Approriate Setbacks
11	TIM JENNINGS	12101 FITZHUGH PLACE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	09/02/2011	755	R27583	595	UNKNOWN	CASED	Maintain Approriate Setbacks
12	MIKE MCDONALD	460 HANNAH DRIVE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	06/27/2019	50	R94308	530	UNKNOWN	CASED	Maintain Approriate Setbacks
13	GLEN & LINDA WEICHERT	12241 FITZHUGH PLACE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	04/12/2006	50	R151581	394.6	UNKNOWN	CASED	Maintain Approriate Setbacks
14	JOE TERRY	14101 FITZHUGH RD.	AUSTIN	TX	78737	SDRD	DOMESTIC	07/25/2012	50	R12857	364	UNKNOWN	CASED	Maintain Approriate Setbacks
15	GREG JUNG	213 HANNAH DRIVE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	01/18/2005	750	R94318	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
16	JOE TERRY			TX		SDRD	STOCK	10/19/2011	50	R12853	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
17	CODY WILLIAMS	321 HANNAH DRIVE, LOT 12	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	06/07/2005	770	R94316	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
18	GLEN SARGENT	15435 FITZHUGH RD	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	11/01/1992	730	R27551	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
18	GLEN SARGENT	15435 FITZHUGH RD	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	11/05/1992	485	R27551	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
18	DUBB SMITH	15435 FITZHUGH RD.	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	06/05/2018	100	R27551	563	UNKNOWN	CASED	Maintain Approriate Setbacks
19	CHRIS WAHLBERG	11400 CRUMLEY RANCH RD	AUSTIN	TX	78738	TCEQ	DOMESTIC	06/23/1998	755	310845	300	UNKNOWN	OPEN	Maintain Approriate Setbacks
20	DUMAS HOME BUILDING	493 FRONTERA RANCH	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	11/29/2007	50	R118545	509.6	UNKNOWN	CASED	Maintain Approriate Setbacks
21	R.G. KEEN	15425 FITZHUGH RD	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	06/23/2004	30	R13196	386	UNKNOWN	CASED	Maintain Approriate Setbacks
22	JARROD AND KELLI MURDOCK	418 FRONTERA RANCH COVE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	02/25/2019	50	R118542	569	UNKNOWN	CASED	Maintain Approriate Setbacks
23	CARTER KING	12250 TRAUTWEIN RD	AUSTIN	TX	78737	SDRD	DOMESTIC	08/25/2008	660	R125979	360	UNKNOWN	CASED	Maintain Approriate Setbacks
24	STOCK LENDING SUPPLY	465 FRONTERA RANCH	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	03/10/2009	805	R118546	360	UNKNOWN	CASED	Maintain Approriate Setbacks
25	DALE MOORE	12099 BONHAM RANCH RD	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	06/18/2004	40	R94323	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
26	RELIANCE CUSTOM HOME	364 FRONTERA RANCH COVE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	10/20/2009	60	R118539	540	UNKNOWN	CASED	Maintain Approriate Setbacks
27	JIM SPRY	14105 FIZHUGH ROAD	AUSTIN	TX	78736	SDRD	DOMESTIC	03/25/2020	50	310837	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
28	N.O. CRUMLEY	10900 CRUMLEY RANCH RD	AUSTIN	TX	78738	TWDB	DOMESTIC	03/18/1964	287	103147	217	UNKNOWN	OPEN	Maintain Approriate Setbacks
28	LUELLA GALBRAITH	10900 CRUMLEY RANCH RD	AUSTIN	TX	78738	TCEQ	DOMESTIC	08/19/1988	400	103147	240	UNKNOWN	CASED	Maintain Approriate Setbacks
29	WALT GRANER FRONTERA OW-1	306 FRONTERA RANCH CV	DRIPPING SPRINGS	TX	78620	TWDB	DOMESTIC	11/04/2004	770	R118538	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
29	WALT GRANER	11951 BONHAM RANCH RD.	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	11/04/2004	30	R118538	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
30	STEVE BEARD	12319 TRIPLE CREEK CIRCLE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	01/13/2006	13	R60854	424	UNKNOWN	OPEN	Maintain Approriate Setbacks
31	JIM SPRY	12330A PAULS VALLEY RD.	AUSTIN	TX	78737	SDRD	DOMESTIC	04/25/2016	50	310839	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
32	PAT SARGENT	15601 FITZHUGH RD.	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	07/27/2016	60	R27549	496.7	UNKNOWN	CASED	Maintain Approriate Setbacks
33	WEBB EVANS	11355 BONHAM RANCH RD.	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	05/09/2018	100	R168141	587	UNKNOWN	CASED	Maintain Approriate Setbacks
34	WALT GRANER FRONTERA PW-1	381 FRONTERA RANCH RD	DRIPPING SPRINGS	TX	78620	TWDB	DOMESTIC	11/06/2004	770	R118540	505	UNKNOWN	CASED	Maintain Approriate Setbacks
34	WALT GRANER	11951 BONHAM RANCH RD.	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	11/06/2004	770	R118540	505	UNKNOWN	CASED	Maintain Approriate Setbacks
35	JOHN HALL	12345 TRIPLE CREEK CIR	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	07/08/1999	630	R60858	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
36	MARCELINO ACOSTA	12027 BONHAM RANCH RD LOT 21	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	04/18/2005	750	R94325	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
37	CSME DEVELOPMENT	12155 BONHAM RANCH RD.	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	05/04/2007	50	R94322	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
38	JOE TERRY	12345 PAULS VALLEY RD.	AUSTIN	TX	78737	SDRD	DOMESTIC	06/10/2013	100	R12852	361	UNKNOWN	CASED	Maintain Approriate Setbacks
39	LESCO CORP	13306 WHITE TAIL TRL	AUSTIN	TX	78736	TWDB	UNUSED	02/22/1972	420	380534	170	UNKNOWN	CASED	Maintain Approriate Setbacks
40	MIKE CULLENDER/ENDRES JOB	12417 TRIPLE CREEK DRIVE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	05/04/2016	50	R60862	465	UNKNOWN	CASED	Maintain Approriate Setbacks
41	ALI ARABZADEGAN	12720 PAULS VALLEY ROAD	AUSTIN	TX	78737	SDRD	DOMESTIC	05/10/2006	20	R37935	280	UNKNOWN	OPEN	Maintain Approriate Setbacks
42	JIM SPRY	12400 PAULS VALLEY ROAD	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	03/26/2020	50	R37910	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
43	RELIANCE CUSTOM HOMES	262 FRONTERA RANCH COVE	DRIPPING SPRINGS	TX	78652	SDRD	DOMESTIC	08/07/2010	120	R118537	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
44	HAROLD DAVIS	12338 TRIPLE CREEK DR	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	03/03/2000	740	R60841	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
45	GARY LAFAYETTE	1225 TRIPLE CREEK CIRCLE	DRIPPING SPRINGS	TX	78616	SDRD	DOMESTIC	05/29/2000	10	R60851	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
46	JOE TERRY	14101 FITZHUGH RD.	AUSTIN	TX	78737	SDRD	DOMESTIC	08/20/2014	50	R136080	462	UNKNOWN	CASED	Maintain Approriate Setbacks
47	DAN MCKINNEY	12221 TRIPLE CREEK CR	DRIPPING SPRINGS	TX	78620	TWDB	DOMESTIC	06/30/1998	670	R60850	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
47	DAN MCKINNEY	12221 TRIPLE CREEK CIR	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	10/05/2002	810	103175	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
48	DALE OLDENKAMP	11201 BONHAM RANCH RD UNIT 14	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	06/30/1998	670	R60850	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
49	RIENZI CUSTOM HOMES	12500 TRIPLE CRK.	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	05/10/2005	710	R60873	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
50	JOE TERRY	12345 PAULS VALLEY RD.	AUSTIN	TX	78737	SDRD	DOMESTIC	08/15/2013	50	R150304	385	UNKNOWN	CASED	Maintain Approriate Setbacks
51	GLASS, DELBY/TED MASSINGILL	12315 TRIPLE CREEK DR	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	07/07/1997	640	R60843	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
52	DENNIS BOHLS	12414 TRIPLE CREEK DR	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	09/16/1997	680	R60874	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
52	JACK DABNEY HOMES	12414 TRIPLE CREEK DRIVE, LOT 32-B	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	01/11/2005	50	R60874	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
53	RIENZI CUSTOM HOMES	12410 TRIPLE CREEK DRIVE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	06/23/2006	100	R60875	513.6	UNKNOWN	CASED	Maintain Approriate Setbacks
54	DAVID EMBRY	15800 FITZHUGH RD.	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	01/22/2014	10	R94173	562	UNKNOWN	OPEN	Maintain Approriate Setbacks
55	CARA EUBANK	12215 TRIPLE CREEK CIRCLE	DRIPPING SPRINGS	TX	78620	SDRD	IRRIGATION	11/11/2017	100	R60849	522	UNKNOWN	CASED	Maintain Approriate Setbacks
56	MORGAN, FRANK	11401 BONHAM RANCH RD.	DRIPPING SPRINGS, TX	TX	78620	SDRD	DOMESTIC	12/13/2006	800	R19135	550	UNKNOWN	CASED	Maintain Approriate Setbacks
56	CHARLES D. CARPENTER	11401 BONHAM RANCH RD	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	12/05/1987	470	R19135	320	UNKNOWN	OPEN	Maintain Approriate Setbacks
57	JERRY SWAN	11201 BONHAM RANCH ROAD #9	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	08/04/2006	30	724577	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
58	SHARON BENNET	12000 BONHAM RANCH RD	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	06/21/1999	800	R92089	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
59	KIM & JEFF SESSIONS	12204 TRIPLE CREEK CIR	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	02/28/2000	800	R60838	367	UNKNOWN	CASED	Maintain Approriate Setbacks
60	SAM CALDWELL	11355 BONHAM RANCH RD.	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	11/28/2014	50	R143998	497	UNKNOWN	CASED	Maintain Approriate Setbacks
61	ERIC & CASEY FRIESENHAHN	12209 TRIPLE CRK. CIRCLE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	03/14/2005	50	R60848	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
62	DABNEY HOMES	12322 TRIPLE CREEK DRIVE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	05/27/200	10	R60878	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
63	COUNTRY CUSTOM HOMES/SHELTON-OWNER	12300 TRIPLE CREEK DR	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	10/31/1997	700	R60881	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
64	KEVIN REED	12201 TRIPLE CREEK CIRCLE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	08/11/2004	680	R60846	460	UNKNOWN	CASED	Maintain Approriate Setbacks
65	MICHAEL PAGE	11356 BONHAM RANCH RD.	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	03/10/2005	790	R90762	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
66	RICHARD BOWDEN	12460 PAULS VALLEY RD.	AUSTIN	TX	78737	SDRD	DOMESTIC	11/22/2016	50	R37915	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks

67	JIM SHEPHARD	12208 TRIPLE CREEK DR	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	08/27/2006	100	R60884	323	UNKNOWN	OPEN	Maintain Approriate Setbacks
68	JASON ALLEN (BUJAN-HALL)	11002 BONHAM RANCH RD.	AUSTIN	TX	78736	SDRD	DOMESTIC	07/22/2005	780	103179	680	UNKNOWN	CASED	Maintain Approriate Setbacks
69	RIENZI CUSTOM HOMES	12200 TRIPLE CREEK DRIVE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	07/19/2006	100	R60885	478.2	UNKNOWN	CASED	Maintain Approriate Setbacks
70	RANDY METZGER	10418 CRUMLEY RANCH ROAD	AUSTIN	TX	78738	SDRD	DOMESTIC	06/21/2011	10	103116	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
71	JERRY SWAN	11398 BONHAM RANCH RD	DRIPPING SPRINGS	TX	78620	TCEQ	DOMESTIC	06/18/2002	780	R92390	NOT REPORTED	UNKNOWN	CASED	Maintain Approriate Setbacks
72	JACK DABNEY HOMES	200 HUDSON LANE	DRIPPING SPRINGS	TX	78620	SDRD	DOMESTIC	09/04/2004	50	R96180	NOT REPORTED	UNKNOWN	OPEN	Maintain Approriate Setbacks
73	PURYEAR RANCH SPRING	10600 CRUMLEY RANCH RD	AUSTIN	TX	78738	TWDB	NOT REPORTED	10/10/2018	NOT REPORTED	103159	NOT REPORTED	UNKNOWN	NOT REPORTED	Maintain Approriate Setbacks
74	Unknown	14280 Fitzhugh Road	Austin	TX	78736	Site Visit	Not Used	Unknown	300'	13157	NOT REPORTED	No	Plugged	Maintain Approriate Setbacks
75	Unknown	14280 Fitzhugh Road	Austin	TX	78736	Site Visit	Not Used	Unknown	Hand Dug	13157	NOT REPORTED	No	To Be Plugged	Maintain Approriate Setbacks

TEXAS WATER WELL REPORT

Project Property:	*Rockingwall TLAP* *Fitzhugh Rd* *Austin TX 78738*
Project No:	
Order No:	*23032000415*
Requested by:	*WWD Engineering*
Date Completed:	*March 21, 2023*

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Executive Summary

Property Information:

Project Property:	*Rockingwall TLAP* *Fitzhugh Rd Austin TX 78738*
Project No:	
Coordinates:	
Latitude:	*30.2456219*
Longitude:	*-98.0233529*
UTM Northing:	*3,346,406.18*
UTM Easting:	*593,964.78*
UTM Zone:	*14R*
Target Property Geometry:	*POLYGON*
County/Parish Covered:	*Hays (TX), Travis (TX)*
Zipcode(s) Covered:	*Austin TX: 78736, 78737, 78738* *Dripping Springs TX: 78620*
State(s) Covered:	*TX*

Executive Summary: Report Summary

Database	Searched	Project Property	Within 1.00mi	Total
Federal				
FED USGS	Y	0	0	0
State				
TCEQ WELL LOGS	Y	**2**	**19**	**21**
SDRW WELLS	Y	0	**61**	**61**
GWDB	Y	0	**7**	**7**
WW FORT BEND	Y	0	0	0
WW HIGH PLAINS	Y	0	0	0
WW HARRIS GAL	Y	0	0	0
WUD	Y	0	0	0
	Total:	**2**	**87**	**89**

**** PO – Property Only***

Executive Summary: Site Report Summary - Project Property

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Page Number
1	TCEQ WELL LOGS		TX **Grid No | Owners Name:** *57-56-3 | DAKOTA SMITH*	SE	0.00 / 0.00	18
1	TCEQ WELL LOGS		TX **Grid No | Owners Name:** *57-56-3 | DAKOTA SMITH*	SE	0.00 / 0.00	21

Executive Summary: Site Report Summary - Surrounding Properties

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Page Number
2	SDRW WELLS	BUJAN-HALL CUSTOM HOMES	14735 Fitzhugh Road Dripping Springs TX 78620 ***Track NO:*** *86113*	SSE	0.03 / 179.16	24
3	SDRW WELLS	Christi Bacot	15000 Fitzhigh Rd./HTGCD #889 Austin TX 78736 ***Track NO:*** *265094*	SW	0.06 / 317.80	25
4	SDRW WELLS	Jason Neyland	15100 Fitzhugh Rd Austin TX 78736 ***Track NO:*** *583793*	WSW	0.10 / 535.89	26
5	SDRW WELLS	FITZHUGH BAPTISH CHURCH	15245 FITZHUGH RD. AUSTIN TX 78736 ***Track NO:*** *207762*	WNW	0.13 / 670.16	27
6	SDRW WELLS	GEORGE LOGSDON	15309 FITZHUGH RD. DRIPPING SPRINGS TX 78620 ***Track NO:*** *14843*	W	0.15 / 785.76	28
7	SDRW WELLS	RICHARD BISCHOFF	14625 FITZHUGH AUSTIN TX 78737 ***Track NO:*** *116093*	SE	0.17 / 881.66	29
8	SDRW WELLS	Fitzhugh Corners POA	15310 Fitzhugh Rd. Dripping Springs TX 78620 ***Track NO:*** *361609*	W	0.19 / 995.20	30
9	SDRW WELLS	Nick Burkhalter	12225 Trautwein Rd Austin TX 78620 ***Track NO:*** *302878*	SSW	0.27 / 1,448.98	31
10	GWDB	Fitzhugh Corners	TX ***State Well NO*** **|** ***Owner Name:*** *5756309 | Fitzhugh Corners*	W	0.29 / 1,555.61	32
10	SDRW WELLS	Fitzhugh Corners P.O.A	11931 Fitzhugh Rd Dripping Springs TX 78620 ***Track NO:*** *292983*	W	0.29 / 1,555.61	41
11	TCEQ WELL LOGS	FITZHUGH CORNERS	TX ***Grid No*** **|** ***Owners Name:*** *57-48-9 | FITZHUGH CORNERS*	WNW	0.32 / 1,713.05	42
11	TCEQ WELL LOGS	FITZHUGH CORNERS	TX ***Grid No*** **|** ***Owners Name:*** *57-48-9 | FITZHUGH CORNERS*	WNW	0.32 / 1,713.05	45

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Page Number
11	TCEQ WELL LOGS	FITZHUGH CORNERS	TX **Grid No | Owners Name:** *57-48-9 | FITZHUGH CORNERS*	WNW	0.32 / 1,713.05	48
11	SDRW WELLS	FITZHUGH CORNERS	11914 FITZHUGH CORNERS DRIPPING SPRINGS TX 78620 **Track NO:** *386316*	WNW	0.32 / 1,713.05	49
12	SDRW WELLS	Tim Jennings	12101 Fitzhugh Place Dripping Springs TX 78620 **Track NO:** *266992*	WSW	0.33 / 1,738.19	50
13	SDRW WELLS	Mike McDonald	460 Hannah Drive Dripping Springs TX 78620 **Track NO:** *519169*	WNW	0.42 / 2,239.59	51
14	SDRW WELLS	Joe Terry	14101 Fitzhugh Rd. Austin TX 78737 **Track NO:** *299203*	ESE	0.45 / 2,349.88	52
15	TCEQ WELL LOGS	GLEN SARGENT	TX **Grid No | Owners Name:** *57-48-9 | GLEN SARGENT*	W	0.47 / 2,466.32	53
15	TCEQ WELL LOGS	GLEN SARGENT	TX **Grid No | Owners Name:** *57-48-9 | GLEN SARGENT*	W	0.47 / 2,466.32	56
15	SDRW WELLS	DUBB SMITH	15435 FITZHUGH RD. DRIPPING SPRINGS TX 78620 **Track NO:** *483466*	W	0.47 / 2,466.32	61
16	SDRW WELLS	GREG JUNG	213 HANNAH DRIVE DRIPPING SPRINGS TX 78620 **Track NO:** *54955*	WNW	0.47 / 2,479.30	62
17	SDRW WELLS	Joe Terry	TX **Track NO:** *282944*	SE	0.47 / 2,503.71	63
18	SDRW WELLS	CODY WILLIAMS	321 HANNAH DRIVE, LOT 12 DRIPPING SPRINGS TX 78620 **Track NO:** *62936*	WNW	0.48 / 2,514.68	64
19	SDRW WELLS	GLEN & LINDA WEICHERT	12241 FITZHUGH PLACE DRIPPING SPRINGS TX 78620 **Track NO:** *86688*	SW	0.48 / 2,541.31	65
20	SDRW WELLS	CARTER KING	12250 TRAUTWEIN RD AUSTIN TX 78737 **Track NO:** *156856*	SSW	0.50 / 2,619.31	66

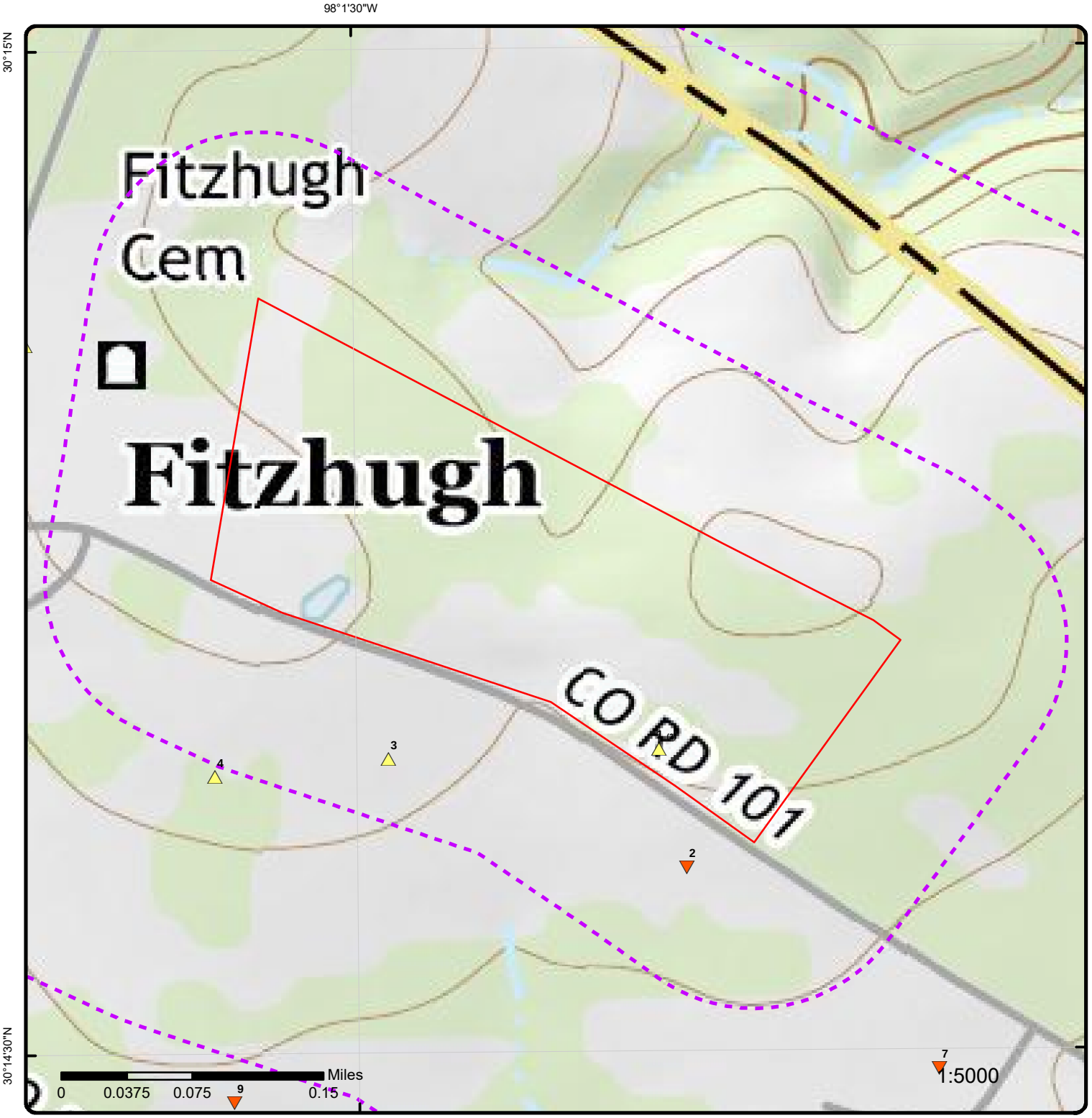
Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Page Number
21	TCEQ WELL LOGS	CHRIS WAHLBERG	TX ***Grid No* | *Owners Name:*** *57-48-9 | CHRIS WAHLBERG*	NNW	0.51 / 2,668.31	67
22	SDRW WELLS	DUMAS HOME BUILDING	493 FRONTERA RANCH DRIPPING SPRINGS TX 78620 ***Track NO:*** *135355*	NW	0.52 / 2,732.25	70
23	SDRW WELLS	R.G. KEEN	15425 FITZHUGH RD DRIPPING SPRINGS TX 78620 ***Track NO:*** *41224*	WSW	0.53 / 2,813.11	71
24	SDRW WELLS	Jarrod and Kelli Murdock	418 Frontera Ranch Cove Dripping Springs TX 78620 ***Track NO:*** *507490*	WNW	0.55 / 2,925.14	72
25	SDRW WELLS	Stock Lending Supply	465 Frontera Ranch Dripping Springs TX 78620 ***Track NO:*** *171288*	NW	0.56 / 2,952.44	73
26	GWDB	N.O. Crumley	TX ***State Well NO* | *Owner Name:*** *5748903 | N.O. Crumley*	NNW	0.56 / 2,971.69	74
27	SDRW WELLS	Reliance Custom Home	364 Frontera Ranch Cove Dripping Springs TX 78620 ***Track NO:*** *198917*	WNW	0.60 / 3,158.45	83
28	SDRW WELLS	WEBB EVANS	11355 BONHAM RANCH RD. DRIPPING SPRINGS TX 78620 ***Track NO:*** *483309*	NW	0.60 / 3,165.36	84
29	SDRW WELLS	Dale Moore	12099 Bonham Ranch Rd Dripping Springs TX 78620 ***Track NO:*** *179624*	W	0.60 / 3,178.22	85
30	TCEQ WELL LOGS	LUELLA GALBRAITH	TX ***Grid No* | *Owners Name:*** *57-48-9 | LUELLA GALBRAITH*	NNW	0.62 / 3,257.77	86
31	GWDB	Walt Graner Frontera OW-1	TX ***State Well NO* | *Owner Name:*** *5748912 | Walt Graner Frontera OW-1*	WNW	0.62 / 3,294.39	91
31	SDRW WELLS	WALT GRANER	11951 BONHAM RANCH RD. DRIPPING SPRINGS TX 78620 ***Track NO:*** *49940*	WNW	0.62 / 3,294.39	126
32	SDRW WELLS	Jim Spry	12330A Pauls Valley Rd. Austin TX 78737 ***Track NO:*** *422837*	ESE	0.63 / 3,349.31	127

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Page Number
33	SDRW WELLS	PAT SARGENT	15601 FITZHUGH RD. DRIPPING SPRINGS TX 78620 ***Track NO:*** *432581*	W	0.64 / 3,387.21	128
34	SDRW WELLS	STEVE BEARD	12319 TRIPLE CREEK CIRCLE DRIPPING SPRINGS TX 78620 ***Track NO:*** *76808*	W	0.65 / 3,431.83	129
35	GWDB	Walt Graner Frontera PW-1	TX ***State Well NO | Owner Name:*** *5748911 | Walt Graner Frontera PW-1*	NW	0.67 / 3,522.73	130
35	SDRW WELLS	WALT GRANER	11951 BONHAM RANCH RD. DRIPPING SPRINGS TX 78620 ***Track NO:*** *49944*	NW	0.67 / 3,522.73	169
36	SDRW WELLS	MARCELINO ACOSTA	12027 Bonham Ranch Rd Lot 21 Dripping Springs TX 78620 ***Track NO:*** *60083*	WNW	0.67 / 3,531.44	170
37	TCEQ WELL LOGS	JOHN HALL	TX ***Grid No | Owners Name:*** *58-49-2 | JOHN HALL*	WSW	0.67 / 3,543.56	171
38	SDRW WELLS	Ali Arabzadegan	12720 Pauls Valley Road Austin TX 78737 ***Track NO:*** *83045*	SSE	0.68 / 3,570.60	174
39	SDRW WELLS	CSME DEVELOPMENT	12155 BONHAM RANCH RD. DRIPPING SPRINGS TX 78620 ***Track NO:*** *116073*	W	0.68 / 3,581.59	175
40	GWDB	Lesco Corp	TX ***State Well NO | Owner Name:*** *5756301 | Lesco Corp*	ESE	0.69 / 3,626.65	176
41	SDRW WELLS	MIKE CULLENDER/ENDRES JOB	12417 TRIPLE CREEK DRIVE DRIPPING SPRINGS TX 78620 ***Track NO:*** *428112*	WSW	0.70 / 3,685.13	187
42	SDRW WELLS	Sean Murphy	12288 Trautwein Rd. Austin TX 78737 ***Track NO:*** *603538*	SSW	0.72 / 3,783.45	188
43	SDRW WELLS	Jim Spry	14105 Fizhugh Road Austin TX 78736 ***Track NO:*** *541565*	ESE	0.72 / 3,806.28	189
43	SDRW WELLS	Joe Terry	14101 Fitzhugh Rd. Austin TX 78737	ESE	0.72 / 3,806.28	190

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Page Number
			Track NO: *377567*			
44	SDRW WELLS	Sean Murphy	12290 Trautwein Rd. Austin TX 78737 ***Track NO:*** *603541*	S	0.73 / 3,839.03	191
45	SDRW WELLS	Reliance Custom Homes	262 Frontera Ranch Cove Dripping Springs TX 78652 ***Track NO:*** *231851*	WNW	0.73 / 3,839.81	192
46	SDRW WELLS	Jim Spry	12400 Pauls Valley Road Dripping Springs TX 78620 ***Track NO:*** *541568*	SE	0.73 / 3,855.46	193
47	TCEQ WELL LOGS	HAROLD DAVIS	TX ***Grid No*** **|** ***Owners Name:*** *N/A* | *HAROLD DAVIS*	W	0.73 / 3,871.00	194
48	SDRW WELLS	GARY LAFAYETTE	1225 TRIPLE CREEK CIRCLE DRIPPING SPRINGS TX 78616 ***Track NO:*** *433208*	W	0.74 / 3,901.79	197
49	TCEQ WELL LOGS	CARLTON TURNER	TX ***Grid No*** **|** ***Owners Name:*** *57-48-9* | *CARLTON TURNER*	W	0.74 / 3,903.80	198
50	TCEQ WELL LOGS	DALE OLDENKAMP	TX ***Grid No*** **|** ***Owners Name:*** *57-48-9* | *DALE OLDENKAMP*	NNW	0.76 / 4,019.66	199
51	TCEQ WELL LOGS	DAN MCKINNEY	TX ***Grid No*** **|** ***Owners Name:*** *14-57-9* | *DAN MCKINNEY*	W	0.77 / 4,068.58	202
51	GWDB	Radu Boghici	TX ***State Well NO*** **|** ***Owner Name:*** *5756310* | *Radu Boghici*	W	0.77 / 4,068.58	205
52	SDRW WELLS	Joe Terry	12345 Pauls Valley Rd. Austin TX 78737 ***Track NO:*** *342605*	ESE	0.77 / 4,079.52	216
53	SDRW WELLS	RIENZI CUSTOM HOMES	12500 TRIPLE CRK. DRIPPING SPRINGS TX 78620 ***Track NO:*** *62855*	WSW	0.78 / 4,102.92	217
54	TCEQ WELL LOGS	GLASS, DELBY/TED MASSINGILL	TX ***Grid No*** **|** ***Owners Name:*** *N/A* | *GLASS, DELBY/TED MASSINGILL*	WSW	0.78 / 4,115.50	218
55	TCEQ WELL LOGS	DENNIS BOHLS	TX ***Grid No*** **|** ***Owners Name:*** *N/A* | *DENNIS BOHLS*	WSW	0.78 / 4,141.36	221

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Page Number
55	SDRW WELLS	JACK DABNEY HOMES	12414 TRIPLE CREEK DRIVE, LOT 32-B DRIPPING SPRINGS TX 78620 **Track NO:** *54920*	WSW	0.78 / 4,141.36	224
56	SDRW WELLS	RIENZI CUSTOM HOMES	12410 TRIPLE CREEK DRIVE DRIPPING SPRINGS TX 78620 **Track NO:** *94540*	WSW	0.79 / 4,167.82	225
57	SDRW WELLS	David Embry	15800 Fitzhugh Rd. Dripping Springs TX 78620 **Track NO:** *357344*	W	0.79 / 4,173.82	226
58	SDRW WELLS	Joe Terry	12345 Pauls Valley Rd. Austin TX 78737 **Track NO:** *324088*	SE	0.80 / 4,210.00	227
59	SDRW WELLS	CARA EUBANK	12215 TRIPLE CREEK CIRCLE DRIPPING SPRINGS TX 78620 **Track NO:** *467599*	W	0.80 / 4,222.68	228
60	SDRW WELLS	Sam Caldwell	11355 Bonham Ranch Rd. Dripping Springs TX 78620 **Track NO:** *385494*	NW	0.80 / 4,241.96	229
61	SDRW WELLS	Jerry Swan	11201 Bonham Ranch Road #9 Dripping Springs TX 78620 **Track NO:** *91299*	NW	0.81 / 4,260.87	230
62	TCEQ WELL LOGS	CHARLES D. CARPENTER	TX **Grid No | Owners Name:** *57-48-9 | CHARLES D. CARPENTER*	WNW	0.81 / 4,265.43	231
62	SDRW WELLS	Morgan, Frank	11401 Bonham Ranch Rd. Dripping Springs, TX TX 78620 **Track NO:** *103823*	WNW	0.81 / 4,265.43	234
63	TCEQ WELL LOGS	SHARON BENNET	TX **Grid No | Owners Name:** *57-48-9 | SHARON BENNET*	WNW	0.82 / 4,346.24	235
64	SDRW WELLS	DABNEY HOMES	12322 TRIPLE CREEK DRIVE DRIPPING SPRINGS TX 78620 **Track NO:** *433210*	WSW	0.83 / 4,361.03	238
65	TCEQ WELL LOGS	KIM & JEFF SESSIONS	TX **Grid No | Owners Name:** *57-48-9 | KIM & JEFF SESSIONS*	W	0.83 / 4,382.38	239
66	SDRW WELLS	ERIC & CASEY FRIESENHAHN	12209 TRIPLE CRK. CIRCLE DRIPPING SPRINGS TX 78620	W	0.83 / 4,397.60	242

Map Key	DB	Company/Site Name	Address	Direction	Distance (mi/ft)	Page Number
			Track NO: *58765*			
67	TCEQ WELL LOGS	COUNTRY CUSTOM HOMES/SHELTON-OWNER	TX	W	0.87 / 4,590.00	243
			Grid No **|** ***Owners Name:*** *N/A* | *COUNTRY CUSTOM HOMES/SHELTON-OWNER*			
68	SDRW WELLS	Kevin Reed	12201 Triple Creek Circle Dripping Springs TX 78620 ***Track NO:*** *168157*	W	0.88 / 4,666.83	246
69	SDRW WELLS	JIM SHEPHARD	12208 TRIPLE CREEK DR DRIPPING SPRINGS TX 78620 ***Track NO:*** *93226*	W	0.90 / 4,775.12	247
70	SDRW WELLS	Jason Allen (Bujan-Hall)	11002 Bonham Ranch Rd. Austin TX 78736 ***Track NO:*** *265099*	NNW	0.91 / 4,818.77	248
71	SDRW WELLS	Richard Bowden	12460 Pauls Valley Rd. Austin TX 78737 ***Track NO:*** *439201*	SE	0.93 / 4,888.88	249
72	SDRW WELLS	Sarah & Spencer Whelan	128 Hudson Ln. Dripping Springs TX 78620 ***Track NO:*** *603499*	WNW	0.96 / 5,084.01	250
73	SDRW WELLS	Randy Metzger	10418 Crumley Ranch Road Austin TX 78738 ***Track NO:*** *261818*	N	0.97 / 5,147.51	251
74	TCEQ WELL LOGS	JERRY SWAN	TX	WNW	0.99 / 5,210.88	252
			Grid No **|** ***Owners Name:*** *57-48-9* | *JERRY SWAN*			
75	SDRW WELLS	Jack Dabney Homes	200 Hudson Lane Dripping Springs TX 78620 ***Track NO:*** *45601*	WNW	0.99 / 5,214.63	255
76	GWDB	Puryear Ranch Spring	TX	N	0.99 / 5,236.98	256
			State Well NO **|** ***Owner Name:*** *5748914* | *Puryear Ranch Spring*			



Map: 1.0 Mile Radius | Zoom Level: 3
Order Number: 23032000415
Address: Fitzhugh Rd, Austin, TX

ERIS

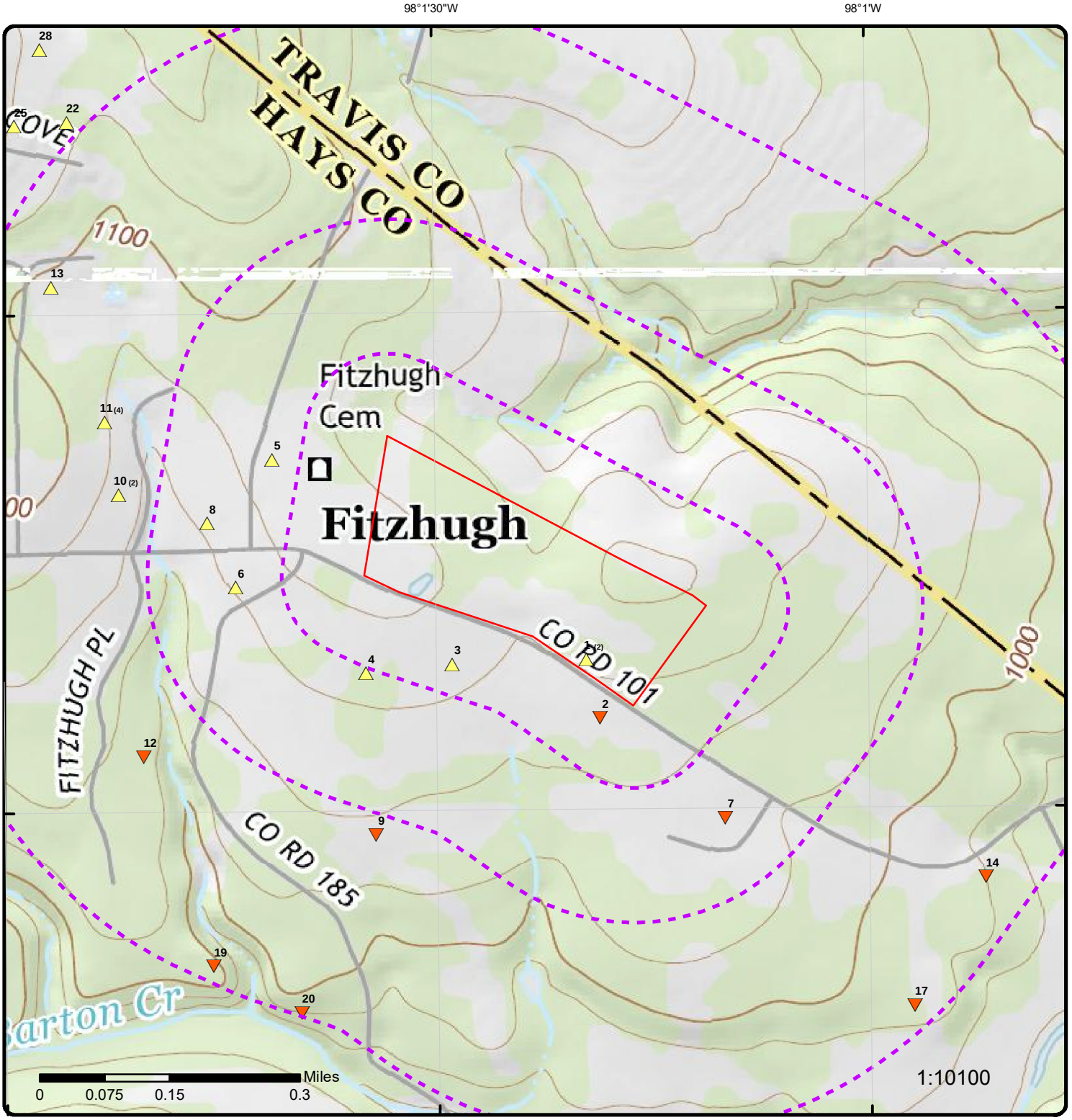
Plotted Water Wells

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Eris Areas with Higher Elevation
- Eris Areas with Same Elevation
- Eris Areas with Lower Elevation
- Eris Areas with Unknown Elevation

APP000631

Source: © US Geological Survey

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Map: 1.0 Mile Radius | Zoom Level: 2
Order Number: 23032000415
Address: Fitzhugh Rd, Austin, TX

ERIS

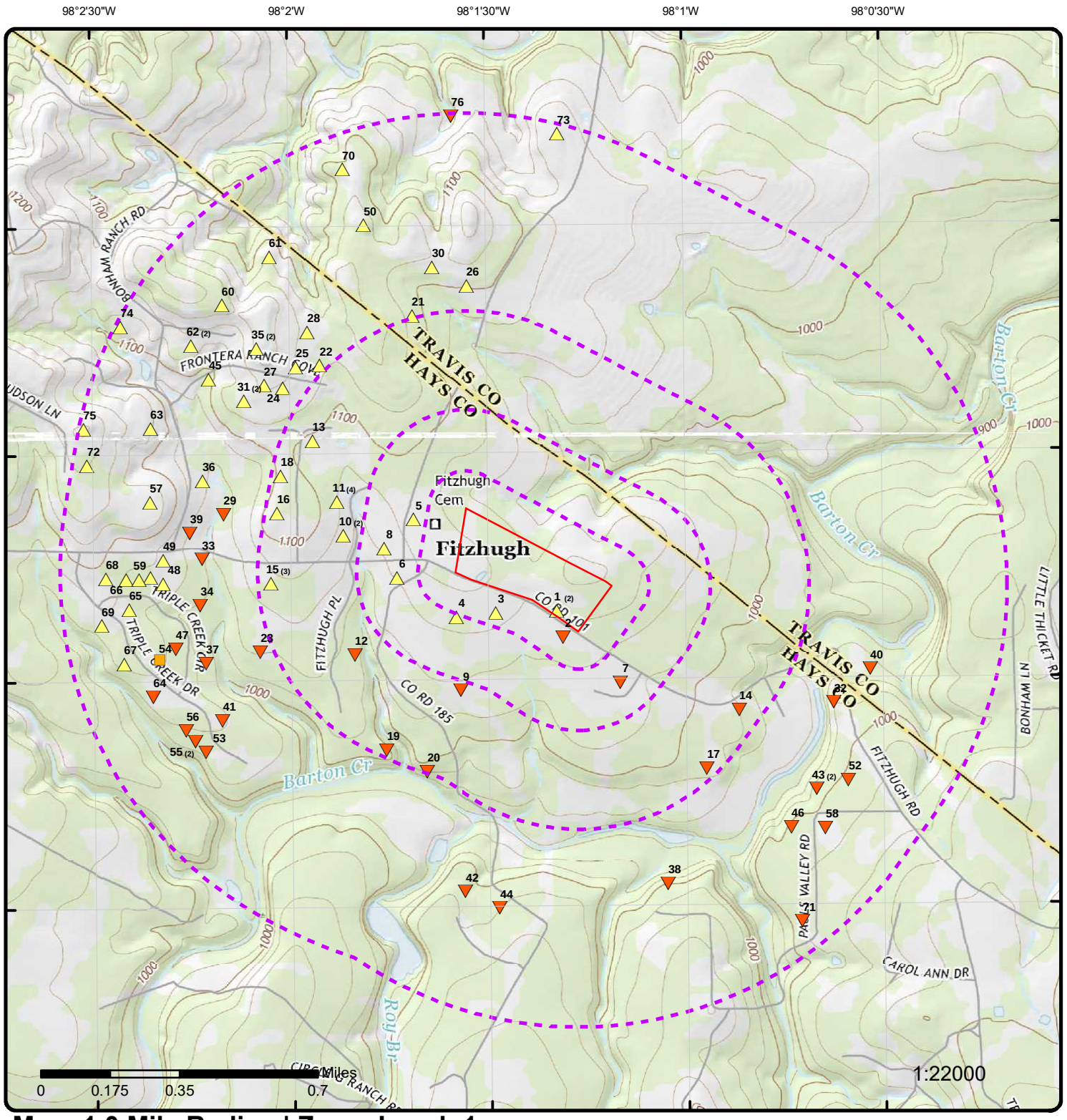
Plotted Water Wells

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Eris Areas with Higher Elevation
- Eris Areas with Same Elevation
- Eris Areas with Lower Elevation
- Eris Areas with Unknown Elevation

APP000632

Source: © US Geological Survey

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Map: 1.0 Mile Radius | Zoom Level: 1
Order Number: 23032000415
Address: Fitzhugh Rd, Austin, TX

ERIS

Plotted Water Wells

- Project Property
- Buffer Outline
- Eris Sites with Higher Elevation
- Eris Sites with Same Elevation
- Eris Sites with Lower Elevation
- Eris Sites with Unknown Elevation
- Eris Areas with Higher Elevation
- Eris Areas with Same Elevation
- Eris Areas with Lower Elevation
- Eris Areas with Unknown Elevation

APP000633

Source: © US Geological Survey

© ERIS Information Inc.



Aerial Year: 2022

Address: Fitzhugh Rd, Austin, TX

Source: ESRI World Imagery

Order Number: 23032000415

ERIS

© ERIS Information Inc.

APP000634

Detail Report

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
1	1 of 2	SE	0.00 / 0.00	TX	TCEQ WELL LOGS

Grid No: 57-56-3
Date Drilled: NOT REPORTED
Owners Name: DAKOTA SMITH
County: HAYS
Water Usage: NOT REPORTED
Static Level: NOT REPORTED
Depth Drilled: 300
Latitude: 30.24417199205801
Longitude: -98.02213198413241

STATE OF TEXAS PLUGGING REPORT for Tracking #211155

Owner:	**Dakota Smith**	Owner Well #:	**No Data**
Address:	**14820 Fitzhugh Road Austin, TX 78736**	Grid #:	**57-56-3**
Well Location:	**14820 Fitzhugh Road Austin, TX 78736**	Latitude:	**30° 14' 37.77" N**
		Longitude:	**098° 01' 20.11" W**
Well County:	**Hays**	Elevation:	**No Data**

Well Type: **Unknown**

Drilling Information

Company: **No Data** Date Drilled: **No Data**

Driller: **No Data** License Number: **No Data**

	Diameter (in.)	Top Depth (ft.)	Bottom Depth (ft.)
Borehole:	**6.25**	**0**	**300**

Plugging Information

Date Plugged: **8/19/2021** Plugger: **Frank Glass**

Plug Method: **Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet**

Casing Left in Well:

Dia (in.)	Top (ft.)	Bottom (ft.)
5	**1**	**20**

Plug(s) Placed in Well:

Top (ft.)	Bottom (ft.)	Description (number of sacks & material)
1	**300**	**30 cement, 15 Gel, 30 holeplug Bags/Sacks**

Certification Data: The driller certified that the driller plugged this well (or the well was plugged under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the reports(s) being returned for completion and resubmittal.

Company Information: **Associated Drilling Inc**
PO Box 673
Dripping Springs, TX 78620

Driller Name: **Frank Glass** License Number: **1313**

Comments: **more cement & gel & chips than required fractor.**

STATE OF TEXAS PLUGGING REPORT for Tracking #211155

Owner:	**Dakota Smith**	Owner Well #:	**No Data**
Address:	**14820 Fitzhugh Road Austin, TX 78736**	Grid #:	**57-56-3**
Well Location:	**14820 Fitzhugh Road Austin, TX 78736**	Latitude:	**30° 14' 37.77" N**
		Longitude:	**098° 01' 20.11" W**
Well County:	**Hays**	Elevation:	**No Data**

Well Type: **Unknown**

Drilling Information

Company: **No Data** Date Drilled: **No Data**

Driller: **No Data** License Number: **No Data**

	Diameter (in.)	Top Depth (ft.)	Bottom Depth (ft.)
Borehole:	**6.25**	**0**	**300**

Plugging Information

Date Plugged: **8/19/2021** Plugger: **Frank Glass**

Plug Method: **Pour in 3/8 bentonite chips when standing water in well is less than 100 feet depth, cement top 2 feet**

Casing Left in Well:

Dia (in.)	Top (ft.)	Bottom (ft.)
5	**1**	**20**

Plug(s) Placed in Well:

Top (ft.)	Bottom (ft.)	Description (number of sacks & material)
1	**300**	**30 cement, 15 Gel, 30 holeplug Bags/Sacks**

Certification Data: The driller certified that the driller plugged this well (or the well was plugged under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the reports(s) being returned for completion and resubmittal.

Company Information: **Associated Drilling Inc**
PO Box 673
Dripping Springs, TX 78620

Driller Name: **Frank Glass** License Number: **1313**

Comments: **more cement & gel & chips than required fractor.**

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
1	2 of 2	SE	0.00 / 0.00	TX	TCEQ WELL LOGS

Grid No: 57-56-3
Date Drilled: NOT REPORTED
Owners Name: DAKOTA SMITH
County: HAYS
Water Usage: NOT REPORTED
Static Level: NOT REPORTED
Depth Drilled: 300
Latitude: 30.244174314288514
Longitude: -98.02212125529634

1.4mi S/NL
.9mi E/WL

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER _____ (Name) Address _____ (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL:
County _____ _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☐ See attached map.

3) TYPE OF WORK (Check):
☐ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☐ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☐ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled _____

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
	Surface	

From (ft.)	To (ft.)	Description and color of formation material

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen

CEMENTING DATA
Cemented from _____ ft. to _____ ft.
Method used _____
Cemented by _____ (Company or Individual)

9) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

RECEIVED
MAR 31 1986
TEXAS WATER COMMISSION

11) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☐ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME _____ (Type or Print) Water Well Driller's License No. _____

ADDRESS _____ (Street or RFD) (City) (State) (Zip)

(Signed) Danny L Nelson (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR Use Only
Well No. 59-56-3
Located on map _____

TDWR-0392 (Rev. 5-27-82)

WELL OWNER'S COPY

1.4mi S/NL
.9mi E/WL

Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board P. O. Box 13087 Austin, Texas 78711

1) OWNER _____ (Name) Address _____ (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL:
County _____ _____ miles in _____ (N.E., S.W., etc.) direction from _____ (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☐ See attached map.

3) TYPE OF WORK (Check):
☐ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☐ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☐ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☐ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled _____

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
	Surface	

From (ft.)	To (ft.)	Description and color of formation material

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen

CEMENTING DATA
Cemented from _____ ft. to _____ ft.
Method used _____
Cemented by _____ (Company or Individual)

9) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

RECEIVED
MAR 31 1986
TEXAS WATER COMMISSION

11) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

(Use reverse side if necessary)

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☐ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

COMPANY NAME _____ (Type or Print) Water Well Driller's License No. _____

ADDRESS _____ (Street or RFD) (City) (State) (Zip)

(Signed) Danny L Nelson (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR Use Only
Well No. 59-56-3
Located on map _____

TDWR-0392 (Rev. 5-27-82)

WELL OWNER'S COPY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
2	1 of 1	SSE	0.03 / 179.16	BUJAN-HALL CUSTOM HOMES 14735 Fitzhugh Road Dripping Springs TX 78620	SDRW WELLS

Track NO: 86113
Date Submitted: 2006-06-27
Owner Name: BUJAN-HALL CUSTOM HOMES
Owner Address: 10200 Highway 290 West
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78736
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.243056
Longitude: -98.021944
Drilling Date Started: 2006-04-06
Drilling Date Completed: 2006-04-06
Chemical Analysis: No
Company Name: Central Texas Drilling Inc.
Company Address: 500 Southland Drive
CompanyAddress2:
Company City: Burnet
Company State: TX
Company Zip: 78611
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=86113&Type=SDR-Well

Well Borehole Information

Top Depth: 0
Bottom Depth: 50

Top Depth: 50
Bottom Depth: 760

Top Depth:
Bottom Depth: 760.0

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
3	1 of 1	SW	0.06 / 317.80	Christi Bacot 15000 Fitzhigh Rd./HTGCD #889 Austin TX 78736	SDRW WELLS

Track NO: 265094
Date Submitted: 2011-09-09
Owner Name: Christi Bacot
Owner Address: 15000 Fitzhugh Rd.
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78736
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.244167
Longitude: -98.024722
Drilling Date Started: 2005-09-23
Drilling Date Completed: 2005-10-03
Chemical Analysis: No
Company Name: Whisenant & Lyle WSI
Company Address: PO Box 525
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=265094&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 720.0

Top Depth: 0
Bottom Depth: 720

Well Levels

Measurement: 480
Measurement Date: 2005-09-30

Well Strata

Water Type:

Good

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
4	1 of 1	WSW	0.10 / 535.89	Jason Neyland 15100 Fitzhugh Rd Austin TX 78736	SDRW WELLS

Track NO: 583793
Date Submitted: 2021-09-14
Owner Name: Jason Neyland
Owner Address: 15100 Fitzhugh Rd
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78736
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.244
Longitude: -98.026306
Drilling Date Started: 2021-07-15
Drilling Date Completed: 2021-07-16
Chemical Analysis: No
Company Name: Bee Cave Drilling, Inc.
Company Address: 185 Angel Fire Rd.
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=583793&Type=SDR-Well

Well Borehole Information

Top Depth: 50
Bottom Depth: 725

Top Depth:
Bottom Depth: 725.0

Top Depth: 0
Bottom Depth: 10

Top Depth: 10
Bottom Depth: 50

Well Levels

Measurement: 555
Measurement Date: 2021-07-21

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
5	1 of 1	WNW	0.13 / 670.16	FITZHUGH BAPTISH CHURCH 15245 FITZHUGH RD. AUSTIN TX 78736	SDRW WELLS

Track NO: 207762
Date Submitted: 2010-02-11
Owner Name: FITZHUGH BAPTISH CHURCH
Owner Address: 11607 CRUMLEY RANCH RD.
Owner Address2:
Owner City: AUSTIN
Owner State: TX
Owner Zip: 78738
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.245556
Longitude: -98.028611
Drilling Date Started: 2009-11-24
Drilling Date Completed: 2009-11-24
Chemical Analysis: No
Company Name: CENTRAL TEXAS DRILLING, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=207762&Type=SDR-Well

Well Borehole Information

Top Depth: 100
Bottom Depth: 750

Top Depth: 0
Bottom Depth: 100

Top Depth:
Bottom Depth: 750.0

Well Levels

Measurement:
Measurement Date: 2009-11-24

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
6	1 of 1	W	0.15 / 785.76	GEORGE LOGSDON 15309 FITZHUGH RD. DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO:	14843
Date Submitted:	2002-12-06
Owner Name:	GEORGE LOGSDON
Owner Address:	15309 FITZHUGH RD.
Owner Address2:	
Owner City:	DRIPPING SPRINGS
Owner State:	TX
Owner Zip:	78620
County:	Hays
Type of Work:	Deepening
Typ of Wrk Oth Descr:	
Proposed Use:	Domestic
Prop Use Oth Descr:	
Latitude:	30.245278
Longitude:	-98.029167
Drilling Date Started:	2002-11-20
Drilling Date Completed:	2002-11-20
Chemical Analysis:	No
Company Name:	BEE CAVE DRILLING, INC.
Company Address:	185 ANGELFIRE DR.
CompanyAddress2:	
Company City:	DRIPPING SPRINGS
Company State:	TX
Company Zip:	78620
Company Country:	
Data Source:	Full SDR Database; SDRDB Well Location (Map)
Report Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=14843&Type=SDR-Well

Well Borehole Information

Top Depth:	540
Bottom Depth:	660
Top Depth:	
Bottom Depth:	660.0

Well Levels

Measurement:	400
Measurement Date:	2002-11-20

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
7	1 of 1	SE	0.17 / 881.66	RICHARD BISCHOFF 14625 FITZHUGH AUSTIN TX 78737	SDRW WELLS

Track NO: 116093
Date Submitted: 2007-07-05
Owner Name: RICHARD BISCHOFF
Owner Address: 14625 FITZHUGH
Owner Address2:
Owner City: AUSTIN
Owner State: TX
Owner Zip: 78737
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.241667
Longitude: -98.019722
Drilling Date Started: 2007-04-05
Drilling Date Completed: 2007-04-05
Chemical Analysis: No
Company Name: CENTRAL TEXAS DRILLING, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=116093&Type=SDR-Well

Well Borehole Information

Top Depth: 50
Bottom Depth: 710

Top Depth:
Bottom Depth: 710.0

Top Depth: 0
Bottom Depth: 50

Well Levels

Measurement: 407.6
Measurement Date: 2007-04-05

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
8	1 of 1	W	0.19 / 995.20	Fitzhugh Corners POA 15310 Fitzhugh Rd. Dripping Springs TX 78620	SDRW WELLS

Track NO: 361609
Date Submitted: 2014-05-05
Owner Name: Fitzhugh Corners POA
Owner Address: 15400 Fitzhugh Rd.
Owner Address2:
Owner City: Dripping Springs
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.246667
Longitude: -98.029722
Drilling Date Started: 2014-03-13
Drilling Date Completed: 2014-03-14
Chemical Analysis: No
Company Name: Bee Cave Drilling, Inc.
Company Address: 185 Angel Fire Dr.
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=361609&Type=SDR-Well

Well Borehole Information

Top Depth: 10
Bottom Depth: 100

Top Depth:
Bottom Depth: 770.0

Top Depth: 0
Bottom Depth: 10

Top Depth: 100
Bottom Depth: 770

Well Levels

Measurement: 448
Measurement Date: 2014-03-14

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
9	1 of 1	SSW	0.27 / 1,448.98	Nick Burkhalter 12225 Trautwein Rd Austin TX 78620	SDRW WELLS

Track NO: 302878
Date Submitted: 2012-10-30
Owner Name: Nick Burkhalter
Owner Address: 13500 Nuttybrown Rd
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78737
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.241389
Longitude: -98.026111
Drilling Date Started: 2012-09-25
Drilling Date Completed: 2012-09-26
Chemical Analysis: No
Company Name: Bee Cave Drilling
Company Address: 185 Angelfire Dr
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=302878&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 780.0

Top Depth: 0
Bottom Depth: 10

Top Depth: 10
Bottom Depth: 780

Well Levels

Measurement: 491
Measurement Date: 2012-09-27

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
10	1 of 2	W	0.29 / 1,555.61	Fitzhugh Corners TX	GWDB

Well Rep Track No:	292983
State Well NO:	5756309
Owner Name:	Fitzhugh Corners
Drilling Start Dt:	
Drilling Month:	6
Drilling Day:	15
Drilling Year:	2012
Well Depth:	770
Well Usage:	Domestic
Water Level Status:	
Latitude:	30.2466670
Longitude:	-98.0319440
Data Source:	Groundwater Database (GWDB) Reports; GIS shapefile of GWDB well locations
Well Info Report:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetReports.aspx?Num=5756309&Type=GWDB
Document Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetScannedImage.aspx?Num=5756309&Cnty=Hays

Fitzhugh Corners

11924 Fitzhugh Corners, Dripping Springs, Hays Co.

Received from Hays Trinity GCD on 8/7/2013

Date Drilled: 06/15/2012 **Drilling Co.** Bee Cave Drilling

State Well Rpt # 292983 **Grid#:** 57-56-3

Lat: -98.031940 **Long:** 30.246670 **Elev:** 1098 (Google Earth)

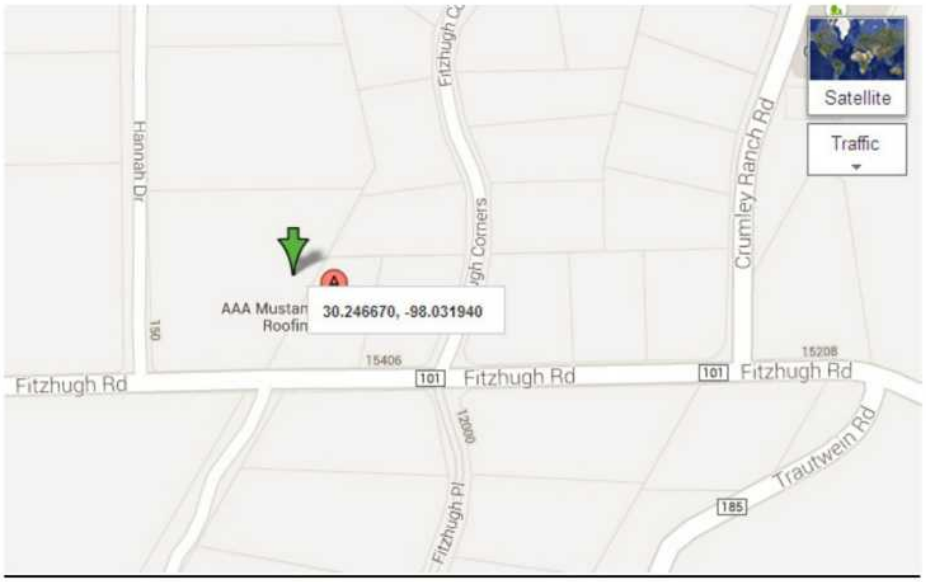
Well ID: 1389 **Reg. #:** 2063 **Use:** Domestic

Well Depth: 770 **Static W/L:** 533 **Pump Depth:** 620

Measure Point: 1.83 **Monitor Type:** Transducer/Eline

Notes:

Level Troll 300, installed 01/24/2013. Cable length=600



57-56-309

Fitzhugh Corners

11924 Fitzhugh Corners, Dripping Springs, Hays Co.

Received from Hays Trinity GCD on 8/7/2013

Date Drilled: 06/15/2012 **Drilling Co.** Bee Cave Drilling

State Well Rpt # 292983 **Grid#:** 57-56-3

Lat: -98.031940 **Long:** 30.246670 **Elev:** 1098 (Google Earth)

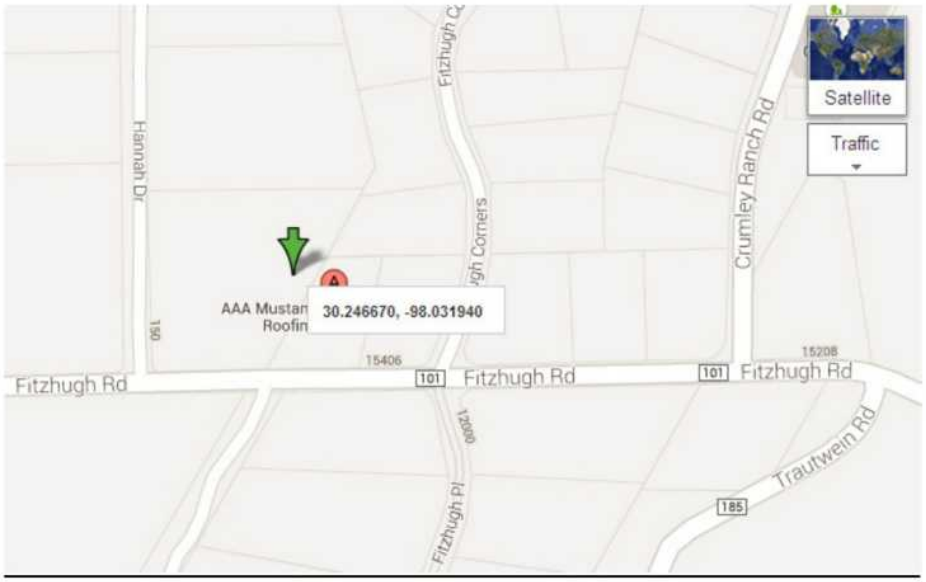
Well ID: 1389 **Reg. #:** 2063 **Use:** Domestic

Well Depth: 770 **Static W/L:** 533 **Pump Depth:** 620

Measure Point: 1.83 **Monitor Type:** Transducer/Eline

Notes:

Level Troll 300, installed 01/24/2013. Cable length=600



57-56-309

STATE OF TEXAS WELL REPORT for Tracking #292983

Owner:	**Fitzhugh Corners P.O.A**	Owner Well #:	**2**
Address:	**15400 Fitzhugh Rd Dripping Springs , TX 78620**	Grid #:	**57-56-3**
Well Location:	**11931 Fitzhugh Rd Dripping Springs , TX 78620**	Latitude:	**30° 14' 48" N**
Well County:	**Hays**	Longitude:	**098° 01' 55" W**
Elevation:	**1098 ft.**	GPS Brand Used:	**Google Earth**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Date:	Started: **6/15/2012** Completed: **6/15/2012**
Diameter of Hole:	Diameter: **10 in From Surface To 10 ft** Diameter: **8 in From 10 ft To 100 ft** Diameter: **6.75 in From 100 ft To 770 ft**
Drilling Method:	**Air Hammer**
Borehole Completion:	**Open Hole**
Annular Seal Data:	1st Interval: **From 2 ft to 100 ft with 9 (#sacks and material)** 2nd Interval: **No Data** 3rd Interval: **No Data** Method Used: **Pressure** Cemented By: **Jason Perry** Distance to Septic Field or other Concentrated Contamination: **No Data** Distance to Property Line: **No Data** Method of Verification: **No Data** Approved by Variance: **No Data**
Surface Completion:	**Pitless Adapter Used**
Water Level:	Static level: **533 ft. below land surface on 7/20/2012** Artesian flow: **No Data**
Packers:	**Neoprene shale trap 100** **Neoprene shale trap 610 / 615** **Neoprene shale trap 715** **Neoprene shale trap 725 / 720**
Plugging Info:	Casing or Cement/Bentonite left in well: **No Data**
Type Of Pump:	**Submersible** Depth to pump bowl: **620 ft**
Well Tests:	**Estimated** Yield: **40 GPM with (No Data) ft drawdown after (No Data) hours**
Water Quality:	Type of Water: **Trinity** Depth of Strata: **725 ft.** Chemical Analysis Made: **No**

STATE OF TEXAS WELL REPORT for Tracking #292983

Owner:	**Fitzhugh Corners P.O.A**	Owner Well #:	**2**
Address:	**15400 Fitzhugh Rd Dripping Springs , TX 78620**	Grid #:	**57-56-3**
Well Location:	**11931 Fitzhugh Rd Dripping Springs , TX 78620**	Latitude:	**30° 14' 48" N**
Well County:	**Hays**	Longitude:	**098° 01' 55" W**
Elevation:	**1098 ft.**	GPS Brand Used:	**Google Earth**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Date:	Started: **6/15/2012** Completed: **6/15/2012**
Diameter of Hole:	Diameter: **10 in From Surface To 10 ft** Diameter: **8 in From 10 ft To 100 ft** Diameter: **6.75 in From 100 ft To 770 ft**
Drilling Method:	**Air Hammer**
Borehole Completion:	**Open Hole**
Annular Seal Data:	1st Interval: **From 2 ft to 100 ft with 9 (#sacks and material)** 2nd Interval: **No Data** 3rd Interval: **No Data** Method Used: **Pressure** Cemented By: **Jason Perry** Distance to Septic Field or other Concentrated Contamination: **No Data** Distance to Property Line: **No Data** Method of Verification: **No Data** Approved by Variance: **No Data**
Surface Completion:	**Pitless Adapter Used**
Water Level:	Static level: **533 ft. below land surface on 7/20/2012** Artesian flow: **No Data**
Packers:	**Neoprene shale trap 100** **Neoprene shale trap 610 / 615** **Neoprene shale trap 715** **Neoprene shale trap 725 / 720**
Plugging Info:	Casing or Cement/Bentonite left in well: **No Data**
Type Of Pump:	**Submersible** Depth to pump bowl: **620 ft**
Well Tests:	**Estimated** Yield: **40 GPM with (No Data) ft drawdown after (No Data) hours**
Water Quality:	Type of Water: **Trinity** Depth of Strata: **725 ft.** Chemical Analysis Made: **No**

	Did the driller knowingly penetrate any strata which contained undesirable constituents: **No**
Certification Data:	The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the log(s) being returned for completion and resubmittal.
Company Information:	**Bee Cave Drilling** **185 Angel Fire Dr** **Dripping Springs , TX 78620**
Driller License Number:	**54416**
Licensed Well Driller Signature:	**Jim Blair**
Registered Driller Apprentice Signature:	**Steve Stewart**
Apprentice Registration Number:	**11049501**
Comments:	**Assigned SWN 57-56-309 by TWDB on 8/7/2013.**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking number (Tracking #**292983**) on your written request.

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
(512) 463-7880

DESC. & COLOR OF FORMATION MATERIAL

From (ft) To (ft) Description
0 4 Top soil
4 8 White limestone
8 15 Grey limestone
15 20 Tan caliche
20 89 Grey limestone
89 95 Tan limestone
95 110 Grey limestone
110 120 White limeston
120 190 Grey limestone
190 193 Grey shale
193 215 Grey limestone
215 270 Grey shale
270 280 Grey limestone
280 340 Tan limestone
340 440 Grey limestone
440 510 Grey / tan limestone - 5 gpm
510 550 Grey shale
550 570 red / grey clay
570 595 Grey limestone

CASING, BLANK PIPE & WELL SCREEN DATA

Dia. New/Used Type Setting From/To
4 1/2 New Plastic +1 / 730 sdr 17
4 1/2 New Plastic, perf 1/2 730 / 770 sdr 17

	Did the driller knowingly penetrate any strata which contained undesirable constituents: **No**
Certification Data:	The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the log(s) being returned for completion and resubmittal.
Company Information:	**Bee Cave Drilling** **185 Angel Fire Dr** **Dripping Springs , TX 78620**
Driller License Number:	**54416**
Licensed Well Driller Signature:	**Jim Blair**
Registered Driller Apprentice Signature:	**Steve Stewart**
Apprentice Registration Number:	**11049501**
Comments:	**Assigned SWN 57-56-309 by TWDB on 8/7/2013.**

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Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
(512) 463-7880

DESC. & COLOR OF FORMATION MATERIAL

From (ft) To (ft) Description
0 4 Top soil
4 8 White limestone
8 15 Grey limestone
15 20 Tan caliche
20 89 Grey limestone
89 95 Tan limestone
95 110 Grey limestone
110 120 White limeston
120 190 Grey limestone
190 193 Grey shale
193 215 Grey limestone
215 270 Grey shale
270 280 Grey limestone
280 340 Tan limestone
340 440 Grey limestone
440 510 Grey / tan limestone - 5 gpm
510 550 Grey shale
550 570 red / grey clay
570 595 Grey limestone

CASING, BLANK PIPE & WELL SCREEN DATA

Dia. New/Used Type Setting From/To
4 1/2 New Plastic +1 / 730 sdr 17
4 1/2 New Plastic, perf 1/2 730 / 770 sdr 17

595 605 Grey / brown shale
605 610 Grey / brown limestone
610 670 Grey / brown shale
670 710 Red sandstone with grey shale - 30 gpm, 1500 tds
710 715 Red / pink sandstone
715 725 Red sandstone with shale
725 770 Red / pink sandstone mix - 15 gpm, 1200 tds

595 605 Grey / brown shale
605 610 Grey / brown limestone
610 670 Grey / brown shale
670 710 Red sandstone with grey shale - 30 gpm, 1500 tds
710 715 Red / pink sandstone
715 725 Red sandstone with shale
725 770 Red / pink sandstone mix - 15 gpm, 1200 tds

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
10	2 of 2	W	0.29 / 1,555.61	Fitzhugh Corners P.O.A 11931 Fitzhugh Rd Dripping Springs TX 78620	SDRW WELLS

Track NO: 292983
Date Submitted: 2012-07-20
Owner Name: Fitzhugh Corners P.O.A
Owner Address: 15400 Fitzhugh Rd
Owner Address2:
Owner City: Dripping Springs
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.246667
Longitude: -98.031944
Drilling Date Started: 2012-06-15
Drilling Date Completed: 2012-06-15
Chemical Analysis: No
Company Name: Bee Cave Drilling
Company Address: 185 Angel Fire Dr
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=292983&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 770.0

Top Depth: 100
Bottom Depth: 770

Top Depth: 0
Bottom Depth: 10

Top Depth: 10
Bottom Depth: 100

Well Levels

Measurement: 533
Measurement Date: 2012-07-20

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
11	1 of 4	WNW	0.32 / 1,713.05	FITZHUGH CORNERS TX	TCEQ WELL LOGS

Grid No:	57-48-9
Date Drilled:	07/27/1986
Owners Name:	FITZHUGH CORNERS
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	235
Depth Drilled:	500
Latitude:	30.248219
Longitude:	-98.031358

Well #1 .1mi. NISL .2mi. EIW

Please use black ink.
Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Fitzhugh Corners (Peerman) (Name) Address P. O. Box 23039, Austin, TX 78735 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Hays 7 miles in NE (N.E., S.W., etc.) direction from Dripping springs, TX (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☒ See attached map. Mason 58-57-5

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☐ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 7-27-86

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6"	Surface	500'

From (ft.)	To (ft.)	Description and color of formation material
0	4	Caliche
4	12	Yellow Rock
12	40	Blue Gray Lime
40	80	Cray Lime
80	90	Dk. Gray Shale
90	110	Gray Lime
110	155	Lt. Gray Lime
155	170	Dk. Gray Lime
170	210	Gray Lime
210	260	Lt. Gray Lime
260	300	Gray Rock
300	370	Lt. Gray Rock
370	400	Gray Rock
400	430	Lt. Gray Rock
430	435	Broken Gray Rock (6-8) Some Water
435	470	Lt. Gray Rock
470	485	Broken Gray Rock (20-25) Water Bearing
485	500	Hard Gray Rock
		25-30 G.P.M.

7) BOREHOLE COMPLETION:
☐ Open Hole ☒ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4½	N	PVC Sch 40 Plastic	0	500	

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 40 ft.
_____ ft. to _____ ft.
Method used Pour
Cemented by Raymond Whisenant & Son, Inc.

10) SURFACE COMPLETION
☒ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 235 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS:

	Type	Depth
(1)	Plastic	420'
(2)	Plastic	40'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 25-30 gpm with _____ ft. drawdown after _____ hrs.

RECEIVED
SEP 26 1986
TEXAS WATER COMMISSION

(Use reverse side if necessary)

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Raymond Whisenant & Son, Inc. (Type or Print) Water Well Driller's License No. 454

ADDRESS P. O. Box 425, Dripping Springs, TX 78620 (Street or RFD) (City) (State) (Zip)

(Signed) Raymond A. Whisenant (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 57-48-9
Located on map _____

DEPARTMENT OF WATER RESOURCES COPY

TDWR-0392 (12/29/83)

Well #1 .1mi. NISL .2mi. EIW

Please use black ink.
Send original copy by certified mail to the
Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Fitzhugh Corners (Peerman) (Name) Address P. O. Box 23039, Austin, TX 78735 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Hays 7 miles in NE (N.E., S.W., etc.) direction from Dripping springs, TX (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☒ See attached map. Mason 58-57-5

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☐ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:
Date drilled 7-27-86

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6"	Surface	500'

From (ft.)	To (ft.)	Description and color of formation material
0	4	Caliche
4	12	Yellow Rock
12	40	Blue Gray Lime
40	80	Cray Lime
80	90	Dk. Gray Shale
90	110	Gray Lime
110	155	Lt. Gray Lime
155	170	Dk. Gray Lime
170	210	Gray Lime
210	260	Lt. Gray Lime
260	300	Gray Rock
300	370	Lt. Gray Rock
370	400	Gray Rock
400	430	Lt. Gray Rock
430	435	Broken Gray Rock (6-8) Some Water
435	470	Lt. Gray Rock
470	485	Broken Gray Rock (20-25) Water Bearing
485	500	Hard Gray Rock
		25-30 G.P.M.

7) BOREHOLE COMPLETION:
☐ Open Hole ☒ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4½	N	PVC Sch 40 Plastic	0	500	

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 40 ft.
_____ ft. to _____ ft.
Method used Pour
Cemented by Raymond Whisenant & Son, Inc.

10) SURFACE COMPLETION
☒ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 235 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS:

	Type	Depth
(1)	Plastic	420'
(2)	Plastic	40'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 25-30 gpm with _____ ft. drawdown after _____ hrs.

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SEP 26 1986
TEXAS WATER COMMISSION

(Use reverse side if necessary)

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Raymond Whisenant & Son, Inc. (Type or Print) Water Well Driller's License No. 454

ADDRESS P. O. Box 425, Dripping Springs, TX 78620 (Street or RFD) (City) (State) (Zip)

(Signed) Raymond A. Whisenant (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 57-48-9
Located on map _____

DEPARTMENT OF WATER RESOURCES COPY

TDWR-0392 (12/29/83)

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
11	2 of 4	WNW	0.32 / 1,713.05	FITZHUGH CORNERS TX	TCEQ WELL LOGS

Grid No:	57-48-9
Date Drilled:	06/03/1986
Owners Name:	FITZHUGH CORNERS
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	NOT REPORTED
Depth Drilled:	520
Latitude:	30.248219
Longitude:	-98.031358

Well

1m: NISH
2m: E1WL

Please use black ink.
Send original copy by certified mail to the Texas Department of Water Resources
P. O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Fitzhugh Corners (Peerman) (Name) Address P. O. Box 23039, Austin, TX 78735 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Hays 7 miles in NE (N.E., S.W., etc.) direction from Dripping Springs, TX (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☒ See attached map. Mason 58-57-5

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check):
☐ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 6-3-86

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6"	Surface	560'

7) BOREHOLE COMPLETION:
☐ Open Hole ☒ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	4	Caliche
4	6	Yellow Rock
6	12	Blue Gray Lime
12	25	Yellow Rock
25	60	Gray Lime
60	140	Lt. Gray Lime
140	180	Gray Lime
180	200	Dk. Gray Lime
200	255	Soft Lt. Gray Lime
255	305	Gray Lime
305	315	Dk. Gray Shale
315	340	Gray Rock
340	385	Lt. Gray Rock
385	400	White Rock
400	450	Gray Rock
450	460	Broken Gray Rock (12-14) Water Bearing
460	510	Dk. Gray Rock
510	560	Dk. Gray Mud & Shale

12-14 GPM

RECEIVED
SEP 26 1986
TEXAS WATER COMMISSION

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4½	N	PVC Sch 40 Plastic	0	560	

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 30 ft.
_____ ft. to _____ ft.
Method used Pour
Cemented by Raymond Whisenant & Son, Inc.

10) SURFACE COMPLETION
☒ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS:

	Type	Depth
(1)	Plastic	540-520
(2)	Plastic	440'
(3)	Plastic	30'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 12-14 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Raymond Whisenant & Son, Inc. Water Well Driller's License No. 454
ADDRESS P. O. Box 425 Dripping Springs, TX 78620 (Street or RFD) (City) (State) (Zip)

(Signed) Raymond O. Whisenant (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 57-48-9
Located on map _____

DEPARTMENT OF WATER RESOURCES COPY

TDWR-0392 (12/29/83)

Well

1m: NISH
2m: E WL

Please use black ink.
Send original copy by certified mail to the Texas Department of Water Resources P. O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT
ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Fitzhugh Corners (Peerman) (Name) Address P. O. Box 23039, Austin, TX 78735 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Hays 7 miles in NE (N.E., S.W., etc.) direction from Dripping Springs, TX (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☒ See attached map. Mason 58-57-5

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Other _____

5) DRILLING METHOD (Check): ☐ Mud Rotary ☐ Air Hammer ☐ Driven ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Jetted ☐ Other _____

6) WELL LOG:

Date drilled 6-3-86

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6"	Surface	560'

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	4	Caliche
4	6	Yellow Rock
6	12	Blue Gray Lime
12	25	Yellow Rock
25	60	Gray Lime
60	140	Lt. Gray Lime
140	180	Gray Lime
180	200	Dk. Gray Lime
200	255	Soft Lt. Gray Lime
255	305	Gray Lime
305	315	Dk. Gray Shale
315	340	Gray Rock
340	385	Lt. Gray Rock
385	400	White Rock
400	450	Gray Rock
450	460	Broken Gray Rock (12-14) Water Bearing
460	510	Dk. Gray Rock
510	560	Dk. Gray Mud & Shale

12-14 GPM

RECEIVED
SEP 26 1986
TEXAS WATER COMMISSION

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
4½	N	PVC Sch 40 Plastic	0	560	

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 30 ft.
_____ ft. to _____ ft.
Method used Pour
Cemented by Raymond Whisenant & Son, Inc.

10) SURFACE COMPLETION
☒ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS:

	Type	Depth
(1)	Plastic	540-520
(2)	Plastic	440'
(3)	Plastic	30'

13) TYPE PUMP: ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 12-14 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Raymond Whisenant & Son, Inc. Water Well Driller's License No. 454
ADDRESS P. O. Box 425 Dripping Springs, TX 78620 (Street or RFD) (City) (State) (Zip)
(Signed) Raymond O. Whisenant (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TDWR use only
Well No. 57-48-9
Located on map _____

DEPARTMENT OF WATER RESOURCES COPY

TDWR-0392 (12/29/83)

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
11	3 of 4	WNW	0.32 / 1,713.05	FITZHUGH CORNERS TX	TCEQ WELL LOGS

Grid No:	57-48-9
Date Drilled:	06/03/1986
Owners Name:	FITZHUGH CORNERS
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	NOT REPORTED
Depth Drilled:	560
Latitude:	30.248219
Longitude:	-98.031358

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
11	4 of 4	WNW	0.32 / 1,713.05	FITZHUGH CORNERS 11914 FITZHUGH CORNERS DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 386316
Date Submitted: 2015-01-22
Owner Name: FITZHUGH CORNERS
Owner Address: 411 STIRRUP DRIVE
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.247778
Longitude: -98.031111
Drilling Date Started: 2014-12-08
Drilling Date Completed: 2014-12-08
Chemical Analysis: No
Company Name: CENTEX PUMP & SUPPLY, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=386316&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 750.0

Top Depth: 100
Bottom Depth: 750

Top Depth: 0
Bottom Depth: 100

Well Levels

Measurement: 521.6
Measurement Date: 2014-12-08

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
12	1 of 1	WSW	0.33 / 1,738.19	Tim Jennings 12101 Fitzhugh Place Dripping Springs TX 78620	SDRW WELLS

Track NO: 266992
Date Submitted: 2011-09-28
Owner Name: Tim Jennings
Owner Address: 12101 Fitzhugh Place
Owner Address2:
Owner City: Dripping Springs
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.2425
Longitude: -98.031111
Drilling Date Started: 2011-08-29
Drilling Date Completed: 2011-09-02
Chemical Analysis: No
Company Name: Geoprojects International, Inc.
Company Address: 8834 Circle Drive
CompanyAddress2:
Company City: Austin
Company State: TX
Company Zip: 78736
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=266992&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 755.0

Top Depth: 0
Bottom Depth: 755

Well Levels

Measurement: 595
Measurement Date: 2011-09-06

Well Strata

Water Type:

Fresh

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
13	1 of 1	WNW	0.42 / 2,239.59	Mike McDonald 460 Hannah Drive Dripping Springs TX 78620	SDRW WELLS

Track NO: 519169
Date Submitted: 2019-08-21
Owner Name: Mike McDonald
Owner Address: 104 Hudson Ln
Owner Address2:
Owner City: Dripping Springs
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.250483
Longitude: -98.0325
Drilling Date Started: 2019-06-27
Drilling Date Completed: 2019-06-27
Chemical Analysis: No
Company Name: Associated Drilling, Inc
Company Address: P O Box 673
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=519169&Type=SDR-Well

Well Borehole Information

Top Depth: 0
Bottom Depth: 50

Top Depth:
Bottom Depth: 870.0

Top Depth: 50
Bottom Depth: 870

Well Levels

Measurement: 530
Measurement Date: 2019-06-27

Well Strata

Water Type:

hosston

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
14	1 of 1	ESE	0.45 / 2,349.88	Joe Terry 14101 Fitzhugh Rd. Austin TX 78737	SDRW WELLS

Track NO: 299203
Date Submitted: 2012-09-19
Owner Name: Joe Terry
Owner Address: 14101 Fitzhugh Rd.
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78737
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.240556
Longitude: -98.014445
Drilling Date Started: 2012-07-25
Drilling Date Completed: 2012-07-25
Chemical Analysis: No
Company Name: Associated Drilling Inc.
Company Address: 12928 Lowden Ln.
CompanyAddress2:
Company City: Manchaca
Company State: TX
Company Zip: 78652
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=299203&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 702.0

Top Depth: 50
Bottom Depth: 702

Top Depth: 0
Bottom Depth: 50

Well Levels

Measurement: 364
Measurement Date: 2012-07-25

Well Strata

Water Type:

trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
15	1 of 3	W	0.47 / 2,466.32	GLEN SARGENT TX	TCEQ WELL LOGS

Grid No:	57-48-9
Date Drilled:	11/01/1992
Owners Name:	GLEN SARGENT
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	NOT REPORTED
Depth Drilled:	730
Latitude:	30.245369
Longitude:	-98.034473

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER SARGENT, GLEN (Name) ADDRESS _____ (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL:
County HAYS 12 _____ miles in NW (NE, SW, etc.) direction from OAK HILL (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ SEE ATTACHED MAP 57-48-9

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check):
☐ Driven ☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 11/1/92 19__ Completed _____ 19__

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
9"	Surface	20'
6"	20'	730'

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0-1		TOP SOIL
1-10		CALICHE
10-75		BLUE LIME
75-345		GREY LIME
345-370		WHITE LIME
370-460		GREY & BROWN w/ STRIPS SOAPSTN
460-520		BROWN water 3-4gpm
520-565		HAMMID
565-625		GREY LIME
625-730		TRINITY

(Use reverse side if necessary)

RECEIVED JAN 15 1993 TEXAS WATER COMMISSION

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
6"	N	PVC PALSTIC	+2	18	SCH40
			0	730	SDR17

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 18 ft. No. of Sacks Used 3
_____ ft. to _____ ft. No. of Sacks Used _____
Method used SLURRY
Cemented by C.T.D.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☒ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type PVC & BURLAP Depth 18, 620 & 640

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 560' ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Baller ☒ Jetted ☒ Estimated
Yield: 30' gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 40
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. 1313

ADDRESS 2300 S. RR 12 DRIPPINGS PRINGS, TX. 78620 (Street or RFD) (City) (State) (Zip)

(Signed) _____ (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. _____ Located on map 57-48-9

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER SARGENT, GLEN (Name) ADDRESS _____ (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL:
County HAYS 12 _____ miles in NW (NE, SW, etc.) direction from OAK HILL (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ SEE ATTACHED MAP 57-48-9

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check):
☐ Driven ☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 11/1/92 19__ Completed _____ 19__

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
9"	Surface	20'
6"	20'	730'

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0-1		TOP SOIL
1-10		CALICHE
10-75		BLUE LIME
75-345		GREY LIME
345-370		WHITE LIME
370-460		GREY & BROWN w/ STRIPS SOAPSTN
460-520		BROWN water 3-4gpm
520-565		HAMMID
565-625		GREY LIME
625-730		TRINITY

(Use reverse side if necessary)

RECEIVED JAN 15 1993 TEXAS WATER COMMISSION

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
6"	N	PVC PALSTIC	+2	18	SCH40
			0	730	SDR17

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 18 ft. No. of Sacks Used 3
_____ ft. to _____ ft. No. of Sacks Used _____
Method used SLURRY
Cemented by C.T.D.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☒ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type PVC & BURLAP Depth 18, 620 & 640

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 560' ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Baller ☒ Jetted ☒ Estimated
Yield: 30' gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 40
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. 1313

ADDRESS 2300 S. RR 12 DRIPPINGS PRINGS, TX. 78620 (Street or RFD) (City) (State) (Zip)

(Signed) _____ (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. _____ Located on map 57-48-9

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
15	2 of 3	W	0.47 / 2,466.32	GLEN SARGENT TX	TCEQ WELL LOGS

Grid No:	57-48-9
Date Drilled:	11/05/1992
Owners Name:	GLEN SARGENT
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	NOT REPORTED
Depth Drilled:	485
Latitude:	30.245369
Longitude:	-98.034473

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER SARGENT, GLEN (Name) ADDRESS _____ (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County HAYS . 12 miles in NW (NE, SW, etc.) direction from OAK HILL (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ SEE ATTACHED MAP 57-48-9

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check):
☐ Driven ☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 11/5/92 19__ Completed _____ 19__

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
9	Surface	18
6	18	485

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0-1		TOP SOIL
1-11		CALICHE
11-32		BLUE LIME
32-190		GREY LIME
190-200		WHITE LIME
200-240		DARK GREY LIME
240-245		TAN LIME
245-350		GREY LIME
350-485		SOFT WHITE LIME
water @ 420-460 12-15gpm		

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
6"	N	PVC PLSATIC	0	20	SCH40

RECEIVED JAN 05 1993 TEXAS WATER COMMISSION

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 20 ft. No. of Sacks Used 3
_____ ft. to _____ ft. No. of Sacks Used _____
Method used SLURRY
Cemented by C.T.D.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☒ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type PVC & BURLAP Depth 18'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Reciprocating
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: 12-15 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? GLEN ROSE Depth of strata 40'
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. 1313

ADDRESS 2300 S. RR 12 (Street or RFD) DRIPPING SPRINGS, TX (City) 78620 (State) (Zip)

(Signed) _____ (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. _____ Located on map 57-48-9

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Board
P.O. Box 13087
Austin, Texas 78711

1) OWNER SARGENT, GLEN (Name) ADDRESS _____ (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County HAYS . 12 miles in NW (NE, SW, etc.) direction from OAK HILL (Town)

Driller must complete the legal description below with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ LEGAL DESCRIPTION:
Section No. _____ Block No. _____ Township _____ Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☐ SEE ATTACHED MAP 57-48-9

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ De-Watering

5) DRILLING METHOD (Check):
☐ Driven ☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 11/5/92 19__ Completed _____ 19__

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
9	Surface	18
6	18	485

7) BOREHOLE COMPLETION:
☐ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	11	CALICHE
11	32	BLUE LIME
32	190	GREY LIME
190	200	WHITE LIME
200	240	DARK GREY LIME
240	245	TAN LIME
245	350	GREY LIME
350	485	SOFT WHITE LIME
water @ 420-460 12-15gpm		

(Use reverse side if necessary)

RECEIVED JAN 15 1993 TEXAS WATER COMMISSION

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
6"	N	PVC PLSATIC	0	20	SCH40

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 0 ft. to 20 ft. No. of Sacks Used 3
_____ ft. to _____ ft. No. of Sacks Used _____
Method used SLURRY
Cemented by C.T.D.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☒ Specified Steel Sleeve Installed [Rule 287.44(3)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level _____ ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type PVC & BURLAP Depth 18'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Reciprocating
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: 12-15 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☒ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? GLEN ROSE Depth of strata 40'
Was a chemical analysis made? ☐ Yes ☒ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. 1313

ADDRESS 2300 S. RR 12 (Street or RFD) DRIPPING SPRINGS, TX (City) 78620 (State) (Zip)

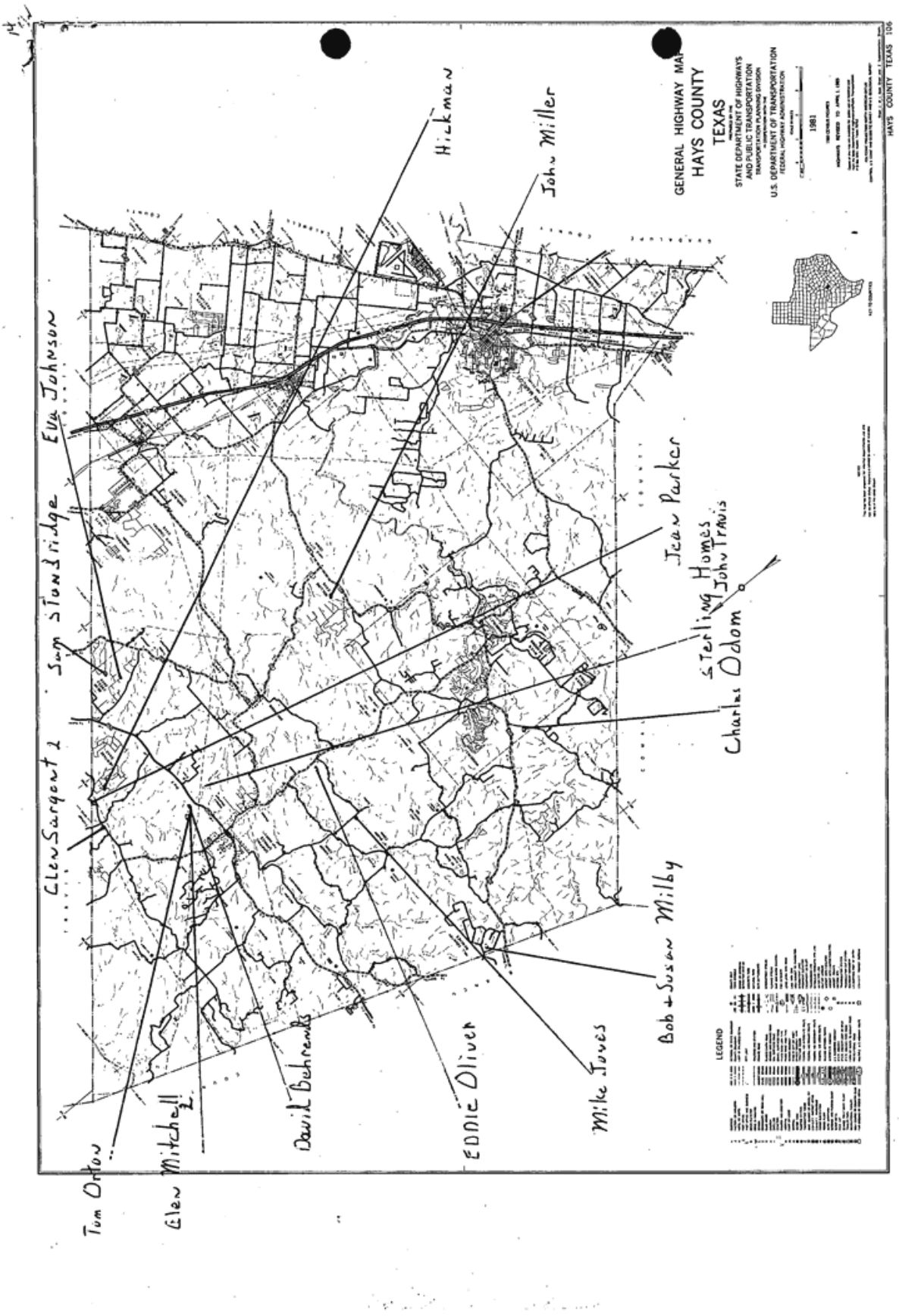
(Signed) _____ (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

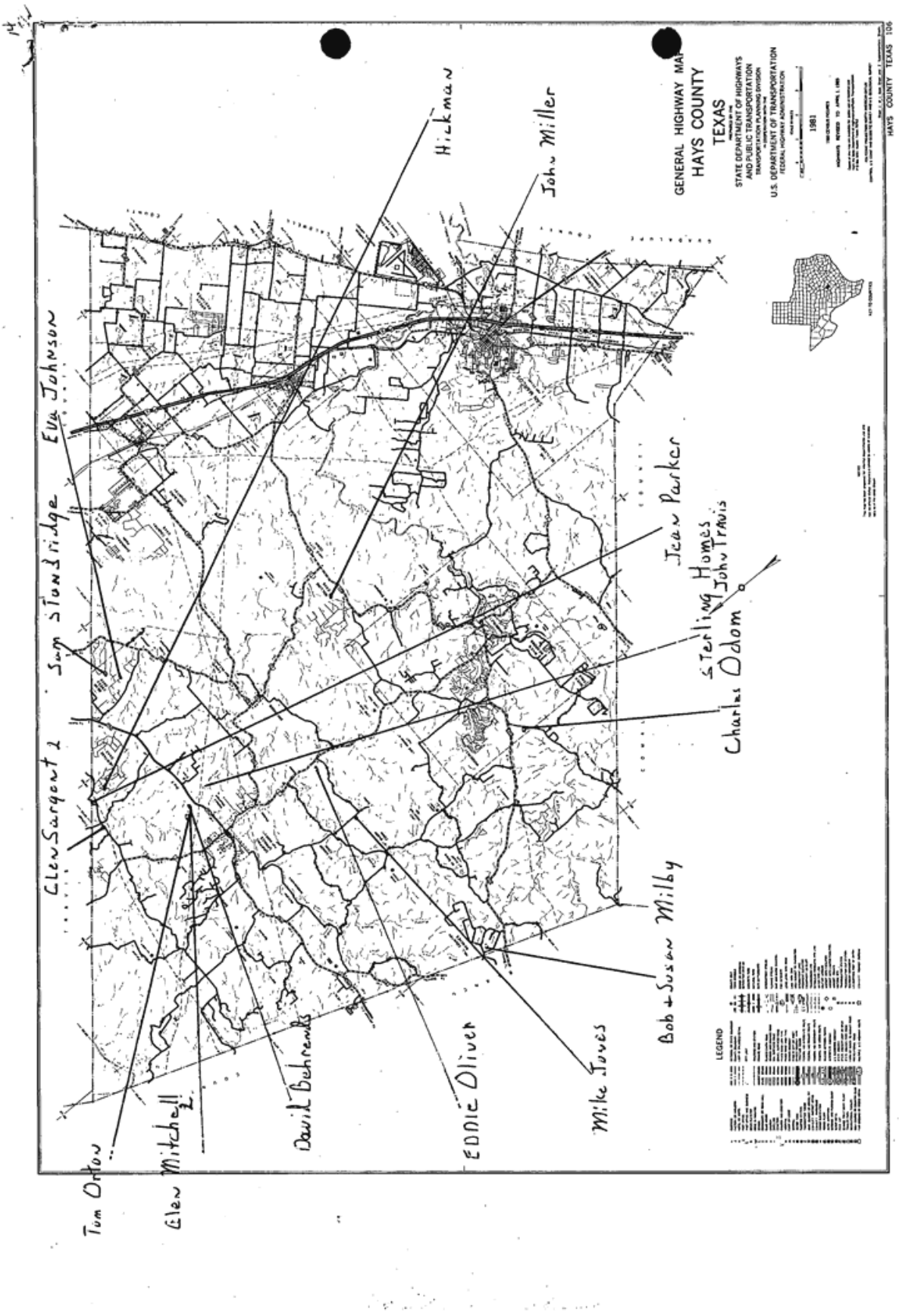
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. _____ Located on map 57-48-9

WWD-012 (Rev. 05-18-90)

TEXAS WATER COMMISSION COPY


GENERAL HIGHWAY MAP
HAYS COUNTY
TEXAS
STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION
U.S. DEPARTMENT OF TRANSPORTATION
1981
HAYS COUNTY TEXAS
LEGEND
Hickman
John Miller
Eva Johnson
Sam Standridge
Glen Sargent
Jean Parker
Sterling Holmes
John Travis
Charles Odom
Bob + Susan Milby
Mike Toves
EDDIE Oliver
David Behrends
Glen Mitchell
Tom Orton


GENERAL HIGHWAY MAP
HAYS COUNTY
TEXAS
STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION
U.S. DEPARTMENT OF TRANSPORTATION
1981
HAYS COUNTY TEXAS 106
LEGEND
Hickman
John Miller
Eva Johnson
Sam Standridge
Glen Sargent
Jean Parker
Sterling Homes
John Travis
Charles Odom
Bob + Susan Milby
Mike Jones
EDDIE Oliver
David Behrends
Glen Mitchell
Tom Orton

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
15	3 of 3	W	0.47 / 2,466.32	DUBB SMITH 15435 FITZHUGH RD. DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 483466
Date Submitted: 2018-07-02
Owner Name: DUBB SMITH
Owner Address: 4161 EAST U.S. HWY. 290
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.2457
Longitude: -98.033667
Drilling Date Started: 2018-06-05
Drilling Date Completed: 2018-06-05
Chemical Analysis: No
Company Name: Centex Pump & Supply, Inc.
Company Address: 2520 Hwy. 290 West
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=483466&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 830.0

Top Depth: 100
Bottom Depth: 830

Top Depth: 0
Bottom Depth: 100

Well Levels

Measurement: 563
Measurement Date: 2018-06-20

Well Strata

Water Type:

LOWER TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
16	1 of 1	WNW	0.47 / 2,479.30	GREG JUNG 213 HANNAH DRIVE DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 54955
Date Submitted: 2005-03-16
Owner Name: GREG JUNG
Owner Address: P. O. BOX 1677
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.241945
Longitude: -98.033889
Drilling Date Started: 2005-01-18
Drilling Date Completed: 2005-01-18
Chemical Analysis: No
Company Name: CENTRAL TEXAS DRILLING, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=54955&Type=SDR-Well

Well Borehole Information

Top Depth: 50
Bottom Depth: 750

Top Depth: 0
Bottom Depth: 50

Top Depth:
Bottom Depth: 750.0

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
17	1 of 1	SE	0.47 / 2,503.71	Joe Terry TX	SDRW WELLS

Track NO:	282944
Date Submitted:	2012-04-05
Owner Name:	Joe Terry
Owner Address:	14101 Fitzhugh Rd.
Owner Address2:	
Owner City:	Austin
Owner State:	TX
Owner Zip:	78736
County:	Hays
Type of Work:	New Well
Typ of Wrk Oth Descr:	
Proposed Use:	Stock
Prop Use Oth Descr:	
Latitude:	30.238334
Longitude:	-98.015834
Drilling Date Started:	2011-10-19
Drilling Date Completed:	2011-10-19
Chemical Analysis:	No
Company Name:	Western Water Wells
Company Address:	500 Southland Dr.
CompanyAddress2:	
Company City:	Burnet
Company State:	TX
Company Zip:	78611
Company Country:	
Data Source:	Full SDR Database; SDRDB Well Location (Map)
Report Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=282944&Type=SDR-Well

Well Borehole Information

Top Depth:	
Bottom Depth:	710.0
Top Depth:	0
Bottom Depth:	50
Top Depth:	50
Bottom Depth:	710

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
18	1 of 1	WNW	0.48 / 2,514.68	CODY WILLIAMS 321 HANNAH DRIVE, LOT 12 DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 62936
Date Submitted: 2005-07-19
Owner Name: CODY WILLIAMS
Owner Address: 494 HANNAH DRIVE
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.243056
Longitude: -98.033611
Drilling Date Started: 2005-06-07
Drilling Date Completed: 2005-06-07
Chemical Analysis: No
Company Name: CENTRAL TEXAS DRILLING,INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=62936&Type=SDR-Well

Well Borehole Information

Top Depth: 50
Bottom Depth: 770

Top Depth:
Bottom Depth: 770.0

Top Depth: 0
Bottom Depth: 50

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
19	1 of 1	SW	0.48 / 2,541.31	GLEN & LINDA WEICHERT 12241 FITZHUGH PLACE DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 86688
Date Submitted: 2006-07-05
Owner Name: GLEN & LINDA WEICHERT
Owner Address: 12241 FITZHUGH PLACE
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.237778
Longitude: -98.024722
Drilling Date Started: 2006-04-12
Drilling Date Completed: 2006-04-12
Chemical Analysis: No
Company Name: CENTRAL TEXAS DRILLING, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=86688&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 760.0

Top Depth: 50
Bottom Depth: 760

Top Depth: 0
Bottom Depth: 50

Well Levels

Measurement: 394.6
Measurement Date: 2006-04-14

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
20	1 of 1	SSW	0.50 / 2,619.31	CARTER KING 12250 TRAUTWEIN RD AUSTIN TX 78737	SDRW WELLS

Track NO: 156856
Date Submitted: 2008-10-21
Owner Name: CARTER KING
Owner Address: 12250 TRAUTWEIN RD
Owner Address2:
Owner City: AUSTIN
Owner State: TX
Owner Zip: 78737
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.237222
Longitude: -98.027222
Drilling Date Started: 2008-06-24
Drilling Date Completed: 2008-08-25
Chemical Analysis: No
Company Name: WHISENANT & LYLE WATER SERVICES INC
Company Address: P.O. BOX 525
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=156856&Type=SDR-Well

Well Borehole Information

Top Depth: 0
Bottom Depth: 660

Top Depth:
Bottom Depth: 660.0

Well Levels

Measurement: 360
Measurement Date: 2008-08-25

Well Strata

Water Type:

GOOD

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
21	1 of 1	NNW	0.51 / 2,668.31	CHRIS WAHLBERG TX	TCEQ WELL LOGS

Grid No:	57-48-9
Date Drilled:	06/23/1998
Owners Name:	CHRIS WAHLBERG
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	300
Depth Drilled:	755
Latitude:	30.255019
Longitude:	-98.028145

Send original copy by certified return receipt requested n TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3(

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas
WELL REPORT

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER CHRIS WAHLBERG (Name) ADDRESS 11600 CRUMLEY RANCH RD. (Street or RFD) AUSTIN (City) TX (State) 78736 (Zip)

2) ADDRESS OF WELL: County TRAVIS 11600 CRUMLEY RANCH RD. (Street, RFD or other) AUSTIN (City) TX (State) 78736 (Zip) GRID # 57-49-9

3) TYPE OF WORK (Check): [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [X] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) X N

6) WELL LOG:
Date Drilling: Started 6/22 19 98 Completed 6/23 1998

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8.75	Surface	10
6.5	10	20
6	20	755

7) DRILLING METHOD (Check): [ ] Driven [X] Air Rotary [ ] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

From (ft.)	To (ft.)	Description and color of formation material
0	5	ROCK
5	10	WHITE LIME
10	15	BLUE LIME
15	18	CALICHE
18	390	BLUE LIME
390	570	LT. GOLD LIME (2GPM)
570	575	BLUE LIME
575	600	LT. GOLD LIME
600	620	BLUE SHALE
620	680	LT. GOLD LIME
680	700	LT. BROWN LIME
700	730	REDISH BROWN LIME
730 -	750	TAN (40+GPM)
750	755	TAN ROCK

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): [X] Open Hole [ ] Straight Wall [ ] Underreamed [ ] Gravel Packed [ ] Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4.6	0	PLASTIC	0	755	

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 7
____ ft. to ____ ft. No. of sacks used ____
Method used SLURRIED & POURED
Cemented by REX BIBLE
Distance to septic system field lines or other concentrated contamination 154 ft.
Method of verification of above distance STEEL TAPE

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed [Rule 338.44(2)(A)]
[X] Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
[ ] Pitless Adapter Used [Rule 338.44(3)(b)]
[ ] Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL:
Static level 300 ft. below land surface Date 6/23/98
Artesian flow ____ gpm. Date ____

12) PACKERS:

	Type	Depth
1	PLASTIC	20
1		

FILE ID EMP # JUL 20 1998 SEQ # DESCRO 775 LOG RECEIVED TEMP

13) TYPE PUMP:
[ ] Turbine [ ] Jet [X] Submersible [ ] Cylinder
[ ] Other NOT YET SET
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [X] Jetted [X] Estimated
Yield: 40+ gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? [ ] Yes [X] No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME BEE CAVE DRILLING (Type or print) WELL DRILLER'S LICENSE NO. 2750 WPKL

ADDRESS 10324 W. BEE CAVE RD. (Street or RFD) AUSTIN (City) TX (State) 78733 (Zip)

(Signed) Rex W. Bible (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 05-21-96) *White - TNRCC Yellow - DRILLER Pink - WELL OWNER*

Send original copy by certified return receipt requested n TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3(

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas
WELL REPORT

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER CHRIS WAHLBERG (Name) ADDRESS 11600 CRUMLEY RANCH RD. (Street or RFD) AUSTIN (City) TX (State) 78736 (Zip)

2) ADDRESS OF WELL: County TRAVIS 11600 CRUMLEY RANCH RD. (Street, RFD or other) AUSTIN (City) TX (State) 78736 (Zip) GRID # 57-49-9

3) TYPE OF WORK (Check): [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [X] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) X N

6) WELL LOG:
Date Drilling: Started 6/22 19 98 Completed 6/23 1998

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8.75	Surface	10
6.5	10	20
6	20	755

7) DRILLING METHOD (Check): [ ] Driven [X] Air Rotary [ ] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

From (ft.)	To (ft.)	Description and color of formation material
0	5	ROCK
5	10	WHITE LIME
10	15	BLUE LIME
15	18	CALICHE
18	390	BLUE LIME
390	570	LT. GOLD LIME (2GPM)
570	575	BLUE LIME
575	600	LT. GOLD LIME
600	620	BLUE SHALE
620	680	LT. GOLD LIME
680	700	LT. BROWN LIME
700	730	REDISH BROWN LIME
730 -	750	TAN (40+GPM)
750	755	TAN ROCK

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): [X] Open Hole [ ] Straight Wall [ ] Underreamed [ ] Gravel Packed [ ] Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
4.6	0	PLASTIC	0	755	

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 7
____ ft. to ____ ft. No. of sacks used ____
Method used SLURRIED & POURED
Cemented by REX BIBLE
Distance to septic system field lines or other concentrated contamination 154 ft.
Method of verification of above distance STEEL TAPE

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed [Rule 338.44(2)(A)]
[X] Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
[ ] Pitless Adapter Used [Rule 338.44(3)(b)]
[ ] Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL:
Static level 300 ft. below land surface Date 6/23/98
Artesian flow ____ gpm. Date ____

12) PACKERS:

	Type	Depth
1	PLASTIC	20
1		

FILE ID EMP # JUL 20 1998 SEQ # DESCRO

13) TYPE PUMP:
[ ] Turbine [ ] Jet [X] Submersible [ ] Cylinder
[ ] Other NOT YET SET
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [X] Jetted [X] Estimated
Yield: 40+ gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? ____ Depth of strata ____
Was a chemical analysis made? [ ] Yes [X] No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME BEE CAVE DRILLING (Type or print) WELL DRILLER'S LICENSE NO. 2750 WPKL

ADDRESS 10324 W. BEE CAVE RD. (Street or RFD) AUSTIN (City) TX (State) 78733 (Zip)

(Signed) Rex W. Bible (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 05-21-96) White - TNRCC Yellow - DRILLER Pink - WELL OWNER

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
22	1 of 1	NW	0.52 / 2,732.25	DUMAS HOME BUILDING 493 FRONTERA RANCH DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 135355
Date Submitted: 2008-02-26
Owner Name: DUMAS HOME BUILDING
Owner Address: 9907 LONGHORN SKYWAY
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.253334
Longitude: -98.032222
Drilling Date Started: 2007-11-29
Drilling Date Completed: 2007-11-29
Chemical Analysis: No
Company Name: CENTRAL TEXAS DRILLING, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=135355&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 790.0

Top Depth: 50
Bottom Depth: 790

Top Depth: 0
Bottom Depth: 50

Well Levels

Measurement: 509.6
Measurement Date: 2007-12-05

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
23	1 of 1	WSW	0.53 / 2,813.11	R.G. KEEN 15425 FITZHUGH RD DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO:	41224
Date Submitted:	2004-07-21
Owner Name:	R.G. KEEN
Owner Address:	6605 LAKEWOOD PT COVE
Owner Address2:	
Owner City:	AUSTIN
Owner State:	TX
Owner Zip:	78750
County:	Hays
Type of Work:	New Well
Typ of Wrk Oth Descr:	
Proposed Use:	Domestic
Prop Use Oth Descr:	
Latitude:	30.243056
Longitude:	-98.033889
Drilling Date Started:	2004-06-23
Drilling Date Completed:	2004-06-23
Chemical Analysis:	No
Company Name:	BEE CAVE DRILLING, INC.
Company Address:	185 ANGEL FIRE DR.
CompanyAddress2:	
Company City:	DRIPPING SPRINGS
Company State:	TX
Company Zip:	78620
Company Country:	
Data Source:	Full SDR Database; SDRDB Well Location (Map)
Report Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=41224&Type=SDR-Well

Well Borehole Information

Top Depth:	
Bottom Depth:	650.0
Top Depth:	0
Bottom Depth:	30
Top Depth:	30
Bottom Depth:	650

Well Levels

Measurement:	386
Measurement Date:	2004-06-24

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
24	1 of 1	WNW	0.55 / 2,925.14	Jarrod and Kelli Murdock 418 Frontera Ranch Cove Dripping Springs TX 78620	SDRW WELLS

Track NO: 507490
Date Submitted: 2019-04-04
Owner Name: Jarrod and Kelli Murdock
Owner Address: 418 Frontera Ranch Cove
Owner Address2:
Owner City: Dripping Springs
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.252133
Longitude: -98.033683
Drilling Date Started: 2019-02-25
Drilling Date Completed: 2019-02-25
Chemical Analysis: No
Company Name: Associated Drilling Inc
Company Address: PO Box 673
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=507490&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 850.0

Top Depth: 0
Bottom Depth: 50

Top Depth: 50
Bottom Depth: 850

Well Levels

Measurement: 569
Measurement Date: 2019-02-25

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
25	1 of 1	NW	0.56 / 2,952.44	Stock Lending Supply 465 Frontera Ranch Dripping Springs TX 78620	SDRW WELLS

Track NO: 171288
Date Submitted: 2009-03-17
Owner Name: Stock Lending Supply
Owner Address: 4501 Burleson Rd
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78744
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.253056
Longitude: -98.0325
Drilling Date Started: 2009-03-09
Drilling Date Completed: 2009-03-10
Chemical Analysis: No
Company Name: Apex Drilling, Inc.
Company Address: P O Box 867
CompanyAddress2:
Company City: Marble Falls
Company State: TX
Company Zip: 78654
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=171288&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 805.0

Top Depth: 0
Bottom Depth: 620

Top Depth: 620
Bottom Depth: 805

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
26	1 of 1	NNW	0.56 / 2,971.69	N.O. Crumley TX	GWDB

Well Rep Track No:	
State Well NO:	5748903
Owner Name:	N.O. Crumley
Drilling Start Dt:	
Drilling Month:	
Drilling Day:	
Drilling Year:	1964
Well Depth:	287
Well Usage:	Domestic
Water Level Status:	
Latitude:	30.2561120
Longitude:	-98.0258330
Data Source:	Groundwater Database (GWDB) Reports; GIS shapefile of GWDB well locations
Well Info Report:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetReports.aspx?Num=5748903&Type=GWDB
Document Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetScannedImage.aspx?Num=5748903&Cnty=Travis

GW 1

TEXAS WATER DEVELOPMENT BOARD

WELL SCHEDULE

Aquifer Kgrk Kgrk Kgrk | Field No. | State Well No. 57-48-903

Owner's Well No. | County Travis

1. Location: 1/4, 1/4 Sec., Block, Survey
2 mi. N. of Fitzhugh Baptist Church
2. Owner: N. O. Crumley Address: 908 W. Mary, Austin
Tenant: Address:
Driller: Stenring Drlg. Co. Address: Austin
3. Elevation of LSD is 1090 ft. above msl, determined by 7½ topo
4. Drilled: 3/18 19 64 ; Dug, Cable Tool, (Rotary) 8¾" hole
5. Depth: Rept. 287 ft. Meas. ft.
6. Completion: (Open Hole) Straight Wall, Underreamed, Gravel Packed
7. Pump: Mfgr. Red Jacket Type SUBM.
No. Stages, Bowls Diam. in., Setting ft.
Column Diam. in., Length Tailpipe ft.
8. Motor: Fuel Elec Make & Model HP.
9. Yield: Flow gpm, Pump 15 gpm, Meas., (Rept.) Est. Driller
10. Performance Test: Date 3/64 Length of Test Made by Dale Bailey
Static Level 217 ft. Pumping Level 217 ft. Drawdown 0 ft.
Production 15 gpm Specific Capacity gpm/ft.
11. Water Level: 217 ft. (rept) meas. 3/18 1964 (above) below LSD which is ft. above below surface.
191.8 ft. rept. meas. 2-4- 1969 above (below) ½" HOLE IN TOP STEEL PLATE-REMOVE PLUG which is 0.8 ft. above (below) surface.
ft. rept. meas. 19 above below which is ft. above below surface.
ft. rept. meas. 19 above below which is ft. above below surface.
12. Use: (Dom.) Stock, Public Supply, Ind., Irr., Waterflooding, Observation, Not Used,
13. Quality: (Remarks on taste, odor, color, etc.)
Temp. 60 °F, Date sampled for analysis 2-4-69 Laboratory TSHD
Temp. °F, Date sampled for analysis Laboratory
Temp. °F, Date sampled for analysis Laboratory
14. Other data available as circled: (Driller's Log) Radioactivity Log, Electric Log,
Formation Samples, Pumping Test, Dlog See Back
15. Record by: R. Blunter Date 4/19 1966
Source of Data DLT WDR
16. Remarks:

CASING & BLANK PIPE

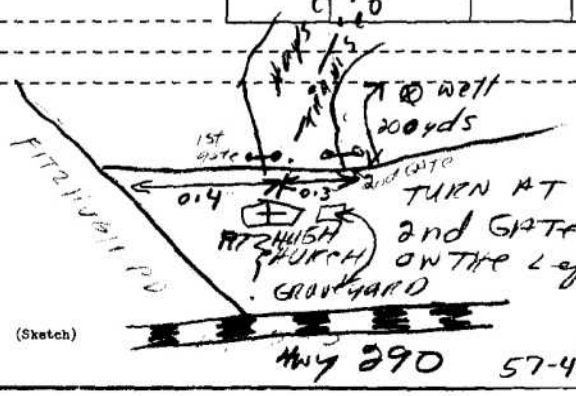
Cemented From ft. to ft.

Diam. (in.)	Type	Setting, ft. from	to
7	Steel	0	21.5

WELL SCREEN

Screen Openings 265.5'

Diam. (in.)	Type	Setting, ft. from	to
	OPEN HOLE	21.5	287



N. O. Crumley (West) (Sketch) 57-48-903

GW 1

TEXAS WATER DEVELOPMENT BOARD

WELL SCHEDULE

Aquifer Kgl Kgl ~~Kgl~~ + Kgu Field No. _____ State Well No. 57-48-903

Owner's Well No. _____ County Travis

1. Location: _1/4, _1/4 Sec. _____, Block _____ Survey _____
2 mi. N. of Fitzhugh Baptist Church
2. Owner: N. O. Crumley Address: 908 W. Mary, Austin
Tenant: _____ Address: _____
Driller: Stenering Drlg. Co. Address: Austin
3. Elevation of LSD is 1090 ft. above msl, determined by 7½ topo
4. Drilled: 3/18 1964; Dug, Cable Tool, (Rotary) 8¾" hole
5. Depth: Rept. 287 ft. Meas. _____ ft.
6. Completion: (Open Hole) Straight Wall, Underreamed, Gravel Packed _____
7. Pump: Mfgr. Red Jacket Type SUBM.
No. Stages _____, Bowls Diam. _____ in., Setting _____ ft.
Column Diam. _____ in., Length Tailpipe _____ ft.
8. Motor: Fuel Elec Make & Model _____ HP. _____
9. Yield: Flow _____ gpm, Pump 15 gpm, Meas., (Rept.) Est. Driller
10. Performance Test: Date 3/64 Length of Test _____ Made by Dale Bailey
Static Level 217 ft. Pumping Level 217 ft. Drawdown 0 ft.
Production 15 gpm Specific Capacity _____ gpm/ft.

CASING & BLANK PIPE — Cemented From _____ ft. to _____ ft.

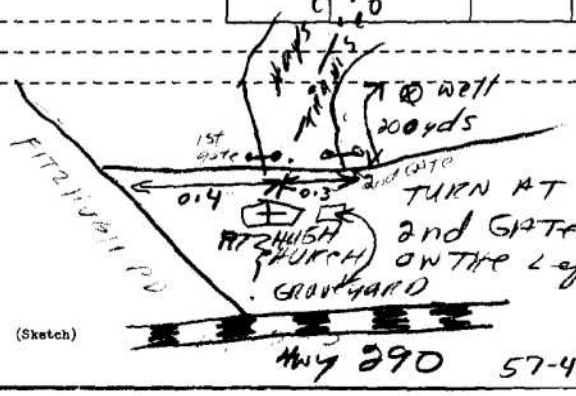
Diam. (in.)	Type	Setting, ft. from	to
7	Steel	0	21.5

11. Water Level: 217 ft. (rept.) meas. 3/18 1964 (above) below LSD which is _____ ft. above below surface.
191.8 ft. rept. meas. 2-4- 1969 above (below) ½" HOLE IN TOP STEEL PLATE-REMOVE PLUG which is 0.8 ft. above (below) surface.
_____ ft. rept. meas. 19__ above below which is _____ ft. above below surface.
_____ ft. rept. meas. 19__ above below which is _____ ft. above below surface.
12. Use: (Dom.) Stock, Public Supply, Ind., Irr., Waterflooding, Observation, Not Used, _____
13. Quality: (Remarks on taste, odor, color, etc.) _____
Temp. 60 °F, Date sampled for analysis 2-4-69 Laboratory TSHD
Temp. ___ °F, Date sampled for analysis _____ Laboratory _____
Temp. ___ °F, Date sampled for analysis _____ Laboratory _____

WELL SCREEN — Screen Openings 265.5'

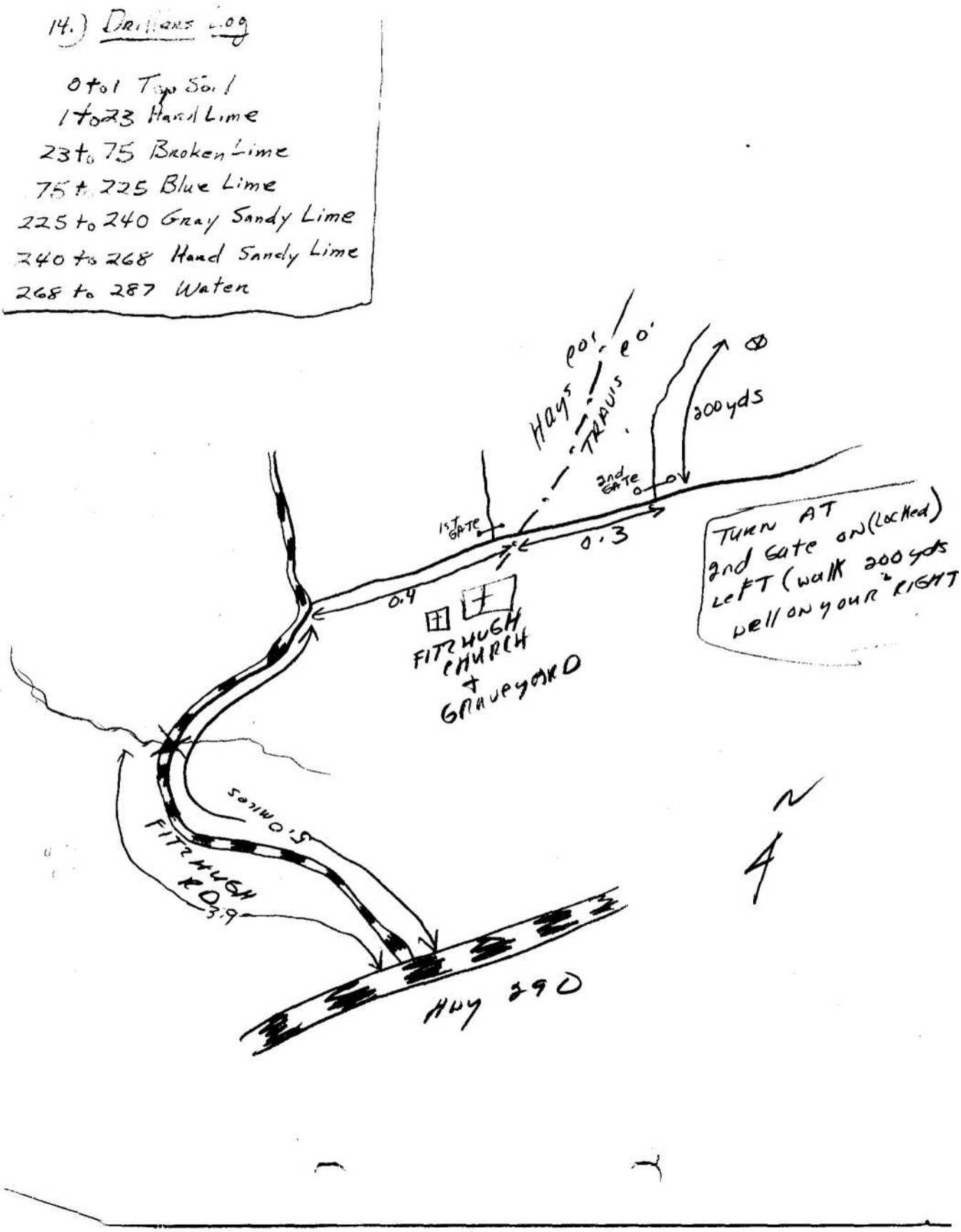
Diam. (in.)	Type	Setting, ft. from	to
	OPEN HOLE	21.5	287

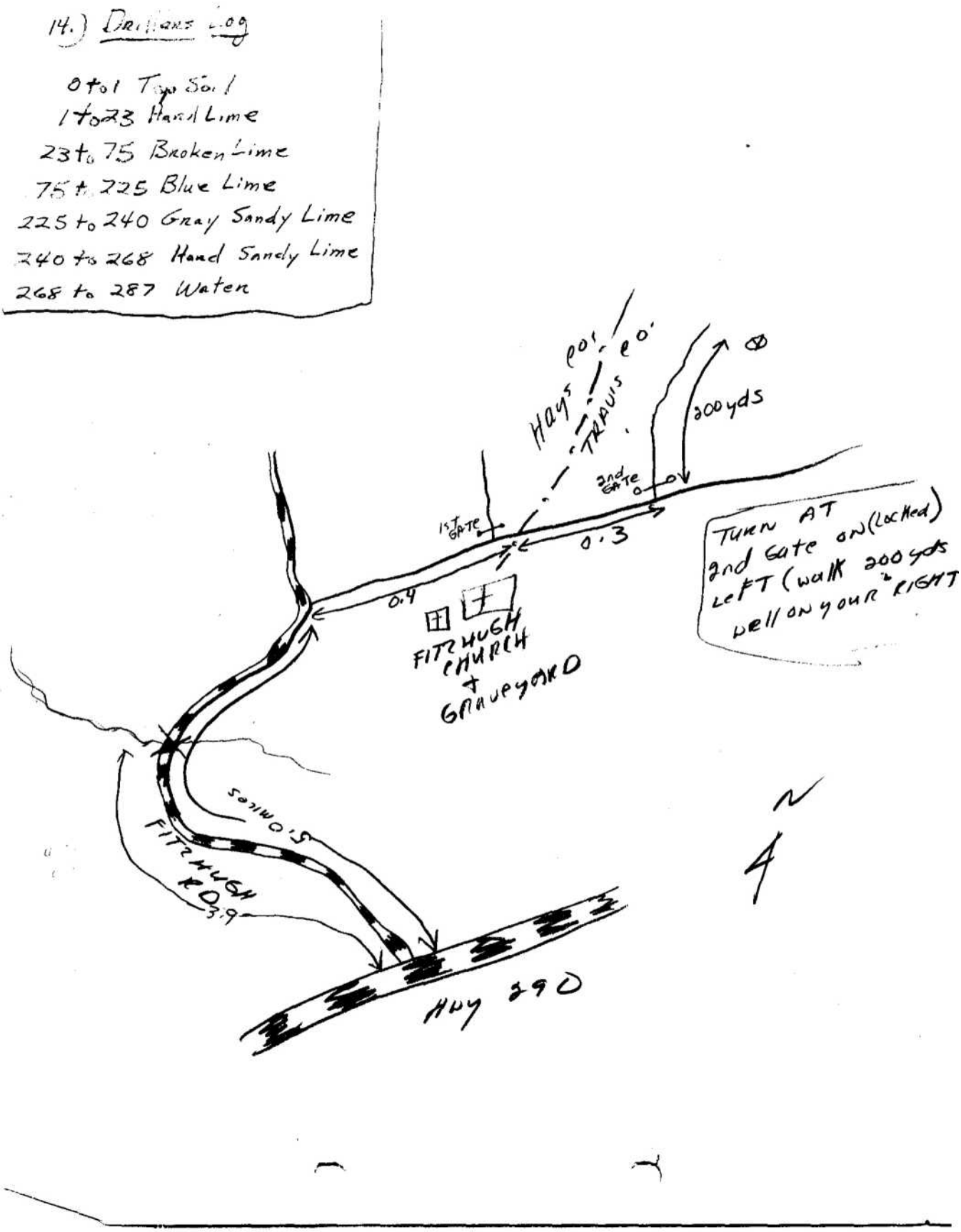
14. Other data available as circled: (Driller's Log) Radioactivity Log, Electric Log, Formation Samples, Pumping Test, Dlog See Back
15. Record by: R. Blunter Date 4/19 1966
Source of Data DLT WDR
16. Remarks: _____



N. O. Crumley (West) (Sketch)

57-48-903


14.) Drillers Log
0 to 1 Top Soil
1 to 23 Hard Lime
23 to 75 Broken Lime
75 to 225 Blue Lime
225 to 240 Gray Sandy Lime
240 to 268 Hard Sandy Lime
268 to 287 Water
Hays / Travis
200 yds
1st Gate
2nd Gate
0.3
0.4
Turn AT 2nd Gate on (Locked) LEFT (walk 200 yds Well on your RIGHT
FITZHUGH CHURCH + GRAVEYARD
5.0 miles
FITZHUGH RD 3.9
HWY 290
N


14.) Drillers Log
0 to 1 Top Soil
1 to 23 Hard Lime
23 to 75 Broken Lime
75 to 225 Blue Lime
225 to 240 Gray Sandy Lime
240 to 268 Hard Sandy Lime
268 to 287 Water
Hays / Travis
200 yds
2nd Gate
1st Gate
0.3
0.4
Turn AT 2nd Gate on (Locked) LEFT (walk 200 yds Bell on your RIGHT
FITZHUGH CHURCH + GRAVEYARD
5.0 miles
FITZHUGH RD 3.9
HWY 290
N

File or... al copy with
Texas Water Commission
P. O. Box 2311, Capitol Station
Austin 11, Texas

State of Texas

DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No.
Located on map
By Date
Map no.

1) Well Owner: N. C. Crumley 908 West Mary Austin Texas.
2) Land Owner:
3) Intended use: Industrial ☐ Municipal ☐ Irrigation ☐ Other Household
4) Location of well: County TRAVIS Labor League Abstract No.
NW NE SW SE of Section Block No. Survey

2 miles in NW direction
from Fitzhugh Baptist Church

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 8 3/4 in. Date drilled 3-18-64
All measurements made from ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
0	1	Top Soil			
1	23	Hard Lime			
23	75	Broken Lime			
75	245	Blue Lime			
245	268	Grey Sandy Lime			
268	287	Hard "			
268	287	Water			

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION
Straight wall ☐
Under reamed ☐
Gravel packed ☐
Open hole ☑
Other

CASING
Type: Old ☑ New ☐
Cemented from ft.
to ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
7"	0	21 6"

SCREEN
Type
Perforated ☐ Slotted ☐

Diameter (inches)	Setting from (ft)	Setting to (ft)

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

R. T. Stallings Stallings Drilling Co Reg. No. 726

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA

Static water level 212
ft. below surface

Pumping level (feet)	hours	gpm
pulled	15	5gpm w/ air
Could not test		

Pump type
Designed pumping rate gpm ☐ gph ☐
Type power unit
Horsepower
Depth to bowls, cylinder, jet, etc., ft. below pump base

YD 57-48-903

Name of contractor testing well or installing permanent pump if other than your company:

C-34 (62-4)

File original copy with
Texas Water Commission
P. O. Box 2311, Capitol Station
Austin 11, Texas

State of Texas

DRILLERS LOG AND WELL DATA REPORT

For use by TWC only
Well No.
Located on map
By Date
Map no.

1) Well Owner: N. C. Crumley 908 West Mary Austin Texas.
2) Land Owner:
3) Intended use: Industrial ☐ Municipal ☐ Irrigation ☐ Other Household
4) Location of well: County TRAVIS Labor League Abstract No.
NW NE SW SE of Section Block No. Survey

2 miles in NW direction
from Fitzhugh Baptist Church

Sketch map of well location with distances from two section or survey lines, and to landmarks, roads, and creeks.

DRILLERS LOG OF WELL

Method of drilling: Rotary Diameter of hole 8 3/4 in. Date drilled 3-18-64

All measurements made from ft. above ground level.

From (ft)	To (ft)	Description and color of formation material	From (ft)	To (ft)	Description and color of formation material
0	1	Top Soil			
1	23	Hard Lime			
23	75	Broken Lime			
75	205	Blue Lime			
205	240	Grey Sandy Lime			
240	268	Hard "			
268	287	Water			

(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION
Straight wall ☐
Under reamed ☐
Gravel packed ☐
Open hole ☑
Other

CASING
Type: Old ☑ New ☐
Cemented from ft.
to ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
7"	0	21'6"

SCREEN
Type
Perforated ☐ Slotted ☐

Diameter (inches)	Setting from (ft)	Setting to (ft)

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

R. T. Stallings Stallings Drilling Co Reg. No. 726

Please attach electric log, chemical analysis, and other pertinent information if available.

If well was tested by your company or if you installed the permanent pump please complete the following:

WATER LEVEL AND PUMP DATA

Static water level 212
ft. below surface

Pumping level (feet)	hours	gpm
Bailed	15	5gpm w/ 21
Could not keep		

Pump type
Designed pumping rate gpm ☐ gph ☐
Type power unit
Horsepower
Depth to bowls, cylinder, jet, etc., ft. below pump base

YD 57-48-903

Name of contractor testing well or installing permanent pump if other than your company:

C-34 (62-4)

GW 2

CHEMICAL WATER ANALYSIS REPORT

Typewrite (Black ribbon) or Print Plainly
(soft pencil or black ink)
Do not use ball point pen

Texas State Department of Health Laboratories
1100 West 49th Street
Austin 5, Texas

Send report to:

Ground Water Division
Texas Water Development Board
P. O. Box 12386
Austin, Texas 78711

County TRAVIS
State Well No YD-57-48-903
Well No.
Date Collected 2-4-69
By H. NICHOLS

Location 4.0 MILES N. OF HWY 290 ON FITZHUGH RD.
Source (type of well) Subm. ELEC. Owner N. O. CRUMLEY
Date Drilled 3-18-64 Depth 287 ft. WHF
Producing intervals OPEN HOLE 22-287 Water level 191.0 Below LSD ft.
Sampled after pumping 15 MIN. hrs. Yield ? GPM meas. est. Temperature 60 °F °C
Point of collection Faucet AT Well Appearance CLEAR
clear - turbid - colored
Use DOM./STOCK Remarks Send Copy To: N.O. CRUMLEY 908. West MARY AUSTIN, TEXAS

FOR LABORATORY USE ONLY

CHEMICAL ANALYSIS

KEY PUNCHED

Laboratory No. 116272W Date Received FEB 7 1969 Date Reported FEB 18 1969

	MG/L	ME/L		MG/L	ME/L
Silica	13		Carbonate		0
Calcium	290	14.52	Bicarbonate	455	7.46
Magnesium	168	13.81	Sulfate	1000	20.81
Sodium	24	1.06	Chloride	33	0.93
	Total	29.39	Fluoride	4.0	0.21
☐ Potassium			Nitrate	0.5	
☐ Manganese		%Na	pH 7.2	Total	29.41
☐ Boron		SAR	1/ Dissolved Solids (sum)	1760	
☐ Total Iron		RSC	Phenolphthalein Alkalinity as C aCO_3	0	
☐ (other)			Total Alkalinity as C aCO_3	(7.46) 373	
Specific Conductance (micromhos/cm3)	2100		Total Hardness as C aCO_3	(28.33) 1420	
Diluted Conductance (micromhos/cm3)	26 x 126 = 3276				

"☐" items will be analyzed if checked.

Total Iron requires separate sample.

FEB 18 1969
Analyst
Checked by

1/ The bicarbonate reported in this analysis is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.

GW 2

CHEMICAL WATER ANALYSIS REPORT

Typewrite (Black ribbon) or Print Plainly
(soft pencil or black ink)
Do not use ball point pen

Texas State Department of Health Laboratories
1100 West 49th Street
Austin 5, Texas

Send report to:

Ground Water Division
Texas Water Development Board
P. O. Box 12386
Austin, Texas 78711

County TRAVIS
State Well No YD-57-48-903
Well No.
Date Collected 2-4-69
By H. NICHOLS

Location 4.0 MILES N. OF HWY 290 ON FITZHUGH RD.
Source (type of well) Subm. ELEC. Owner N. O. CRUMLEY
Date Drilled 3-18-64 Depth 287 ft. WHF
Producing intervals OPEN HOLE 22-287 Water level 191.0 Below LSD ft.
Sampled after pumping 15 MIN. hrs. Yield ? GPM meas. est. Temperature 60 °F °C
Point of collection Faucet AT Well Appearance CLEAR
clear - turbid - colored
Use DOM./STOCK Remarks Send Copy To: N.O. CRUMLEY 908. West MARY AUSTIN, TEXAS

FOR LABORATORY USE ONLY

CHEMICAL ANALYSIS

KEY PUNCHED

Laboratory No. 116272W Date Received FEB 7 1969 Date Reported FEB 18 1969

	MG/L	ME/L		MG/L	ME/L
Silica	13		Carbonate		0
Calcium	290	14.52	Bicarbonate	455	7.46
Magnesium	168	13.81	Sulfate	1000	20.81
Sodium	24	1.06	Chloride	33	0.93
Total		29.39	Fluoride	4.0	0.21
☐ Potassium			Nitrate	0.5	
☐ Manganese		%Na	pH 7.2	Total	29.41
☐ Boron		SAR	1/ Dissolved Solids (sum)	1760	
☐ Total Iron		RSC	Phenolphthalein Alkalinity as C aCO_3	0	
☐ (other)			Total Alkalinity as C aCO_3	(7.46) 373	
Specific Conductance (micromhos/cm3)	2100		Total Hardness as C aCO_3	(28.33) 1420	
Diluted Conductance (micromhos/cm3)	26 x 126 = 3276				

"☐" items will be analyzed if checked.

FEB 18 1969

Analyst

Total Iron requires separate sample.

Checked by

1/ The bicarbonate reported in this analysis is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
27	1 of 1	WNW	0.60 / 3,158.45	Reliance Custom Home 364 Frontera Ranch Cove Dripping Springs TX 78620	SDRW WELLS

Track NO: 198917
Date Submitted: 2009-11-12
Owner Name: Reliance Custom Home
Owner Address: 1410 Shelton Ranch Road
Owner Address2:
Owner City: Dripping Springs
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.252223
Longitude: -98.034167
Drilling Date Started: 2009-10-19
Drilling Date Completed: 2009-10-20
Chemical Analysis: No
Company Name: Associated Drilling Co.
Company Address: P.O. Box 1060
CompanyAddress2:
Company City: Manchaca
Company State: TX
Company Zip: 78652
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=198917&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 840.0

Top Depth: 0
Bottom Depth: 60

Top Depth: 60
Bottom Depth: 840

Well Levels

Measurement: 540
Measurement Date: 2009-10-28

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
28	1 of 1	NW	0.60 / 3,165.36	WEBB EVANS 11355 BONHAM RANCH RD. DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 483309
Date Submitted: 2018-06-29
Owner Name: WEBB EVANS
Owner Address: 345 WHISPERING WIND WAY
Owner Address2:
Owner City: AUSTIN
Owner State: TX
Owner Zip: 78737
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.254967
Longitude: -98.033467
Drilling Date Started: 2018-05-09
Drilling Date Completed: 2018-05-09
Chemical Analysis: No
Company Name: Centex Pump & Supply, Inc.
Company Address: 2520 Hwy. 290 West
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=483309&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 870.0

Top Depth: 0
Bottom Depth: 100

Top Depth: 100
Bottom Depth: 870

Well Levels

Measurement: 587
Measurement Date: 2018-05-16

Well Strata

Water Type:

LOWER TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
29	1 of 1	W	0.60 / 3,178.22	Dale Moore 12099 Bonham Ranch Rd Dripping Springs TX 78620	SDRW WELLS

Track NO: 179624
Date Submitted: 2009-05-27
Owner Name: Dale Moore
Owner Address: 1414 Peppertree
Owner Address2:
Owner City: Houston
Owner State: TX
Owner Zip: 77015
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.248056
Longitude: -98.035834
Drilling Date Started: 2004-06-18
Drilling Date Completed: 2004-06-18
Chemical Analysis: No
Company Name: Central Texas Drilling, Inc.
Company Address: 2520 Hwy 290 W
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=179624&Type=SDR-Well

Well Borehole Information

Top Depth: 40
Bottom Depth: 730

Top Depth: 0
Bottom Depth: 40

Top Depth:
Bottom Depth: 730.0

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
30	1 of 1	NNW	0.62 / 3,257.77	LUELLA GALBRAITH TX	TCEQ WELL LOGS

Grid No: 57-48-9
Date Drilled: 08/19/1988
Owners Name: LUELLA GALBRAITH
County: HAYS
Water Usage: DOMESTIC
Static Level: 240
Depth Drilled: 400
Latitude: 30.25682
Longitude: -98.027288

Please use Black ink.
Send original copy by certified mail to the
Texas Water Commission
P.O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Luella Galbraith (Name) Address 1613 Taylor Gaines, Austin, TX 78741 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Travis 1 miles in N (N.E., S.W., etc.) direction from Fitzhugh Church (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☒ See attached map.

3) TYPE OF WORK (Check):
☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check):
☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check):
☐ Driven ☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 8-19-1988 Completed 8-19-1988

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6	Surface	
6	290	400

7) BOREHOLE COMPLETION:
☐ Open Hole ☒ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
		290 Old Well
		290 - 320 Gray Rock
		320 - 340 Lt. Gray Rock
		340 - 360 Gray Lime
		360 - 375 Lt. Gray Rock
		375 - 380 Broken Gray Rock
		(30-40 Water Bearing)
		380 - 400 Gray Rock
		30-40 GPM

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
_____ ft. to _____ ft. No. of Sacks Used _____
Method used _____
Cemented by _____

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

RECEIVED
NOV 16 1988
TEXAS WATER COMMISSION

11) WATER LEVEL:
Static level 240 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

(Use reverse side if necessary)

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 30-40 gpm with _____ ft. drawdown after _____ hrs.

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Raymond Whisenant & Son, Inc. (Type or Print) Water Well Driller's License No. 454

ADDRESS P.O. Box 525, Dripping springs, TX 78620 (Street or RFD) (City) (State) (Zip)

(Signed) Raymond Whisenant (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 57-48-9
Located on map _____

TWC-0392 (Rev. 06-10-85) TEXAS WATER COMMISSION COPY

Please use Black ink.
Send original copy by certified mail to the
Texas Water Commission
P.O. Box 13087
Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Luella Galbraith (Name) Address 1613 Taylor Gaines, Austin, TX 78741 (Street or RFD) (City) (State) (Zip)

2) LOCATION OF WELL: County Travis 1 miles in N (N.E., S.W., etc.) direction from Fitzhugh Church (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____
☒ See attached map.

3) TYPE OF WORK (Check): ☒ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☒ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☐ Driven ☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☒ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 8-19-1988 Completed 8-19-1988

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6	Surface	
6	290	400

7) BOREHOLE COMPLETION: ☐ Open Hole ☒ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
		290 Old Well
		290 - 320 Gray Rock
		320 - 340 Lt. Gray Rock
		340 - 360 Gray Lime
		360 - 375 Lt. Gray Rock
		375 - 380 Broken Gray Rock
		(30-40 Water Bearing)
		380 - 400 Gray Rock
		30-40 GPM

(Use reverse side if necessary)

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
_____ ft. to _____ ft. No. of Sacks Used _____
Method used _____
Cemented by _____

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☐ Approved Alternative Procedure Used [Rule 319.71]

RECEIVED
NOV 16 1988
TEXAS WATER COMMISSION

11) WATER LEVEL:
Static level 240 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth

13) TYPE PUMP:
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☒ Jetted ☐ Estimated
Yield: 30-40 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☒ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Raymond Whisenant & Son, Inc. (Type or Print) Water Well Driller's License No. 454

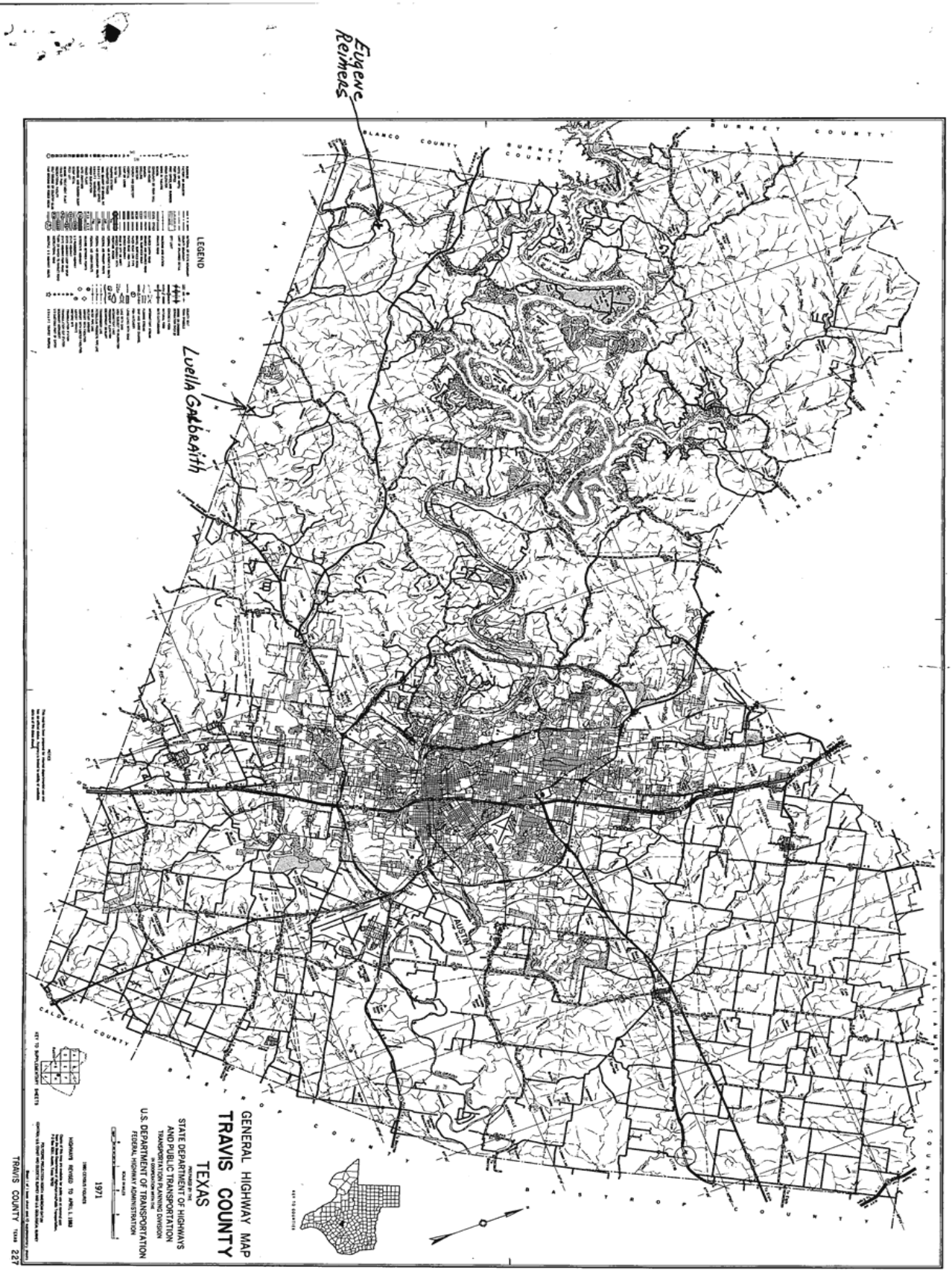
ADDRESS P.O. Box 525, Dripping springs, TX 78620 (Street or RFD) (City) (State) (Zip)

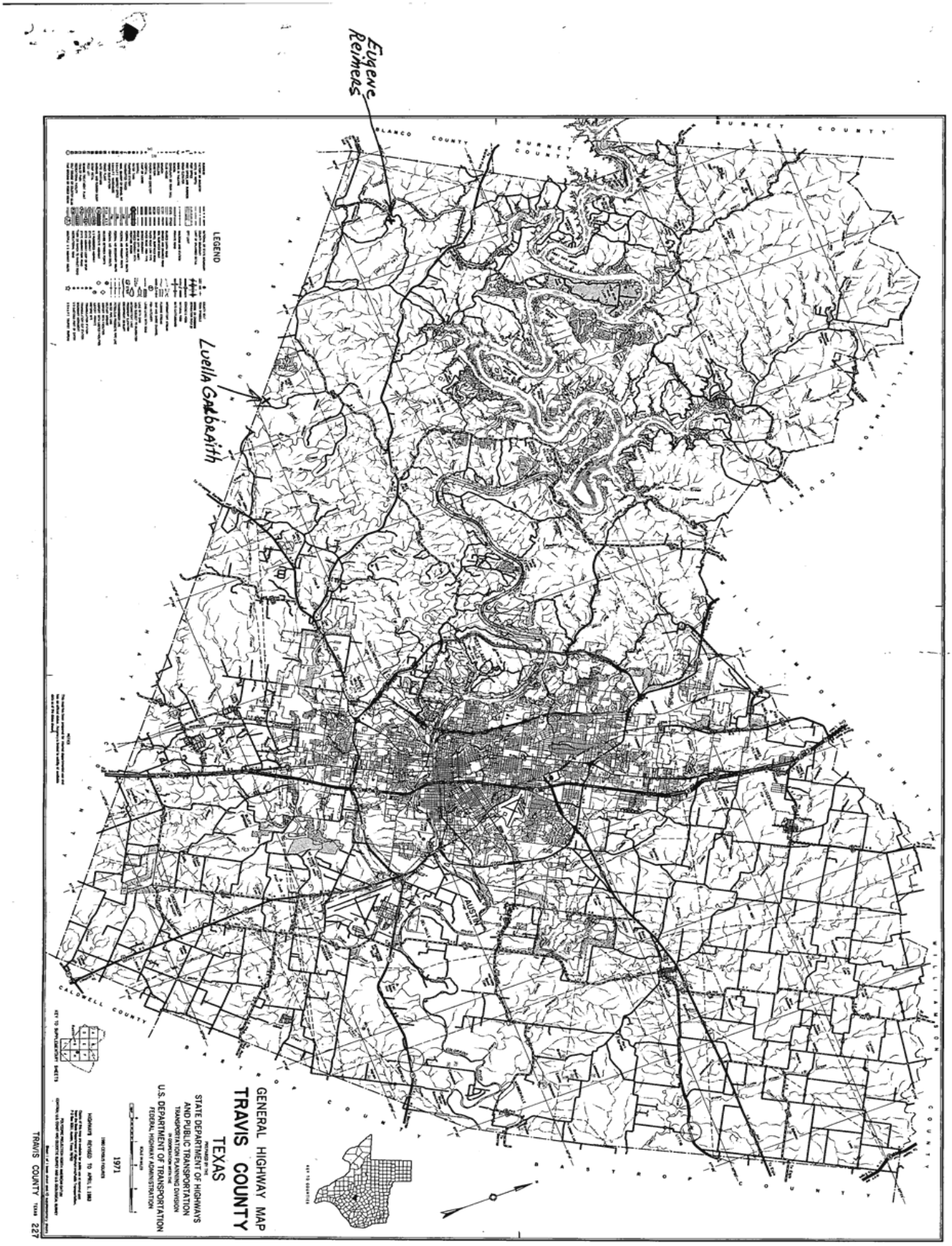
(Signed) Raymond Whisenant (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 57-48-9
Located on map _____

TWC-0392 (Rev. 06-10-85) TEXAS WATER COMMISSION COPY


Eugene Reimers
Luella Galbraith
LEGEND
BLANCO COUNTY
BURNET COUNTY
CALDWELL COUNTY
AUSTIN
GENERAL HIGHWAY MAP
TRAVIS COUNTY
TEXAS
STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION
TRANSPORTATION PLANNING DIVISION
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
1971
TRAVIS COUNTY TEXAS 227


Eugene Reimers
Luella Galbraith
LEGEND
BLANCO COUNTY
BURNET COUNTY
CALDWELL COUNTY
AUSTIN
GENERAL HIGHWAY MAP
TRAVIS COUNTY
TEXAS
STATE DEPARTMENT OF HIGHWAYS AND PUBLIC TRANSPORTATION
TRANSPORTATION PLANNING DIVISION
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION
1971
HIGHWAY REVISED TO APRIL 1, 1983
TRAVIS COUNTY TEXAS 227

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
31	1 of 2	WNW	0.62 / 3,294.39	Walt Graner Frontera OW-1 TX	GWDB

Well Rep Track No:	49940
State Well NO:	5748912
Owner Name:	Walt Graner Frontera OW-1
Drilling Start Dt:	
Drilling Month:	11
Drilling Day:	4
Drilling Year:	2004
Well Depth:	770
Well Usage:	Domestic
Water Level Status:	
Latitude:	30.2519450
Longitude:	-98.0352780
Data Source:	Groundwater Database (GWDB) Reports; GIS shapefile of GWDB well locations
Well Info Report:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetReports.aspx?Num=5748912&Type=GWDB
Document Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetScannedImage.aspx?Num=5748912&Cnty=Hays

NCW ✓

Texas Water Development Board
Well Schedule

State Well Number 57 48 912 Prev. Well No. _____ County Hays County Code 209

Basin 14 GMA 9 RWPA K GCD H-T Aquifer 218 GRLH

Latitude 30 15 07 Longitude 098 02 07 Coord Accuracy 1 Aquifer ID1 __ Aquifer ID2 __ Aquifer ID3 __

Owner Walt Gruner Driller Bee Cave Drilling

Well No. Frontera OW-1

Address _____ Tenant/Oper. _____

Well Depth 770 Source of Depth D Altitude 1127 Source of Alt. Datum D

Date Drilled 11 4 2004 Well Type W User Code _____

Lift Data: Pump Mfr. _____ Type of Lift _____ Pump Depth Setting (ft) _____ ft.
Motor Mfg _____ Type of Power _____ Horsepower _____
Water Use: Primary Dom H Secondary _____ Tertiary _____
Other Data Available: Water Level M Water Quality N Well Logs DEJ Other Data A
Well Construction: Const Method Air Rotary A Casing Material PVC P
Completion Method gravel pack screen G Screen Material PVC P

Water Levels:
Date 11 05 2004 Meas 479 Remarks Logger 09/9 M.P. + _____
Date 11 10 2004 Meas 473.11 Remarks 09/9
Date 11 12 2004 Meas 473.35 Remarks

Water Quality (Remarks): _____

Yield: Flow Rate _____ Pump Rate _____ GPM Meas Rept Est Date of Test _____
Performance Test: Length of test _____ hr Production Rate _____ GPM Meas Rept Est Date of Test _____
Static Level _____ ft. Pumping Level _____ ft. Amount of Drawdown _____ ft. Specific Capacity _____ GPM/ft.

Casing Records:

	Diam (in.)	Interval of C, S, or O: From	To
1	C 5	0	724
2	S 5	724	764
3	C 5	764	770
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			

Date Record Collected or Information Updated 9 7 2010 Reporting Agency 01 Recorded by D. Coker

Other Remarks:
1 Observation well for aquifer test of 911. Test
2 data and results in TWDB files.
3
4
5
6 TD 49940 1

Aquifer _____

57 48 .912
Well Number

NEW ✓

Texas Water Development Board
Well Schedule

State Well Number 5748912 Prev. Well No. _____ County Hays County Code 209

Basin 14 GMA 9 RWPA K GCD H-T Aquifer 218 GRLH

Latitude 30 15 07 Longitude 098 02 07 Coord Accuracy 1 Aquifer ID1 __ Aquifer ID2 __ Aquifer ID3 __

Owner Walt Gruner Driller Bee Cave Drilling

Well No. Frontera OW-1

Address _____ Tenant/Oper. _____

Well Depth 770 Source of Depth D Altitude 1127 Source of Alt. Datum D

Date Drilled 11 4 2004 Well Type W User Code _____

Lift Data: Pump Mfr. _____ Type of Lift _____ Pump Depth Setting (ft) _____ ft.
Motor Mfg _____ Type of Power _____ Horsepower _____

Water Use: Primary Dom H Secondary _____ Tertiary _____

Other Data Available: Water Level M Water Quality N Well Logs DEJ Other Data A

Well Construction: Const Method Air Rotary A Casing Material PVC P
Completion Method gravel pack screen G Screen Material PVC P

Water Levels:
Date 11 05 2004 Meas 479 Remarks Logger 09/9 M.P. + _____
Date 11 10 2004 Meas 473.11 Remarks 09/9
Date 11 12 2004 Meas 473.35 Remarks

Water Quality (Remarks): _____

Yield: Flow Rate _____ Pump Rate _____ GPM Meas Rept Est Date of Test _____

Performance Test: Length of test _____ hr Production Rate _____ GPM Meas Rept Est Date of Test _____
Static Level _____ ft. Pumping Level _____ ft. Amount of Drawdown _____ ft. Specific Capacity _____ GPM/ft.

Casing Records:

	Casing or Blank Pipe (C) Dia (in.)	From	To
1	C 5	0	724
2	S 5	724	764
3	C 5	764	770
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			

Well Screen or Slotted Zone (S)
Open Hole (O)
Connected from _____ to _____ Interval of C, S, or O: From To

Date Record Collected or Information Updated 9 7 2010 Reporting Agency 01 Recorded by D. Coker 2nd.

Other Remarks:
1 Observation well for aquifer test of 911. Test
2 data and results in TWDB files.
3
4
5
6 TD 49940 1

Aquifer _____

5748 -912
Well Number

STATE OF TEXAS WELL REPORT for Tracking #49940

Owner:	**WALT GRANER**	Owner Well #:	**001**
Address:	**3006 BEE CAVES RD. B 160 AUSTIN , TX 78746**	Grid #:	**57-48-9**
Well Location:	**11951 BONHAM RANCH RD. DRIPPING SPRINGS , TX 78620**	Latitude:	**30° 15' 07" N**
Well County:	**Hays**	Longitude:	**098° 02' 07" W**
Elevation:	**1138 ft.**	GPS Brand Used:	**GARMIN**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Date: Started: **11/4/2004**
Completed: **11/4/2004**

Diameter of Hole: Diameter: **10 in From Surface To 30 ft**
Diameter: **7 in From 30 ft To 770 ft**

Drilling Method: **Air Rotary**

Borehole Completion: Gravel Packed From: **635 ft to 770 ft**
Gravel Pack Size:

Annular Seal Data: 1st Interval: **From 0 ft to 30 ft with 18 CEMENT (#sacks and material)**
2nd Interval: **From 620 ft to 635 ft with 2 HOLE PLUG (#sacks and material)**
3rd Interval: **No Data**
Method Used: **No Data**
Cemented By: **GREG SVETLIK**
Distance to Septic Field or other Concentrated Contamination: **No Data**
Distance to Property Line: **No Data**
Method of Verification: **NOT YET INSTALLED**
Approved by Variance: **No Data**

Surface Completion: **Surface Sleeve Installed**

Water Level: Static level: **No Data**
Artesian flow: **No Data**

Packers: **PLASTIC 30'**

Plugging Info: Casing or Cement/Bentonite left in well: **No Data**

Type Of Pump: **Other: DID NOT SET**
Depth to pump bowl: **(No Data) ft**

Well Tests: **Jetted \ Estimated**
Yield: **40 GPM with (No Data) ft drawdown after (No Data) hours**

Water Quality: Type of Water: **No Data**
Depth of Strata: **No Data**
Chemical Analysis Made: **No**
Did the driller knowingly penetrate any strata which contained undesirable constituents: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the log(s) being returned for completion and resubmittal.

5748 912

STATE OF TEXAS WELL REPORT for Tracking #49940

Owner:	**WALT GRANER**	Owner Well #:	**001**
Address:	**3006 BEE CAVES RD. B 160 AUSTIN , TX 78746**	Grid #:	**57-48-9**
Well Location:	**11951 BONHAM RANCH RD. DRIPPING SPRINGS , TX 78620**	Latitude:	**30° 15' 07" N**
Well County:	**Hays**	Longitude:	**098° 02' 07" W**
Elevation:	**1138 ft.**	GPS Brand Used:	**GARMIN**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Date: Started: **11/4/2004**
Completed: **11/4/2004**

Diameter of Hole: Diameter: **10 in From Surface To 30 ft**
Diameter: **7 in From 30 ft To 770 ft**

Drilling Method: **Air Rotary**

Borehole Completion: Gravel Packed From: **635 ft to 770 ft**
Gravel Pack Size:

Annular Seal Data: 1st Interval: **From 0 ft to 30 ft with 18 CEMENT (#sacks and material)**
2nd Interval: **From 620 ft to 635 ft with 2 HOLE PLUG (#sacks and material)**
3rd Interval: **No Data**
Method Used: **No Data**
Cemented By: **GREG SVETLIK**
Distance to Septic Field or other Concentrated Contamination: **No Data**
Distance to Property Line: **No Data**
Method of Verification: **NOT YET INSTALLED**
Approved by Variance: **No Data**

Surface Completion: **Surface Sleeve Installed**

Water Level: Static level: **No Data**
Artesian flow: **No Data**

Packers: **PLASTIC 30'**

Plugging Info: Casing or Cement/Bentonite left in well: **No Data**

Type Of Pump: **Other: DID NOT SET**
Depth to pump bowl: **(No Data) ft**

Well Tests: **Jetted \ Estimated**
Yield: **40 GPM with (No Data) ft drawdown after (No Data) hours**

Water Quality: Type of Water: **No Data**
Depth of Strata: **No Data**
Chemical Analysis Made: **No**
Did the driller knowingly penetrate any strata which contained undesirable constituents: **No**

Certification Data: The driller certified that the driller drilled this well (or the well was drilled under the driller's direct supervision) and that each and all of the statements herein are true and correct. The driller understood that failure to complete the required items will result in the log(s) being returned for completion and resubmittal.

5748 912

Company Information:	**BEE CAVE DRILLING, INC. 185 ANGELFIRE DR. DRIPPING SPRINGS , TX 78620**
Driller License Number:	**54416**
Licensed Well Driller Signature:	**JIM BLAIR**
Registered Driller Apprentice Signature:	**GREG SVETLIK**
Apprentice Registration Number:	**WWDAPP00001734**
Comments:	**No Data**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking number (Tracking **#49940**) on your written request.

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
(512) 463-7880

DESC. & COLOR OF FORMATION MATERIAL

From (ft)	To (ft)	Description
0	1	TOPSOIL
1	12	SHELF ROCK
12	280	BLUE LIMESTONE
280	285	GREY SHALE
285	290	WHITE LIMESTONE
290	295	GREY SHALE
295	330	GREY LIMESTONE
330	350	GREY SHALE W/ LIMESTONE
350	375	GREY SHALE
375	402	SANDY LIMESTONE
402	440	LIGHT GREY LIMESTONE W/ TAN ROCK
440	525	GREY LIMESTONE W/ SHALE STREAKS
525	565	GREY & BROWN ROCK W/B 10 GPM
565	595	GREY ROCK W/ CLAY STREAKS
595	605	BLUE SHALE
605	613	RED SHALE
613	617	LIGHT GREY LIMESTONE
617	620	RED CLAY
620	635	GREY ROCK / CLAY
635	645	LIGHT GREY ROCK
645	651	MIXED SANDSTONE
651	655	BROKEN LIMESTONE
655	728	MIXED SANDSTONE
728	745	PURPLE ROCK

CASING, BLANK PIPE & WELL SCREEN DATA

Dia.	New/Used	Type	Setting From/To
4.5	NEW	PLASTIC	0 - 724
4.5	NEW	SCREEN MFG.	724 - 764 .10
4.5	NEW	PLASTIC	764 - 770

912

APP000713

Company Information:	**BEE CAVE DRILLING, INC. 185 ANGELFIRE DR. DRIPPING SPRINGS , TX 78620**
Driller License Number:	**54416**
Licensed Well Driller Signature:	**JIM BLAIR**
Registered Driller Apprentice Signature:	**GREG SVETLIK**
Apprentice Registration Number:	**WWDAPP00001734**
Comments:	**No Data**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner.

Please include the report's Tracking number (Tracking **#49940**) on your written request.

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
(512) 463-7880

DESC. & COLOR OF FORMATION MATERIAL

From (ft) To (ft) Description
0 - 1 TOPSOIL
1 - 12 SHELF ROCK
12 - 280 BLUE LIMESTONE
280 - 285 GREY SHALE
285 - 290 WHITE LIMESTONE
290 - 295 GREY SHALE
295 - 330 GREY LIMESTONE
330 - 350 GREY SHALE W/ LIMESTONE
350 - 375 GREY SHALE
375 - 402 SANDY LIMESTONE
402 - 440 LIGHT GREY LIMESTONE W/ TAN ROCK
440 - 525 GREY LIMESTONE W/ SHALE STREAKS
525 - 565 GREY & BROWN ROCK W/B 10 GPM
565 - 595 GREY ROCK W/ CLAY STREAKS
595 - 605 BLUE SHALE
605 - 613 RED SHALE
613 - 617 LIGHT GREY LIMESTONE
617 - 620 RED CLAY
620 - 635 GREY ROCK / CLAY
635 - 645 LIGHT GREY ROCK
645 - 651 MIXED SANDSTONE
651 - 655 BROKEN LIMESTONE
655 - 728 MIXED SANDSTONE
728 - 745 PURPLE ROCK

CASING, BLANK PIPE & WELL SCREEN DATA

Dia. New/Used Type Setting From/To
4.5 NEW PLASTIC 0 - 724
4.5 NEW SCREEN MFG. 724 - 764 .10
4.5 NEW PLASTIC 764 - 770

9/2

745 - 750 RED CLAY
750 - 758 BROWN SANDSTONE W/B 20 GPM
758 - 770 BLUE CLAY W/ ROCK

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745 - 750 RED CLAY
750 - 758 BROWN SANDSTONE W/B 20 GPM
758 - 770 BLUE CLAY W/ ROCK

912

TDLR # 49940 ✓ 54-48-912

GEO CAM

Water Well Logging & Video Recording Services

Geo Cam, Inc. 2038 Adobe Trail San Antonio, TX 210-495-9121

Borehole: T.H. 1-GRANER

Logs: GAMMA, RESISTIVITY

Project: GRANER- LA FRONTERA Date: 11-05-04

Client: THE WELLSPEC CO. County: HAYS

Location: N 30° 15' 07.1", W 98° 02' 06.8" State: TX

Drilling Contractor: BEE CAVE Driller T.D. (ft) : 770'

Elevation: 1,126' Logger T.D. (ft) : 765'

Depth Ref. G.L. Date Drilled: 11-04-04

BIT RECORD

RUN	BIT SIZE (in)	FROM (ft)	TO (ft)
1	8 3/4"	0'	770'
2			
3			

CASING RECORD

SIZE/WGT/THK	FROM (ft)	TO (ft)
4.5"	+3.6'	T.D.

Drill Method: AIR ROTARY Weight: Fluid Level (ft) : 479'

Hole Medium: Mud Type: Time Since Circ:

Viscosity: Rm: at: Deg C

Logged by: Michael G. Miller Unit/Truck: 04

Witness: J. VICKERS

LOG TYPE	RUN NO	SPEED (ft/min)	FROM (ft)	TO (ft)	FT./ IN.
GAMMA	2	20'	761'	3'	20
RESISTIVITY	2	20'	764'	719'	20

Comments: SLOTS START AT 719' AS SHOWN ON THE RESISTIVITY LOG.

98°02'07" (98.035266) } per WITD em link
30°15'07" (30.251936) }

54-48-912

912

TDLR # 49940 ✓ 54-48-912

GEO CAM

Water Well Logging & Video Recording Services

Geo Cam, Inc. 2038 Adobe Trail San Antonio, TX 210-495-9121

Borehole: T.H. 1-GRANER

Logs: GAMMA, RESISTIVITY

Project: GRANER- LA FRONTERA Date: 11-05-04

Client: THE WELLSPEC CO. County: HAYS

Location: N 30° 15' 07.1", W 98° 02' 06.8" State: TX

REFERENCE DATA

Drilling Contractor: BEE CAVE Driller T.D. (ft) : 770'

Elevation: 1,126' Logger T.D. (ft) : 765'

Depth Ref. G.L. ~ 1126 Date Drilled: 11-04-04

BIT RECORD

RUN	BIT SIZE (in)	FROM (ft)	TO (ft)
1	8 3/4"	0'	770'
2			
3			

CASING RECORD

SIZE/WGT/THK	FROM (ft)	TO (ft)
4.5"	+3.6'	T.D.

Drill Method: AIR ROTARY Weight: Fluid Level (ft) : 479'

Hole Medium: Mud Type: Time Since Circ:

Viscosity: Rm: at: Deg C

GENERAL DATA

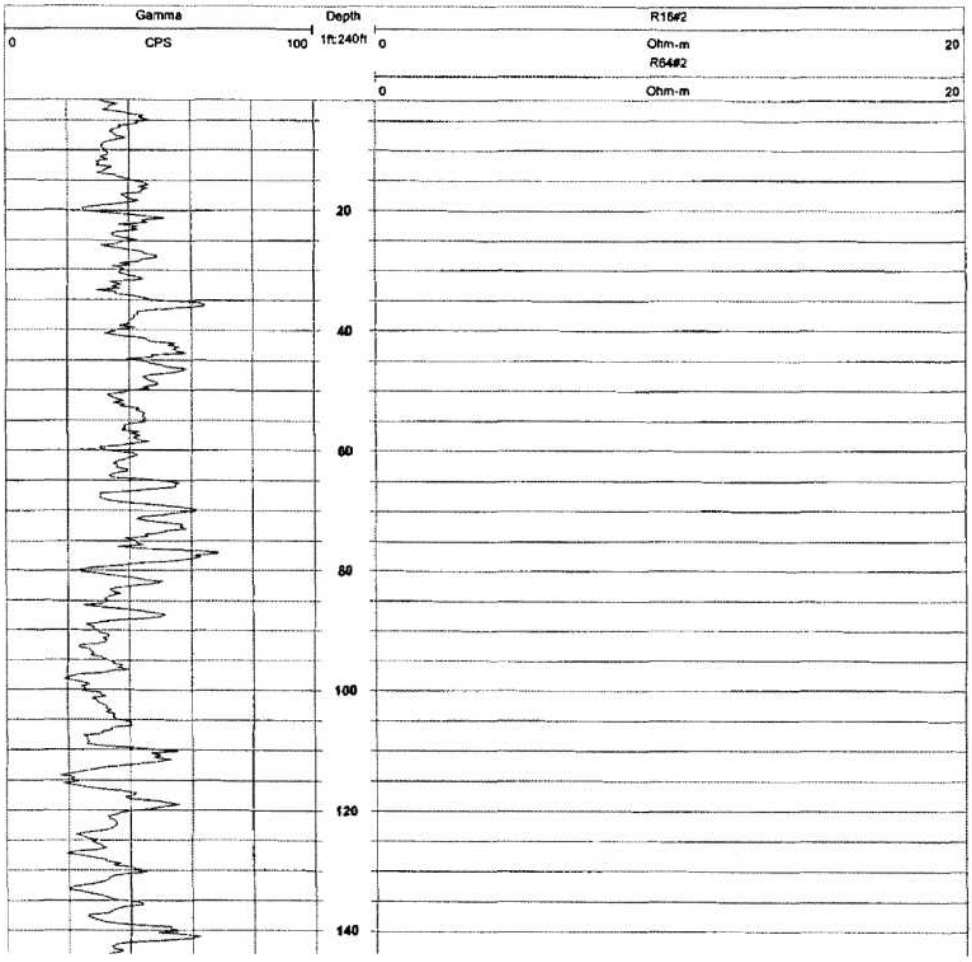
Logged by: Michael G. Miller Unit/Truck: 04

Witness: J. VICKERS

LOG TYPE	RUN NO	SPEED (ft/min)	FROM (ft)	TO (ft)	FT./ IN.
GAMMA	2	20'	761'	3'	20
RESISTIVITY	2	20'	764'	719'	20

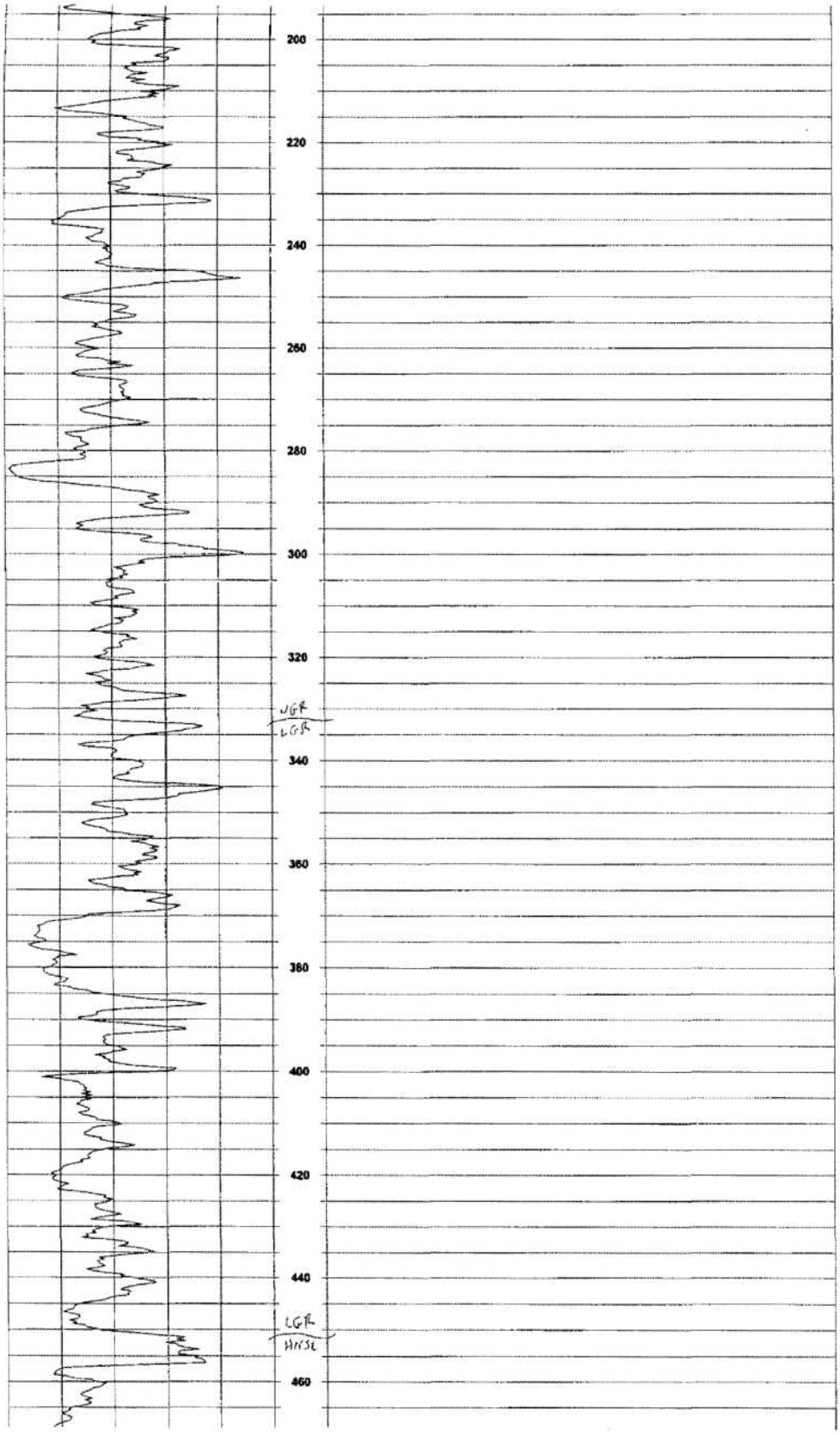
Comments: SLOTS START AT 719' AS SHOWN ON THE RESISTIVITY LOG.

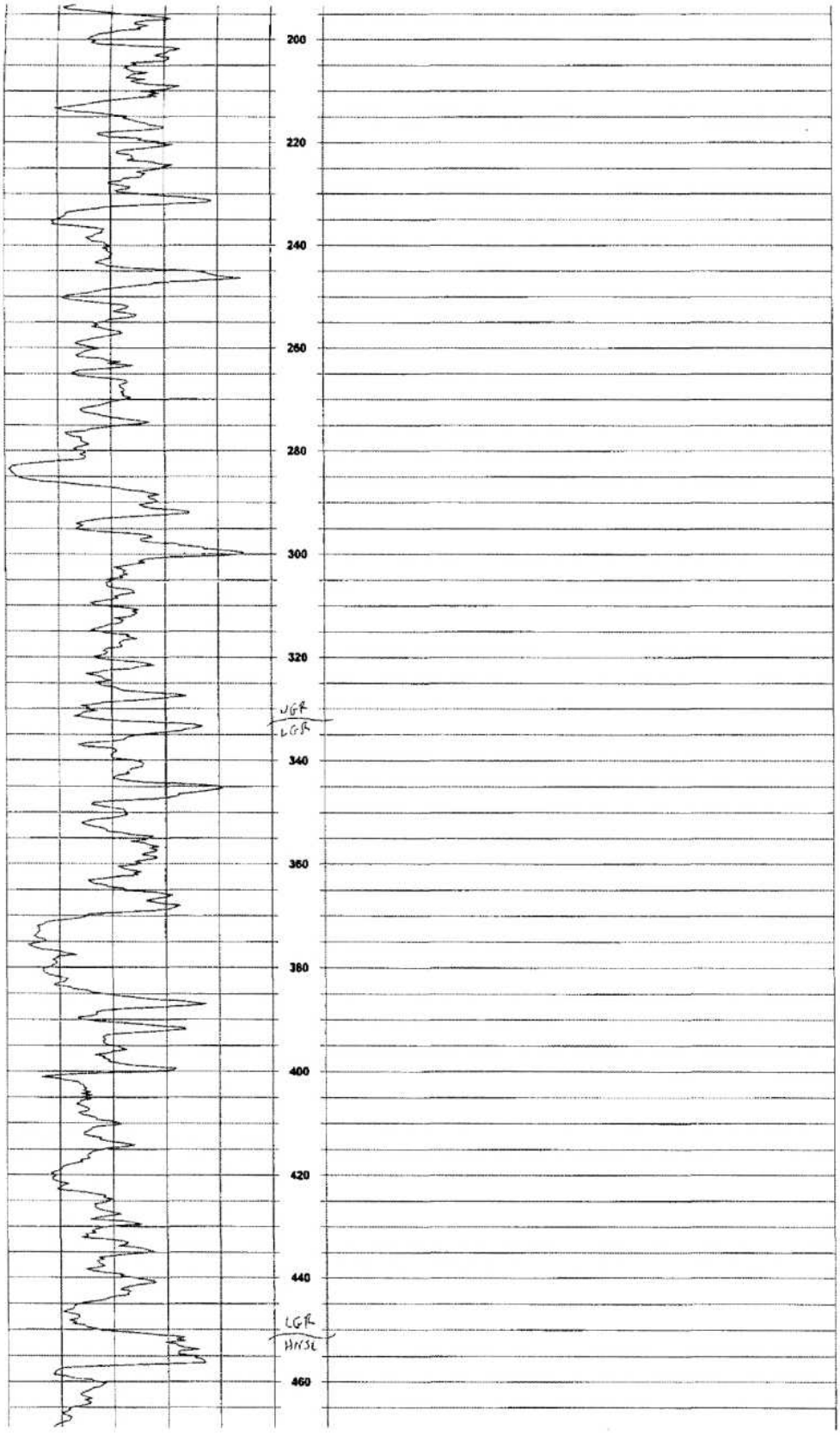
98°02'07" (98.035266) } per WITD em link
30°15'07" (30.251936) }

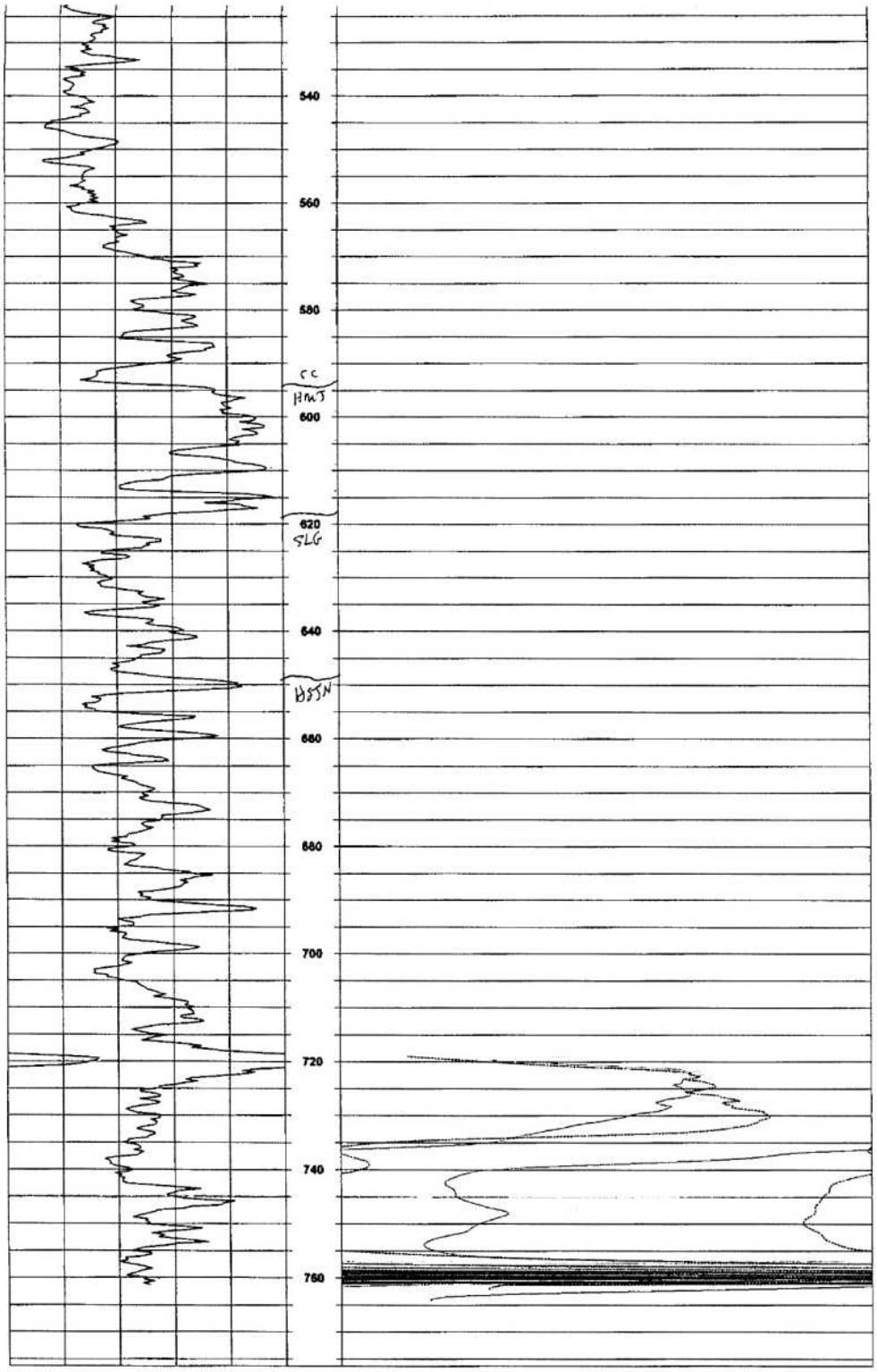


57-48-912

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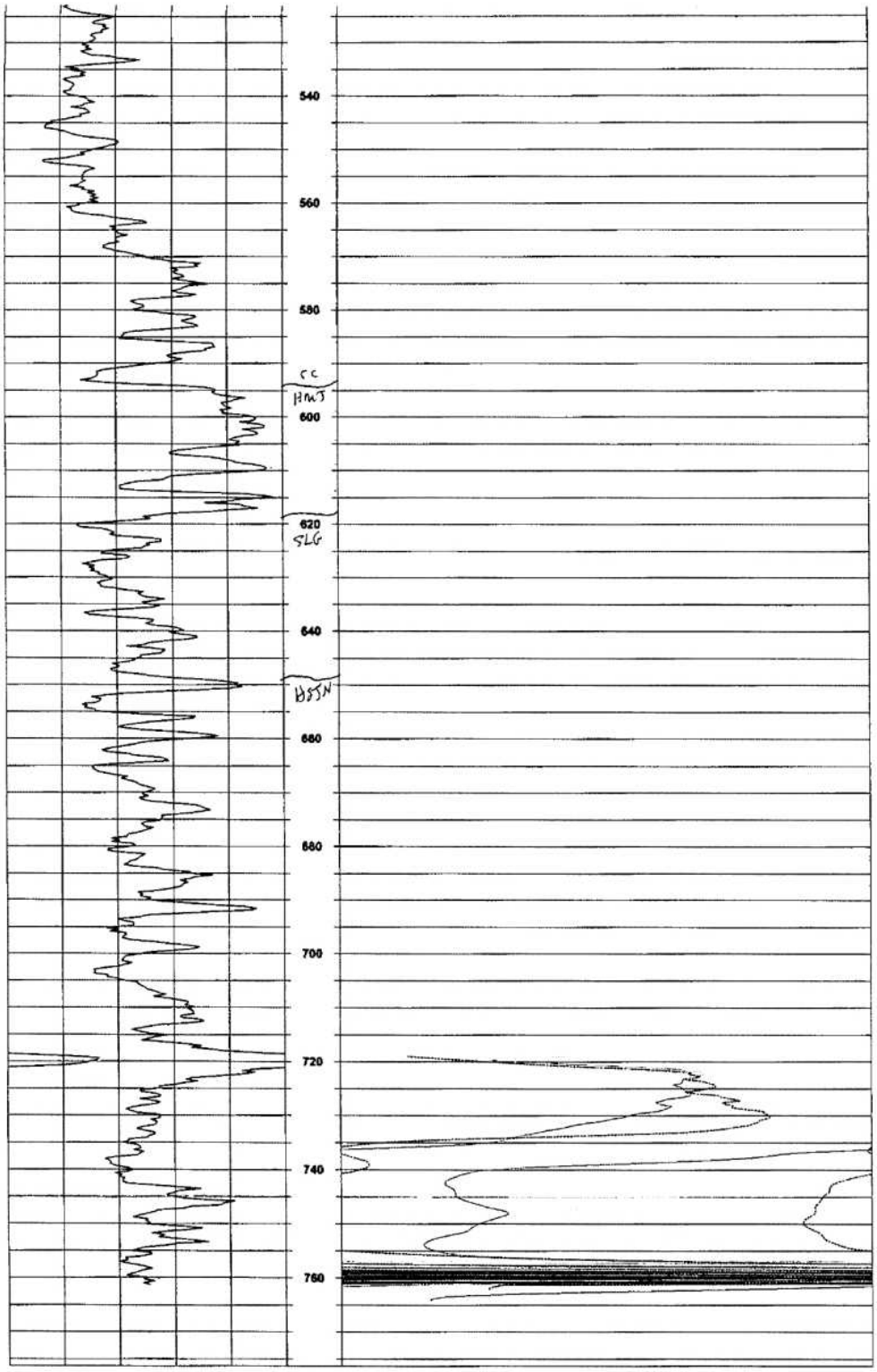

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260
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UGR
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HNSL
460
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200
220
240
260
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300
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UGR
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LGR
HNSL
460
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APP000721



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APP000722

TABLE 1
SUMMARY OF TEST WELL CONSTRUCTION
Frontera Subdivision, Hays County, Texas

Test Well	Date Drilled	North Latitude	West Longitude	Elevation Ground Level (feet MSL)	Total Depth (feet BGL)	4.5-inch PVC Casing (feet BGL)	4.5-inch PVC 0.010-in. screen (feet BGL)	Water Level Date Measured	Water Level (feet btoc)	Water Level Elevation (feet MSL)
57-48-911										
PW-1	11/4/2004	30 15' 13.1"	98 02' 04.4"	1,163	770	0 to 695 755 to 770	695 to 755	11/10/2004	509.98 ✓	653.0
OW-1	11/4/2004	30 15' 07.1"	98 02' 06.8"	1,133	770	0 to 724 764 to 770	724 to 764	11/10/2004	473.11	659.9
57-48-912										

Notes: feet MSL – feet above mean sea level
feet BGL = feet below ground level
feet btoc = feet below top of casing
Latitude and Longitude in degrees, minutes and seconds
Elevations are estimates.,

912

APP000723

TABLE 1
SUMMARY OF TEST WELL CONSTRUCTION
Frontera Subdivision, Hays County, Texas

Test Well	Date Drilled	North Latitude	West Longitude	Elevation Ground Level (feet MSL)	Total Depth (feet BGL)	4.5-inch PVC Casing (feet BGL)	4.5-inch PVC 0.010-in. screen (feet BGL)	Water Level Date Measured	Water Level (feet btoc)	Water Level Elevation (feet MSL)
57-48-911										
PW-1	11/4/2004	30 15' 13.1"	98 02' 04.4"	1,163	770	0 to 695 755 to 770	695 to 755	11/10/2004	509.98 ✓	653.0
OW-1	11/4/2004	30 15' 07.1"	98 02' 06.8"	1,133	770	0 to 724 764 to 770	724 to 764	11/10/2004	473.11	659.9
57-48-912										

Notes: feet MSL – feet above mean sea level
feet BGL = feet below ground level
feet btoc = feet below top of casing
Latitude and Longitude in degrees, minutes and seconds
Elevations are estimates.,

912

APP000724

Pumping Test Data for Well OW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/10/2004	11:21	0	0	-473.11			Pumping rate at PW-1 = 11 gpm
11/10/2004	11:22	1	0.02	-473.13			
11/10/2004	11:23	2	0.01	-473.12			
11/10/2004	11:24	3	0.01	-473.12			
11/10/2004	11:25	4	0	-473.11			
11/10/2004	11:26	5	0	-473.11			
11/10/2004	11:27	6	0	-473.1			
11/10/2004	11:28	7	0	-473.11			
11/10/2004	11:29	8	0	-473.1			
11/10/2004	11:30	9	0.01	-473.12			
11/10/2004	11:31	10	0	-473.11			
11/10/2004	11:32	11	0	-473.1			
11/10/2004	11:33	12	0	-473.11			
11/10/2004	11:34	13	0	-473.11			
11/10/2004	11:35	14	0	-473.11			
11/10/2004	11:36	15	0	-473.11			
11/10/2004	11:37	16	0	-473.11			
11/10/2004	11:38	17	0	-473.11			
11/10/2004	11:39	18	0	-473.11			
11/10/2004	11:40	19	0.01	-473.12			
11/10/2004	11:41	20	0.01	-473.12			
11/10/2004	11:42	21	0	-473.11			
11/10/2004	11:43	22	0.01	-473.12			
11/10/2004	11:44	23	0	-473.11			
11/10/2004	11:45	24	0	-473.11			
11/10/2004	11:46	25	0	-473.11			
11/10/2004	11:47	26	0	-473.11			
11/10/2004	11:48	27	0	-473.11			
11/10/2004	11:49	28	0.01	-473.12			
11/10/2004	11:50	29	0.02	-473.13			
11/10/2004	11:51	30	0.02	-473.13			
11/10/2004	11:52	31	0.01	-473.12			
11/10/2004	11:53	32	0.01	-473.12			
11/10/2004	11:54	33	0.02	-473.13			
11/10/2004	11:55	34	0.01	-473.12			
11/10/2004	11:56	35	0	-473.11			
11/10/2004	11:57	36	0.14	-473.25			
11/10/2004	11:58	37	0.13	-473.24			
11/10/2004	11:59	38	0.14	-473.25			
11/10/2004	12:00	39	0.13	-473.24			
11/10/2004	12:01	40	0.13	-473.24			

57-48-912

Pumping Test Data for Well OW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/10/2004	11:21	0	0	-473.11			Pumping rate at PW-1 = 11 gpm
11/10/2004	11:22	1	0.02	-473.13			
11/10/2004	11:23	2	0.01	-473.12			
11/10/2004	11:24	3	0.01	-473.12			
11/10/2004	11:25	4	0	-473.11			
11/10/2004	11:26	5	0	-473.11			
11/10/2004	11:27	6	0	-473.1			
11/10/2004	11:28	7	0	-473.11			
11/10/2004	11:29	8	0	-473.1			
11/10/2004	11:30	9	0.01	-473.12			
11/10/2004	11:31	10	0	-473.11			
11/10/2004	11:32	11	0	-473.1			
11/10/2004	11:33	12	0	-473.11			
11/10/2004	11:34	13	0	-473.11			
11/10/2004	11:35	14	0	-473.11			
11/10/2004	11:36	15	0	-473.11			
11/10/2004	11:37	16	0	-473.11			
11/10/2004	11:38	17	0	-473.11			
11/10/2004	11:39	18	0	-473.11			
11/10/2004	11:40	19	0.01	-473.12			
11/10/2004	11:41	20	0.01	-473.12			
11/10/2004	11:42	21	0	-473.11			
11/10/2004	11:43	22	0.01	-473.12			
11/10/2004	11:44	23	0	-473.11			
11/10/2004	11:45	24	0	-473.11			
11/10/2004	11:46	25	0	-473.11			
11/10/2004	11:47	26	0	-473.11			
11/10/2004	11:48	27	0	-473.11			
11/10/2004	11:49	28	0.01	-473.12			
11/10/2004	11:50	29	0.02	-473.13			
11/10/2004	11:51	30	0.02	-473.13			
11/10/2004	11:52	31	0.01	-473.12			
11/10/2004	11:53	32	0.01	-473.12			
11/10/2004	11:54	33	0.02	-473.13			
11/10/2004	11:55	34	0.01	-473.12			
11/10/2004	11:56	35	0	-473.11			
11/10/2004	11:57	36	0.14	-473.25			
11/10/2004	11:58	37	0.13	-473.24			
11/10/2004	11:59	38	0.14	-473.25			
11/10/2004	12:00	39	0.13	-473.24			
11/10/2004	12:01	40	0.13	-473.24			

57-48-912

Pumping Test Data for Well OW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/10/2004	12:02	41	0.14	-473.25			
11/10/2004	12:03	42	0.14	-473.25			
11/10/2004	12:04	43	0.14	-473.25			
11/10/2004	12:05	44	0.15	-473.26			
11/10/2004	12:06	45	0.13	-473.24			
11/10/2004	12:07	46	0.15	-473.26			
11/10/2004	12:08	47	0.15	-473.26			
11/10/2004	12:09	48	0.15	-473.26			
11/10/2004	12:10	49	0.13	-473.24			
11/10/2004	12:11	50	0.14	-473.25			
11/10/2004	12:12	51	0.15	-473.26			
11/10/2004	12:13	52	0.14	-473.25			
11/10/2004	12:14	53	0.14	-473.25			
11/10/2004	12:15	54	0.15	-473.26			
11/10/2004	12:16	55	0.15	-473.26			
11/10/2004	12:17	56	0.15	-473.26			
11/10/2004	12:18	57	0.15	-473.26			
11/10/2004	12:19	58	0.15	-473.26			
11/10/2004	12:20	59	0.15	-473.26			
11/10/2004	12:21	60	0.16	-473.27			
11/10/2004	12:26	65	0.15	-473.26			
11/10/2004	12:31	70	0.15	-473.26			
11/10/2004	12:36	75	0.15	-473.26			
11/10/2004	12:41	80	0.14	-473.25			
11/10/2004	12:46	85	0.16	-473.27			
11/10/2004	12:51	90	0.15	-473.26			
11/10/2004	12:56	95	0.15	-473.26			
11/10/2004	13:01	100	0.15	-473.26			
11/10/2004	13:06	105	0.16	-473.27			
11/10/2004	13:11	110	0.15	-473.26			
11/10/2004	13:16	115	0.15	-473.26			
11/10/2004	13:21	120	0.15	-473.26			
11/10/2004	13:31	130	0.16	-473.27			
11/10/2004	13:41	140	0.17	-473.28			
11/10/2004	13:51	150	0.15	-473.26			
11/10/2004	14:01	160	0.16	-473.27			
11/10/2004	14:11	170	0.14	-473.25			
11/10/2004	14:21	180	0.12	-473.23			
11/10/2004	14:31	190	0.11	-473.22			
11/10/2004	14:41	200	0.12	-473.23			
11/10/2004	14:51	210	0.14	-473.25			

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Pumping Test Data for Well OW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/10/2004	12:02	41	0.14	-473.25			
11/10/2004	12:03	42	0.14	-473.25			
11/10/2004	12:04	43	0.14	-473.25			
11/10/2004	12:05	44	0.15	-473.26			
11/10/2004	12:06	45	0.13	-473.24			
11/10/2004	12:07	46	0.15	-473.26			
11/10/2004	12:08	47	0.15	-473.26			
11/10/2004	12:09	48	0.15	-473.26			
11/10/2004	12:10	49	0.13	-473.24			
11/10/2004	12:11	50	0.14	-473.25			
11/10/2004	12:12	51	0.15	-473.26			
11/10/2004	12:13	52	0.14	-473.25			
11/10/2004	12:14	53	0.14	-473.25			
11/10/2004	12:15	54	0.15	-473.26			
11/10/2004	12:16	55	0.15	-473.26			
11/10/2004	12:17	56	0.15	-473.26			
11/10/2004	12:18	57	0.15	-473.26			
11/10/2004	12:19	58	0.15	-473.26			
11/10/2004	12:20	59	0.15	-473.26			
11/10/2004	12:21	60	0.16	-473.27			
11/10/2004	12:26	65	0.15	-473.26			
11/10/2004	12:31	70	0.15	-473.26			
11/10/2004	12:36	75	0.15	-473.26			
11/10/2004	12:41	80	0.14	-473.25			
11/10/2004	12:46	85	0.16	-473.27			
11/10/2004	12:51	90	0.15	-473.26			
11/10/2004	12:56	95	0.15	-473.26			
11/10/2004	13:01	100	0.15	-473.26			
11/10/2004	13:06	105	0.16	-473.27			
11/10/2004	13:11	110	0.15	-473.26			
11/10/2004	13:16	115	0.15	-473.26			
11/10/2004	13:21	120	0.15	-473.26			
11/10/2004	13:31	130	0.16	-473.27			
11/10/2004	13:41	140	0.17	-473.28			
11/10/2004	13:51	150	0.15	-473.26			
11/10/2004	14:01	160	0.16	-473.27			
11/10/2004	14:11	170	0.14	-473.25			
11/10/2004	14:21	180	0.12	-473.23			
11/10/2004	14:31	190	0.11	-473.22			
11/10/2004	14:41	200	0.12	-473.23			
11/10/2004	14:51	210	0.14	-473.25			

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Pumping Test Data for Well OW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/10/2004	15:01	220	0.17	-473.28			
11/10/2004	15:11	230	0.17	-473.28			
11/10/2004	15:21	240	0.19	-473.3			
11/10/2004	15:31	250	0.2	-473.31			
11/10/2004	15:41	260	0.19	-473.3			
11/10/2004	15:51	270	0.2	-473.31			
11/10/2004	16:01	280	0.21	-473.32			
11/10/2004	16:11	290	0.19	-473.3			
11/10/2004	16:21	300	0.19	-473.3			
11/10/2004	16:51	330	0.21	-473.32			
11/10/2004	17:21	360	0.22	-473.33			
11/10/2004	17:51	390	0.24	-473.35			
11/10/2004	18:21	420	0.27	-473.38			
11/10/2004	18:51	450	0.31	-473.42			
11/10/2004	19:21	480	0.35	-473.46			
11/10/2004	19:51	510	0.46	-473.57			
11/10/2004	20:21	540	0.48	-473.59			
11/10/2004	20:51	570	0.55	-473.66			
11/10/2004	21:21	600	0.59	-473.7			
11/10/2004	22:21	660	0.61	-473.72			
11/10/2004	23:21	720	0.61	-473.72			
11/11/2004	0:21	780	0.61	-473.72			
11/11/2004	1:21	840	0.66	-473.77			
11/11/2004	2:21	900	0.69	-473.8			
11/11/2004	3:21	960	0.64	-473.75			
11/11/2004	4:21	1020	0.61	-473.72			
11/11/2004	5:21	1080	0.61	-473.72			
11/11/2004	6:21	1140	0.6	-473.71			
11/11/2004	7:21	1200	0.62	-473.73			
11/11/2004	8:21	1260	0.76	-473.87			
11/11/2004	9:21	1320	0.83	-473.94			
11/11/2004	10:21	1380	0.88	-473.99			
11/11/2004	11:21	1440	0.95	-474.06			
11/11/2004	11:30	1449	0.99	-474.1	0	0.00	
11/11/2004	11:31	1450	0.98	-474.09	1	0.01	
11/11/2004	11:32	1451	0.98	-474.09	2	0.01	
11/11/2004	11:33	1452	0.99	-474.1	3	0.00	
11/11/2004	11:34	1453	0.98	-474.09	4	0.01	
11/11/2004	11:35	1454	1	-474.11	5	0.00	
11/11/2004	11:36	1455	0.98	-474.09	6	0.01	
11/11/2004	11:37	1456	0.99	-474.1	7	0.00	

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Pumping Test Data for Well OW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/10/2004	15:01	220	0.17	-473.28			
11/10/2004	15:11	230	0.17	-473.28			
11/10/2004	15:21	240	0.19	-473.3			
11/10/2004	15:31	250	0.2	-473.31			
11/10/2004	15:41	260	0.19	-473.3			
11/10/2004	15:51	270	0.2	-473.31			
11/10/2004	16:01	280	0.21	-473.32			
11/10/2004	16:11	290	0.19	-473.3			
11/10/2004	16:21	300	0.19	-473.3			
11/10/2004	16:51	330	0.21	-473.32			
11/10/2004	17:21	360	0.22	-473.33			
11/10/2004	17:51	390	0.24	-473.35			
11/10/2004	18:21	420	0.27	-473.38			
11/10/2004	18:51	450	0.31	-473.42			
11/10/2004	19:21	480	0.35	-473.46			
11/10/2004	19:51	510	0.46	-473.57			
11/10/2004	20:21	540	0.48	-473.59			
11/10/2004	20:51	570	0.55	-473.66			
11/10/2004	21:21	600	0.59	-473.7			
11/10/2004	22:21	660	0.61	-473.72			
11/10/2004	23:21	720	0.61	-473.72			
11/11/2004	0:21	780	0.61	-473.72			
11/11/2004	1:21	840	0.66	-473.77			
11/11/2004	2:21	900	0.69	-473.8			
11/11/2004	3:21	960	0.64	-473.75			
11/11/2004	4:21	1020	0.61	-473.72			
11/11/2004	5:21	1080	0.61	-473.72			
11/11/2004	6:21	1140	0.6	-473.71			
11/11/2004	7:21	1200	0.62	-473.73			
11/11/2004	8:21	1260	0.76	-473.87			
11/11/2004	9:21	1320	0.83	-473.94			
11/11/2004	10:21	1380	0.88	-473.99			
11/11/2004	11:21	1440	0.95	-474.06			
11/11/2004	11:30	1449	0.99	-474.1	0	0.00	
11/11/2004	11:31	1450	0.98	-474.09	1	0.01	
11/11/2004	11:32	1451	0.98	-474.09	2	0.01	
11/11/2004	11:33	1452	0.99	-474.1	3	0.00	
11/11/2004	11:34	1453	0.98	-474.09	4	0.01	
11/11/2004	11:35	1454	1	-474.11	5	0.00	
11/11/2004	11:36	1455	0.98	-474.09	6	0.01	
11/11/2004	11:37	1456	0.99	-474.1	7	0.00	

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Pumping Test Data for Well OW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/11/2004	11:38	1457	0.99	-474.1	8	0.00	
11/11/2004	11:39	1458	0.99	-474.1	9	0.00	
11/11/2004	11:40	1459	0.99	-474.1	10	0.00	
11/11/2004	11:41	1460	0.99	-474.1	11	0.00	
11/11/2004	11:42	1461	0.99	-474.1	12	0.00	
11/11/2004	11:43	1462	1	-474.11	13	0.00	
11/11/2004	11:44	1463	1	-474.11	14	0.00	
11/11/2004	11:45	1464	0.99	-474.1	15	0.00	
11/11/2004	11:46	1465	0.99	-474.1	16	0.00	
11/11/2004	11:47	1466	0.99	-474.1	17	0.00	
11/11/2004	11:48	1467	1	-474.11	18	0.00	
11/11/2004	11:49	1468	1	-474.11	19	0.00	
11/11/2004	11:50	1469	1	-474.11	20	0.00	
11/11/2004	11:51	1470	1	-474.11	21	0.00	
11/11/2004	11:52	1471	1	-474.11	22	0.00	
11/11/2004	11:53	1472	1	-474.11	23	0.00	
11/11/2004	11:54	1473	0.99	-474.1	24	0.00	
11/11/2004	11:55	1474	0.99	-474.1	25	0.00	
11/11/2004	11:56	1475	0.99	-474.1	26	0.00	
11/11/2004	11:57	1476	0.99	-474.1	27	0.00	
11/11/2004	11:58	1477	0.99	-474.1	28	0.00	
11/11/2004	11:59	1478	0.98	-474.09	29	0.01	
11/11/2004	12:00	1479	0.97	-474.08	30	0.02	
11/11/2004	12:01	1480	0.98	-474.09	31	0.01	
11/11/2004	12:02	1481	0.97	-474.08	32	0.02	
11/11/2004	12:03	1482	0.98	-474.09	33	0.01	
11/11/2004	12:04	1483	0.98	-474.09	34	0.01	
11/11/2004	12:05	1484	0.98	-474.09	35	0.01	
11/11/2004	12:06	1485	0.97	-474.08	36	0.02	
11/11/2004	12:07	1486	0.96	-474.07	37	0.03	
11/11/2004	12:08	1487	0.97	-474.08	38	0.02	
11/11/2004	12:09	1488	0.96	-474.07	39	0.03	
11/11/2004	12:10	1489	0.97	-474.08	40	0.02	
11/11/2004	12:11	1490	0.96	-474.07	41	0.03	
11/11/2004	12:12	1491	0.95	-474.06	42	0.04	
11/11/2004	12:13	1492	0.96	-474.07	43	0.03	
11/11/2004	12:14	1493	0.95	-474.06	44	0.04	
11/11/2004	12:15	1494	0.97	-474.08	45	0.02	
11/11/2004	12:16	1495	0.94	-474.05	46	0.05	
11/11/2004	12:17	1496	0.95	-474.06	47	0.04	
11/11/2004	12:18	1497	0.95	-474.06	48	0.04	

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Pumping Test Data for Well OW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/11/2004	11:38	1457	0.99	-474.1	8	0.00	
11/11/2004	11:39	1458	0.99	-474.1	9	0.00	
11/11/2004	11:40	1459	0.99	-474.1	10	0.00	
11/11/2004	11:41	1460	0.99	-474.1	11	0.00	
11/11/2004	11:42	1461	0.99	-474.1	12	0.00	
11/11/2004	11:43	1462	1	-474.11	13	0.00	
11/11/2004	11:44	1463	1	-474.11	14	0.00	
11/11/2004	11:45	1464	0.99	-474.1	15	0.00	
11/11/2004	11:46	1465	0.99	-474.1	16	0.00	
11/11/2004	11:47	1466	0.99	-474.1	17	0.00	
11/11/2004	11:48	1467	1	-474.11	18	0.00	
11/11/2004	11:49	1468	1	-474.11	19	0.00	
11/11/2004	11:50	1469	1	-474.11	20	0.00	
11/11/2004	11:51	1470	1	-474.11	21	0.00	
11/11/2004	11:52	1471	1	-474.11	22	0.00	
11/11/2004	11:53	1472	1	-474.11	23	0.00	
11/11/2004	11:54	1473	0.99	-474.1	24	0.00	
11/11/2004	11:55	1474	0.99	-474.1	25	0.00	
11/11/2004	11:56	1475	0.99	-474.1	26	0.00	
11/11/2004	11:57	1476	0.99	-474.1	27	0.00	
11/11/2004	11:58	1477	0.99	-474.1	28	0.00	
11/11/2004	11:59	1478	0.98	-474.09	29	0.01	
11/11/2004	12:00	1479	0.97	-474.08	30	0.02	
11/11/2004	12:01	1480	0.98	-474.09	31	0.01	
11/11/2004	12:02	1481	0.97	-474.08	32	0.02	
11/11/2004	12:03	1482	0.98	-474.09	33	0.01	
11/11/2004	12:04	1483	0.98	-474.09	34	0.01	
11/11/2004	12:05	1484	0.98	-474.09	35	0.01	
11/11/2004	12:06	1485	0.97	-474.08	36	0.02	
11/11/2004	12:07	1486	0.96	-474.07	37	0.03	
11/11/2004	12:08	1487	0.97	-474.08	38	0.02	
11/11/2004	12:09	1488	0.96	-474.07	39	0.03	
11/11/2004	12:10	1489	0.97	-474.08	40	0.02	
11/11/2004	12:11	1490	0.96	-474.07	41	0.03	
11/11/2004	12:12	1491	0.95	-474.06	42	0.04	
11/11/2004	12:13	1492	0.96	-474.07	43	0.03	
11/11/2004	12:14	1493	0.95	-474.06	44	0.04	
11/11/2004	12:15	1494	0.97	-474.08	45	0.02	
11/11/2004	12:16	1495	0.94	-474.05	46	0.05	
11/11/2004	12:17	1496	0.95	-474.06	47	0.04	
11/11/2004	12:18	1497	0.95	-474.06	48	0.04	

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Pumping Test Data for Well OW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/11/2004	12:19	1498	0.95	-474.06	49	0.04	
11/11/2004	12:20	1499	0.95	-474.06	50	0.04	
11/11/2004	12:21	1500	0.94	-474.05	51	0.05	
11/11/2004	12:22	1501	0.94	-474.05	52	0.05	
11/11/2004	12:23	1502	0.94	-474.05	53	0.05	
11/11/2004	12:24	1503	0.94	-474.05	54	0.05	
11/11/2004	12:25	1504	0.94	-474.05	55	0.05	
11/11/2004	12:26	1505	0.95	-474.06	56	0.04	
11/11/2004	12:27	1506	0.93	-474.04	57	0.06	
11/11/2004	12:28	1507	0.94	-474.05	58	0.05	
11/11/2004	12:29	1508	0.94	-474.05	59	0.05	
11/11/2004	12:30	1509	0.94	-474.05	60	0.05	
11/11/2004	12:35	1514	0.92	-474.03	65	0.07	
11/11/2004	12:40	1519	0.91	-474.02	70	0.08	
11/11/2004	12:45	1524	0.9	-474.01	75	0.09	
11/11/2004	12:50	1529	0.89	-474	80	0.10	
11/11/2004	12:55	1534	0.89	-474	85	0.10	
11/11/2004	13:00	1539	0.87	-473.98	90	0.12	
11/11/2004	13:05	1544	0.86	-473.97	95	0.13	
11/11/2004	13:10	1549	0.84	-473.95	100	0.15	
11/11/2004	13:15	1554	0.83	-473.94	105	0.16	
11/11/2004	13:20	1559	0.82	-473.93	110	0.17	
11/11/2004	13:25	1564	0.81	-473.92	115	0.18	
11/11/2004	13:30	1569	0.8	-473.91	120	0.19	
11/11/2004	13:40	1579	0.79	-473.9	130	0.20	
11/11/2004	13:50	1589	0.77	-473.88	140	0.22	
11/11/2004	14:00	1599	0.74	-473.85	150	0.25	
11/11/2004	14:10	1609	0.71	-473.82	160	0.28	
11/11/2004	14:20	1619	0.69	-473.8	170	0.30	
11/11/2004	14:30	1629	0.66	-473.77	180	0.33	
11/11/2004	14:40	1639	0.64	-473.75	190	0.35	
11/11/2004	14:50	1649	0.62	-473.73	200	0.37	
11/11/2004	15:00	1659	0.6	-473.71	210	0.39	
11/11/2004	15:10	1669	0.58	-473.69	220	0.41	
11/11/2004	15:20	1679	0.57	-473.68	230	0.42	
11/11/2004	15:30	1689	0.56	-473.67	240	0.43	
11/11/2004	15:40	1699	0.53	-473.64	250	0.46	
11/11/2004	15:50	1709	0.52	-473.63	260	0.47	
11/11/2004	16:00	1719	0.5	-473.61	270	0.49	
11/11/2004	16:10	1729	0.49	-473.6	280	0.50	
11/11/2004	16:20	1739	0.47	-473.58	290	0.52	

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Pumping Test Data for Well OW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/11/2004	12:19	1498	0.95	-474.06	49	0.04	
11/11/2004	12:20	1499	0.95	-474.06	50	0.04	
11/11/2004	12:21	1500	0.94	-474.05	51	0.05	
11/11/2004	12:22	1501	0.94	-474.05	52	0.05	
11/11/2004	12:23	1502	0.94	-474.05	53	0.05	
11/11/2004	12:24	1503	0.94	-474.05	54	0.05	
11/11/2004	12:25	1504	0.94	-474.05	55	0.05	
11/11/2004	12:26	1505	0.95	-474.06	56	0.04	
11/11/2004	12:27	1506	0.93	-474.04	57	0.06	
11/11/2004	12:28	1507	0.94	-474.05	58	0.05	
11/11/2004	12:29	1508	0.94	-474.05	59	0.05	
11/11/2004	12:30	1509	0.94	-474.05	60	0.05	
11/11/2004	12:35	1514	0.92	-474.03	65	0.07	
11/11/2004	12:40	1519	0.91	-474.02	70	0.08	
11/11/2004	12:45	1524	0.9	-474.01	75	0.09	
11/11/2004	12:50	1529	0.89	-474	80	0.10	
11/11/2004	12:55	1534	0.89	-474	85	0.10	
11/11/2004	13:00	1539	0.87	-473.98	90	0.12	
11/11/2004	13:05	1544	0.86	-473.97	95	0.13	
11/11/2004	13:10	1549	0.84	-473.95	100	0.15	
11/11/2004	13:15	1554	0.83	-473.94	105	0.16	
11/11/2004	13:20	1559	0.82	-473.93	110	0.17	
11/11/2004	13:25	1564	0.81	-473.92	115	0.18	
11/11/2004	13:30	1569	0.8	-473.91	120	0.19	
11/11/2004	13:40	1579	0.79	-473.9	130	0.20	
11/11/2004	13:50	1589	0.77	-473.88	140	0.22	
11/11/2004	14:00	1599	0.74	-473.85	150	0.25	
11/11/2004	14:10	1609	0.71	-473.82	160	0.28	
11/11/2004	14:20	1619	0.69	-473.8	170	0.30	
11/11/2004	14:30	1629	0.66	-473.77	180	0.33	
11/11/2004	14:40	1639	0.64	-473.75	190	0.35	
11/11/2004	14:50	1649	0.62	-473.73	200	0.37	
11/11/2004	15:00	1659	0.6	-473.71	210	0.39	
11/11/2004	15:10	1669	0.58	-473.69	220	0.41	
11/11/2004	15:20	1679	0.57	-473.68	230	0.42	
11/11/2004	15:30	1689	0.56	-473.67	240	0.43	
11/11/2004	15:40	1699	0.53	-473.64	250	0.46	
11/11/2004	15:50	1709	0.52	-473.63	260	0.47	
11/11/2004	16:00	1719	0.5	-473.61	270	0.49	
11/11/2004	16:10	1729	0.49	-473.6	280	0.50	
11/11/2004	16:20	1739	0.47	-473.58	290	0.52	

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Pumping Test Data for Well OW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/11/2004	16:30	1749	0.45	-473.56	300	0.54	
11/11/2004	17:00	1779	0.45	-473.56	330	0.54	
11/11/2004	17:30	1809	0.46	-473.57	360	0.53	
11/11/2004	18:00	1839	0.49	-473.6	390	0.50	
11/11/2004	18:30	1869	0.54	-473.65	420	0.45	
11/11/2004	19:00	1899	0.54	-473.65	450	0.45	
11/11/2004	19:30	1929	0.55	-473.66	480	0.44	
11/11/2004	20:00	1959	0.54	-473.65	510	0.45	
11/11/2004	20:30	1989	0.56	-473.67	540	0.43	
11/11/2004	21:00	2019	0.55	-473.66	570	0.44	
11/11/2004	21:30	2049	0.59	-473.7	600	0.40	
11/11/2004	22:30	2109	0.61	-473.72	660	0.38	
11/11/2004	23:30	2169	0.57	-473.68	720	0.42	
11/12/2004	0:30	2229	0.5	-473.61	780	0.49	
11/12/2004	1:30	2289	0.38	-473.49	840	0.61	
11/12/2004	2:30	2349	0.28	-473.39	900	0.71	
11/12/2004	3:30	2409	0.2	-473.31	960	0.79	
11/12/2004	4:30	2469	0.17	-473.28	1020	0.82	
11/12/2004	5:30	2529	0.07	-473.18	1080	0.92	
11/12/2004	6:30	2589	0.05	-473.16	1140	0.94	
11/12/2004	7:30	2649	0.05	-473.16	1200	0.94	
11/12/2004	8:30	2709	0.06	-473.17	1260	0.93	
11/12/2004	9:30	2769	0.19	-473.3	1320	0.80	
11/12/2004	10:30	2829	0.23	-473.34	1380	0.76	
11/12/2004	11:30	2889	0.24	-473.35 ✓	1440	0.75	

9/2

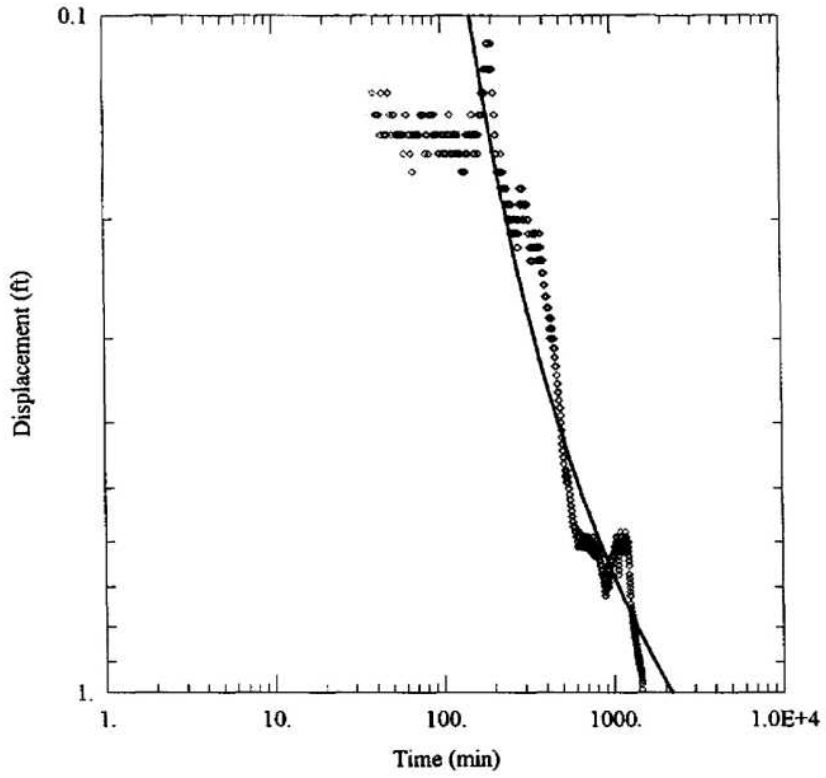
APP000735

Pumping Test Data for Well OW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/11/2004	16:30	1749	0.45	-473.56	300	0.54	
11/11/2004	17:00	1779	0.45	-473.56	330	0.54	
11/11/2004	17:30	1809	0.46	-473.57	360	0.53	
11/11/2004	18:00	1839	0.49	-473.6	390	0.50	
11/11/2004	18:30	1869	0.54	-473.65	420	0.45	
11/11/2004	19:00	1899	0.54	-473.65	450	0.45	
11/11/2004	19:30	1929	0.55	-473.66	480	0.44	
11/11/2004	20:00	1959	0.54	-473.65	510	0.45	
11/11/2004	20:30	1989	0.56	-473.67	540	0.43	
11/11/2004	21:00	2019	0.55	-473.66	570	0.44	
11/11/2004	21:30	2049	0.59	-473.7	600	0.40	
11/11/2004	22:30	2109	0.61	-473.72	660	0.38	
11/11/2004	23:30	2169	0.57	-473.68	720	0.42	
11/12/2004	0:30	2229	0.5	-473.61	780	0.49	
11/12/2004	1:30	2289	0.38	-473.49	840	0.61	
11/12/2004	2:30	2349	0.28	-473.39	900	0.71	
11/12/2004	3:30	2409	0.2	-473.31	960	0.79	
11/12/2004	4:30	2469	0.17	-473.28	1020	0.82	
11/12/2004	5:30	2529	0.07	-473.18	1080	0.92	
11/12/2004	6:30	2589	0.05	-473.16	1140	0.94	
11/12/2004	7:30	2649	0.05	-473.16	1200	0.94	
11/12/2004	8:30	2709	0.06	-473.17	1260	0.93	
11/12/2004	9:30	2769	0.19	-473.3	1320	0.80	
11/12/2004	10:30	2829	0.23	-473.34	1380	0.76	
11/12/2004	11:30	2889	0.24	-473.35 ✓	1440	0.75	

9/2

APP000736



DRAWDOWN AT OW-1

Data Set: C:\BGS\WellSpec\Frontera\ow-1ddT.aqt
Date: 12/12/04 Time: 14:59:24

PROJECT INFORMATION

Company: The Wellspec Company
Client: W. Graner
Project: Frontera Subdivision
Location: Hays County
Test Well:. PW-1
Test Date: November 10 - 12, 2004

WELL DATA

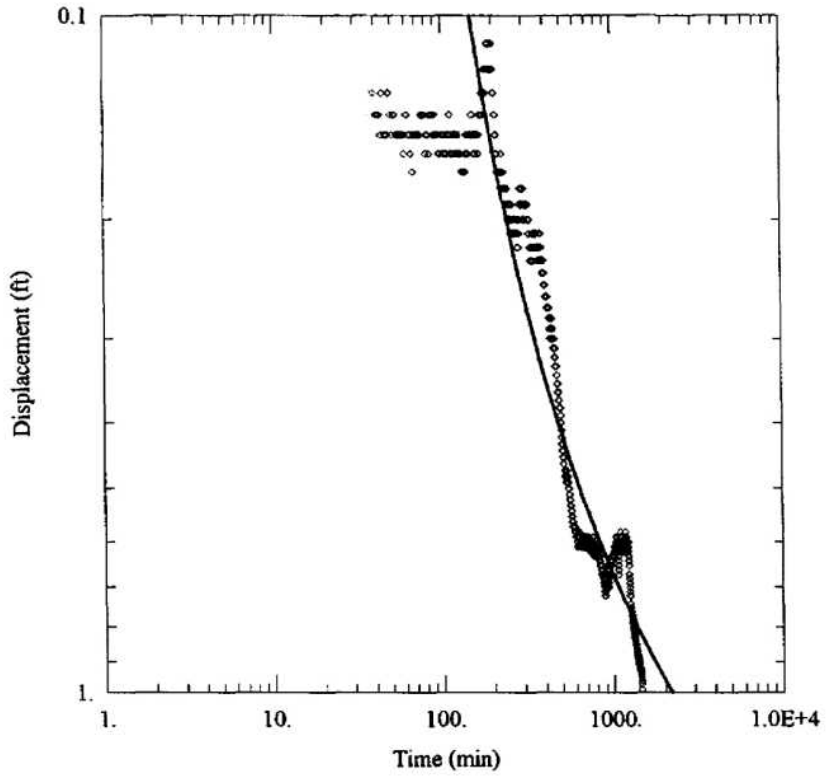
Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
PW 1	0	0	◦ OW 1	0	660

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 2726.5 gal/day/ft
S = 0.0003516
Kz/Kr = 1.
b = 200. ft

57-48-912



DRAWDOWN AT OW-1

Data Set: C:\BGS\WellSpec\Frontera\ow-1ddT.aqt
Date: 12/12/04 Time: 14:59:24

PROJECT INFORMATION

Company: The Wellspec Company
Client: W. Graner
Project: Frontera Subdivision
Location: Hays County
Test Well:. PW-1
Test Date: November 10 - 12, 2004

WELL DATA

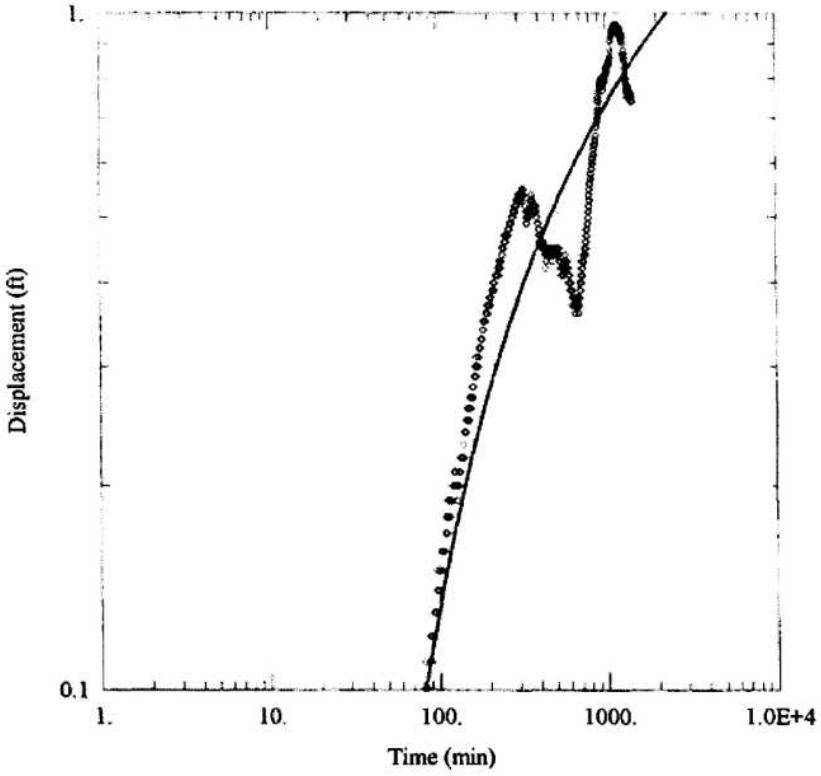
Pumping Wells			Observation Wells		
Well Name	X (ft)	Y (ft)	Well Name	X (ft)	Y (ft)
PW 1	0	0	◦ OW 1	0	660

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 2726.5 gal/day/ft
S = 0.0003516
Kz/Kr = 1.
b = 200. ft

57-48-912



RECOVERY AT OW-1

Data Set: C:\BGS\WellSpec\Frontera\ow-1recT.aqt
Date: 12/12/04 Time: 14:58:51

PROJECT INFORMATION

Company: The Wellspec Company
Client: W. Graner
Project: Frontera Subdivision
Location: Hays County
Test Well: PW-1
Test Date: November 10 - 12, 2004

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
PW 1	0	0

Observation Wells

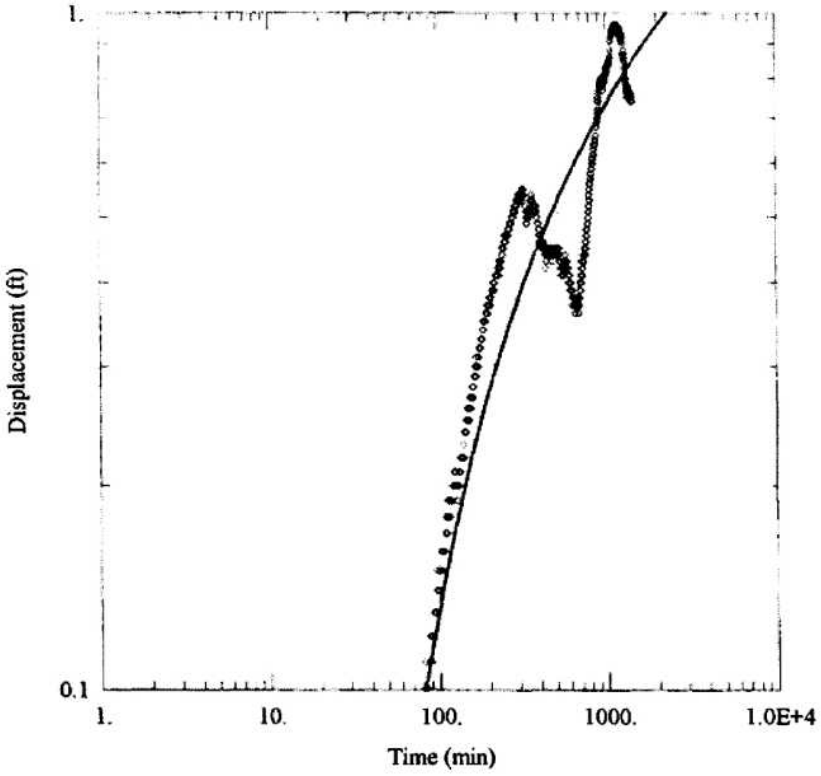
Well Name	X (ft)	Y (ft)
◦ OW 1	0	660

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 3770.6 gal/day/ft
S = 0.0002157
Kz/Kr = 1.
b = 200. ft

5748 912



RECOVERY AT OW-1

Data Set: C:\BGS\WellSpec\Frontera\ow-1recT.aqt
Date: 12/12/04 Time: 14:58:51

PROJECT INFORMATION

Company: The Wellspec Company
Client: W. Graner
Project: Frontera Subdivision
Location: Hays County
Test Well: PW-1
Test Date: November 10 - 12, 2004

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
PW 1	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
◦ OW 1	0	660

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 3770.6 gal/day/ft
S = 0.0002157
Kz/Kr = 1.
b = 200. ft

5748 912

TABLE 2
SUMMARY OF PUMPING TEST RESULTS
Frontera Subdivision, Hays County, Texas

Well	Max. Drawdown at 11 gpm (feet)	TRANSMISSIVITY (T) (gallons/day/foot)		STORATIVITY (S) (unitless)	
		Estimate from Drawdown	Estimate from Recovery	Estimate from Drawdown	Estimate from Recovery
57-48-712 PW	20.2	1,200	1,300	0.04	0.01
OW 57-48-712	3.3	2,700	3,700	0.0004	0.0002

57 48 712

TABLE 2
SUMMARY OF PUMPING TEST RESULTS
Frontera Subdivision, Hays County, Texas

Well	Max. Drawdown at 11 gpm (feet)	TRANSMISSIVITY (T) (gallons/day/foot)		STORATIVITY (S) (unitless)	
		Estimate from Drawdown	Estimate from Recovery	Estimate from Drawdown	Estimate from Recovery
57-48-911 PW	20.2	1,200	1,300	0.04	0.01
OW 57-48-912	3.3	2,700	3,700	0.0004	0.0002

57 48 912

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
31	2 of 2	WNW	0.62 / 3,294.39	WALT GRANER 11951 BONHAM RANCH RD. DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO:	49940
Date Submitted:	2004-12-14
Owner Name:	WALT GRANER
Owner Address:	3006 BEE CAVES RD. B 160
Owner Address2:	
Owner City:	AUSTIN
Owner State:	TX
Owner Zip:	78746
County:	Hays
Type of Work:	New Well
Typ of Wrk Oth Descr:	
Proposed Use:	Domestic
Prop Use Oth Descr:	
Latitude:	30.251945
Longitude:	-98.035278
Drilling Date Started:	2004-11-04
Drilling Date Completed:	2004-11-04
Chemical Analysis:	No
Company Name:	BEE CAVE DRILLING, INC.
Company Address:	185 ANGELFIRE DR.
CompanyAddress2:	
Company City:	DRIPPING SPRINGS
Company State:	TX
Company Zip:	78620
Company Country:	
Data Source:	Full SDR Database; SDRDB Well Location (Map)
Report Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=49940&Type=SDR-Well

Well Borehole Information

Top Depth:	
Bottom Depth:	770.0
Top Depth:	0
Bottom Depth:	30
Top Depth:	30
Bottom Depth:	770

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
32	1 of 1	ESE	0.63 / 3,349.31	Jim Spry 12330A Pauls Valley Rd. Austin TX 78737	SDRW WELLS

Track NO: 422837
Date Submitted: 2016-05-20
Owner Name: Jim Spry
Owner Address: 12330A Pauls Valley Rd.
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78737
County: Travis
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.240833
Longitude: -98.010278
Drilling Date Started: 2016-04-25
Drilling Date Completed: 2016-04-25
Chemical Analysis: No
Company Name: Associated Drilling Inc
Company Address: PO Box 673
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=422837&Type=SDR-Well

Well Borehole Information

Top Depth: 0
Bottom Depth: 50

Top Depth: 50
Bottom Depth: 730

Top Depth:
Bottom Depth: 730.0

Well Strata

Water Type:

Lower Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
33	1 of 1	W	0.64 / 3,387.21	PAT SARGENT 15601 FITZHUGH RD. DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 432581
Date Submitted: 2016-09-26
Owner Name: PAT SARGENT
Owner Address: 15601 FITZHUGH RD.
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.246217
Longitude: -98.037217
Drilling Date Started: 2016-07-27
Drilling Date Completed: 2016-07-27
Chemical Analysis: No
Company Name: CENTEX PUMP & SUPPLY, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=432581&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 750.0

Top Depth: 60
Bottom Depth: 750

Top Depth: 0
Bottom Depth: 60

Well Levels

Measurement: 496.7
Measurement Date: 2016-07-27

Well Strata

Water Type:

LOWER TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
34	1 of 1	W	0.65 / 3,431.83	STEVE BEARD 12319 TRIPLE CREEK CIRCLE DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 76808
Date Submitted: 2006-02-21
Owner Name: STEVE BEARD
Owner Address: 12319 TRIPLE CREEK CIRCLE
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.243889
Longitude: -98.038056
Drilling Date Started: 2006-01-12
Drilling Date Completed: 2006-01-13
Chemical Analysis: Yes
Company Name: BEE CAVE DRILLING, INC.
Company Address: 185 ANGELFIRE DR.
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=76808&Type=SDR-Well

Well Borehole Information

Top Depth: 0
Bottom Depth: 13

Top Depth: 13
Bottom Depth: 730

Top Depth:
Bottom Depth: 730.0

Well Levels

Measurement: 424
Measurement Date: 2006-01-16

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
35	1 of 2	NW	0.67 / 3,522.73	Walt Graner Frontera PW-1 TX	GWDB

Well Rep Track No:	49944
State Well NO:	5748911
Owner Name:	Walt Graner Frontera PW-1
Drilling Start Dt:	
Drilling Month:	11
Drilling Day:	6
Drilling Year:	2004
Well Depth:	770
Well Usage:	Domestic
Water Level Status:	
Latitude:	30.2538890
Longitude:	-98.0347220
Data Source:	Groundwater Database (GWDB) Reports; GIS shapefile of GWDB well locations
Well Info Report:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetReports.aspx?Num=5748911&Type=GWDB
Document Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetScannedImage.aspx?Num=5748911&Cnty=Hays

49944 ✓ new ✓

Texas Water Development Board
Well Schedule

State Well Number 5748911 Prev. Well No. _____ County Hays County Code 209

Basin Colorado 14 GMA 9 RWPA K GCD Hays Trinity Aquifer Lower Trinity (Hosston) 218GRLH

Latitude 30 15 14 Longitude 098 02 05 Coord Accuracy 1 Aquifer ID1 28 Aquifer ID2 __ Aquifer ID3 __

Owner Walt Grauer Driller Bee Cave Drilling

Well No. Frontera Subdv.

Address _____ Tenant/Oper. _____

Well Depth 720 Source of Depth D Altitude 1155 Source of Alt. Datum M 385

Date Drilled 11 6 2004 Well Type W User Code _____

Casing Records:
Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S)
Open Hole (O)
Cemented from __ to __

	Diam. (in.)	Interval of C,S, or O. From	To
1	C04	0	695
2	S04	695	755
3	C04	755	770
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			

Lift Data
Pump Mfr. _____ Type of Lift Sub S Pump Depth Setting (ft) 720 ft.
Motor Mfg _____ Type of Power elec E Horsepower _____

Water Use Primary Dom H Secondary _____ Tertiary _____

Other Data Available Water Level M Water Quality Y Well Logs D Other Data A

Well Construction Const Method Air Rotary A Casing Material plastic P
Completion Method gravel packed screen G Screen Material plastic P Conn.

Water Levels
Date 11 12 2004 Meas. 509.98 Remarks driller M.P. + -
Date 11 9 2004 Meas. 505 Remarks ____
Date ____ Meas. ____ Remarks ____

Water Quality (Remarks: #36, PW-1, TWDB Report, Contract # 2005-483-554)

Field Flow Rate _____ Pump Rate _____ GPM Circle how rate was determined: Meas Rept Est Date of Test _____

Performance Test Length of test 24 hr Production Rate 11 GPM Circle how rate was determined: Meas Rept Est Date of Test 11/12/04
Static Level 509.98 ft. Pumping Level 530.09 ft. Amount of Drawdown 20.11 ft. Specific Capacity 0.54 GPM/ft.

See WQ o-log

Date Record Collected / Information Updated 2 4 2009 Reporting Agency 01 Recorded by D. Coker

Other Remarks
1 Reported yield 11 GPM with 20 feet drawdown
2 after pumping 24 hours in 2004. Specific
3 capacity 0.5 GPM/ft.
4
5
6

Aquifer

57.48.911

Well Number

V:/SurfaceWaterResources/Groundwater/WaterQuality/WellSchedule

49944 ✓ new ✓

Texas Water Development Board
Well Schedule

State Well Number 57489 11 Prev. Well No. _____ County Hays County Code 209

Basin Colorado 14 GMA 9 RWPA K GCD Hays Trinity Aquifer Lower Trinity (Hosston) 219GRLH

Latitude 30 15 14 Longitude 098 02 05 Coord Accuracy 1 Aquifer ID1 28 Aquifer ID2 __ Aquifer ID3 __

Owner Walt Grauer Driller Bee Cave Drilling

Well No. Frontera Subdv. _____

Address _____ Tenant/Oper. _____

Well Depth 720 Source of Depth D Altitude 1155 Source of Alt. Datum M 385

Date Drilled 11 6 2004 Well Type W User Code _____

Casing Records:

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S)
Open Hole (O)
Cemented from ___ to ___

	Diam. (in.)	Interval of C,S, or O. From	To
1	C04	0	695
2	S04	695	755
3	C04	755	770
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			

Lift Data: Pump Mfr. _____ Type of Lift Subm S Pump Depth Setting (ft) 720 ft.
Motor Mfg _____ Type of Power elec E Horsepower _____

Water Use: Primary Dom H Secondary _____ Tertiary _____

Other Data Available: Water Level M Water Quality Y Well Logs D Other Data A

Well Construction: Const Method Air Rotary A Casing Material plastic P
Completion Method gravel packed screen G Screen Material plastic P Conn.

Water Levels:
Date 11 12 2004 Meas. 509.98 Remarks driller M.P. + -
Date 11 9 2004 Meas. 505 Remarks ____
Date ____ Meas. ____ Remarks ____

Water Quality (Remarks: #36, PW-1, TWDB Report, Contract # 2005-483 ~~554~~ 554

Field Performance Test:
Flow Rate _____ Pump Rate _____ GPM Circle how rate was determined: Meas Rept Est Date of Test _____
Length of test 24 hr Production Rate 11 GPM Circle how rate was determined: Meas (Rept) Est Date of Test 11/12/04
Static Level 509.98 ft. Pumping Level 530.09 ft. Amount of Drawdown 20.11 ft. Specific Capacity 0.54 GPM/ft.

See WQ e-log

Date Record Collected / Information Updated 2 4 2009 Reporting Agency 01 Recorded by D. Coker

Other Remarks:
1 Reported yield 11 GPM with 20 feet drawdown
2 after pumping 24 hours in 2004. Specific
3 capacity 0.5 GPM/ft.
4
5
6

Aquifer

57.48.911

Well Number

V:/SurfaceWaterResources/Groundwater/WaterQuality/WellSchedule

TRACKING# 49944 **STATE OF TEXAS WELL REPORT** Date Entered: 12/14/2004

OWNER: WALT GRANER

OWNER ADDRESS: 3006 BEE CAVES RD. B 160 AUSTIN , TX 78746

ADDRESS OF WELL'S LOCATION:
11951 BONHAM RANCH RD.
DRIPPING SPRIN , TX 78620

COUNTY: Hays LATITUDE: 301514 LONGITUDE: 980205 Brand/Model of GPS: GARMIN

Owner's Well Number: 001 ELEVATION: 1155 Grid Number: 57 - 48 - 9

TYPE OF WORK:
☑ New Well ☐ Replacement Well
☐ Deepening ☐ Reconditioning

PROPOSED USE: ☐ Monitor Well ☐ Env. Soil Boring ☑ Domestic ☐ Test Well
☐ Industrial ☐ Irrigation ☐ Injection ☐ Geothermal Heat Loop
☐ Public Supply ☐ De-watering ☐ Rig Supply ☐ Stock or Livestock
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

WELL LOG:
Date Drilling Started 11/5/2004
Completed 11/6/2004

DIAMETER OF HOLE

Dia. (in)	From (ft.)	To (ft.)
10	Surface	30
7	30	770

DRILLING METHOD:
☐ Driven ☐ Air Hammer ☐ Hollow Stem Auger ☐ Bored
☑ Air Rotary ☐ Cable Tool ☐ Reverse Circulation
☐ Mud Rotary ☐ Jetted ☐ Other

ANNULAR SEAL DATA
From 0 ft. to 30 ft. #Sacks + Material 19 CEMENT
From 655 ft. to 670 ft. #Sacks + Material 2 HOLE PLUG
From ft. to ft. #Sacks + Material
Method Used
Cemented By GREG SVETLIK
Distance to Septic System
Distance to Property Line:
Method of Verification NOT YET INSTAL
Approved by Variance No.

BOREHOLE COMPLETION:
☐ Open Hole ☐ Underreamed ☐ Other
☐ Straight Wall ☑ Gravel Packed
Gravel Packed Interval from 670 ft. to 770 ft.
Size

SURFACE COMPLETION:
☐ Surface Slab Installed ☐ Pitless Adapter Used
☑ Surface Sleeve Installed ☐ Alternative Procedure Used

WATER LEVEL:
Static Level 505 ft. below land surface
Artesian Flow gpm. Date 11/8/2004

PLUGGING INFO:
☐ Well Plugged within 48 hours
Casing left in well: From (ft.) To (ft.)
Cement/Bentonite left in well: From (ft.) To (ft.) Cem/Bent Sacks Used:

TYPE OF PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other DID NOT SET
Depth to pump bowls, cylinder, jet, etc. 720

WELL TESTS:
Type of test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40 gpm with ft. drawdown after hrs.

PACKERS:
Type: PLASTIC 30' Depth:

WATER QUALITY:
Did Driller knowingly penetrate any strata which contained undesirable constituents? ☐ Yes ☑ No
Type of water:
Depth of Strata:
Chemical Analysis made? ☐ Yes ☑ No

COMPANY NAME: BEE CAVE DRILLING, INC. WELL DRILLER'S LICENSE NO. 54416
ADDRESS 185 ANGELFIRE DR. DRIPPING SP TX 78620
Name as Signature JIM BLAIR Registered Driller Apprentice GREG SVETLIK WWDAPP00001734
Driller Comments

574891

TRACKING# 49944 **STATE OF TEXAS WELL REPORT** Date Entered: 12/14/2004

OWNER: WALT GRANER

OWNER ADDRESS: 3006 BEE CAVES RD. B 160 AUSTIN , TX 78746

ADDRESS OF WELL'S LOCATION:
11951 BONHAM RANCH RD.
DRIPPING SPRIN , TX 78620

COUNTY: Hays LATITUDE: 301514 LONGITUDE: 980205 Brand/Model of GPS: GARMIN

Owner's Well Number: 001 ELEVATION: 1155 Grid Number: 57 - 48 - 9

TYPE OF WORK:
☑ New Well ☐ Replacement Well
☐ Deepening ☐ Reconditioning

PROPOSED USE: ☐ Monitor Well ☐ Env. Soil Boring ☑ Domestic ☐ Test Well
☐ Industrial ☐ Irrigation ☐ Injection ☐ Geothermal Heat Loop
☐ Public Supply ☐ De-watering ☐ Rig Supply ☐ Stock or Livestock
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

WELL LOG:
Date Drilling Started 11/5/2004
Completed 11/6/2004

DIAMETER OF HOLE

Dia. (in)	From (ft.)	To (ft.)
10	Surface	30
7	30	770

DRILLING METHOD:
☐ Driven ☐ Air Hammer ☐ Hollow Stem Auger ☐ Bored
☑ Air Rotary ☐ Cable Tool ☐ Reverse Circulation
☐ Mud Rotary ☐ Jetted ☐ Other

ANNULAR SEAL DATA
From 0 ft. to 30 ft. #Sacks + Material 19 CEMENT
From 655 ft. to 670 ft. #Sacks + Material 2 HOLE PLUG
From ft. to ft. #Sacks + Material
Method Used
Cemented By GREG SVETLIK
Distance to Septic System
Distance to Property Line:
Method of Verification NOT YET INSTAL
Approved by Variance No.

BOREHOLE COMPLETION:
☐ Open Hole ☐ Underreamed ☐ Other
☐ Straight Wall ☑ Gravel Packed
Gravel Packed Interval from 670 ft. to 770 ft.
Size

SURFACE COMPLETION:
☐ Surface Slab Installed ☐ Pitless Adapter Used
☑ Surface Sleeve Installed ☐ Alternative Procedure Used

WATER LEVEL:
Static Level 505 ft. below land surface
Artesian Flow gpm. Date 11/8/2004

PLUGGING INFO:
☐ Well Plugged within 48 hours
Casing left in well: From (ft.) To (ft.)
Cement/Bentonite left in well: From (ft.) To (ft.) Cem/Bent Sacks Used:

TYPE OF PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other DID NOT SET
Depth to pump bowls, cylinder, jet, etc. 720

WELL TESTS:
Type of test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40 gpm with ft. drawdown after hrs.

PACKERS:
Type PLASTIC 30' Depth

WATER QUALITY:
Did Driller knowingly penetrate any strata which contained undesirable constituents? ☐ Yes ☑ No
Type of water:
Depth of Strata:
Chemical Analysis made? ☐ Yes ☑ No

COMPANY NAME: BEE CAVE DRILLING, INC. WELL DRILLER'S LICENSE NO. 54416
ADDRESS 185 ANGELFIRE DR. DRIPPING SP TX 78620
Name as Signature JIM BLAIR Registered Driller Apprentice GREG SVETLIK WWDAPP00001734
Driller Comments

5748911

WELL REPORT CONFIDENTIALITY NOTICE

TEX. OCC. CODE Title 12, Chapter 1901.251, authorizes the owner (owner or the person for whom the well was drilled) to keep information in Well Reports confidential. The Department shall hold the contents of the well log confidential and not a matter of public record if it receives, by certified mail, a written request to do so from the owner. Please include the report's Tracking number on your written request.

Texas Department of Licensing Regulation
Water Well Driller/Pump Installer Section
P.O. Box 12157 Austin, TX 78711
Toll free (800)803-9202 (512)463-7880 FAX (512)463-8616
Email address: water.well@license.state.tx.us Web address: www.license.state.tx.us

DESCRIPTION AND COLOR OF FORMATION MATERIAL

From (ft.) To (ft.) Description

0 - 1 TOPSOIL
1 - 8 CALICHE
8 - 318 BLUE LIMESTONE
318 - 324 WHITE LIMESTONE
324 - 460 GREY LIMESTONE
460 - 485 SANDY LIMESTONE
485 - 505 BLUE SHALE
505 - 555 LIGHT GREY & TAN LIMESTONE
555 - 605 LIGHT GREY ROCK
605 - 625 BLUE & BROWN CLAY
625 - 629 GREY ROCK
629 - 647 BLUE CLAY
647 - 665 GREY LIMESTONE
665 - 700 BLUE SANDSTONE
700 - 722 RED SANDSTONE
722 - 738 SAND STRINGER W/B 20 GPM
738 - 749 TAN ROCK
749 - 770 RED SANDSTONE W/B 20 GPM

CASING, BLANK PIPE, AND WELL SCREEN DATA

Dia.	New/Used	Type	Setting From/To	Gage
4.5	NEW	PLASTIC	0 - 695	
4.5	NEW	SCREEN MFG.	695 - 755	.10
4.5	NEW	PLASTIC	755 - 770	

11/12/04 Const.
Lab. unknown

T. Hard	511
Ca	80
Mg	20
Na	16
SO4	222
Cl	13
F	2.5
TDS	785
ph	7.1

✓

5748911

WELL REPORT CONFIDENTIALITY NOTICE

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555 - 605 LIGHT GREY ROCK
605 - 625 BLUE & BROWN CLAY
625 - 629 GREY ROCK
629 - 647 BLUE CLAY
647 - 665 GREY LIMESTONE
665 - 700 BLUE SANDSTONE
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722 - 738 SAND STRINGER W/B 20 GPM
738 - 749 TAN ROCK
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11/12/04 Const.
Lab. unknown

T. Hard	511
Ca	80
Mg	20
Na	16
SO4	222
Cl	13
F	2.5
TDS	785
ph	7.1

✓

5748911

Report_#	36	Monitor_Well	Y
County	Hays	Dist_from_pump_well_ft	660
Pump_Well_ID	PW-1	Init_WL_ft_bgs	-509.98
Consultant(s)	The_Wellspec_Company_and_Bo	Final_WL_ft_bgs	-530.09
Certified_By	Joe_J._Vickers_and_Steve_Bond	Aquif_Thick_ft	200
Developer	Frontera_Subdivision	Fully_Penetrated	Partially_penetrated
Pump_Test_Date(s)	11/12/2004	T_gpd/ft	2000
Alternate_Location		S	0.001
Lat	30.2536	K_gpd/ft2	20
Long	-98.0346	Spec_Cap_gpm/ft	0.55
Aquifer	Lower_Trinity	Well_Effic_(%)	
Aquifer_Type	Confined	Est_drawdown_ft_bgs	3.1_gpm/well,_Drawdown_of_1_
Pump_Well_depth	770	Rec_Well_Spac_	
Screen_Diam_ft	0.42	Cl_mg/l	145
Open_Interval_ft	695_-_755	SO4_mg/l	904
Pump_Rate_gpm	11	TDS_mg/l	1610
Pump_Period_hrs	24	Comments	
Max_Drawdown_ft	20.11	ility_0-none_to_5-high	5

5748911

Report_#	36	Monitor_Well	Y
County	Hays	Dist_from_pump_well_ft	660
Pump_Well_ID	PW-1	Init_WL_ft_bgs	-509.98
Consultant(s)	The_Wellspec_Company_and_Bo	Final_WL_ft_bgs	-530.09
Certified_By	Joe_J._Vickers_and_Steve_Bond	Aquif_Thick_ft	200
Developer	Frontera_Subdivision	Fully_Penetrated	Partially_penetrated
Pump_Test_Date(s)	11/12/2004	T_gpd/ft	2000
Alternate_Location		S	0.001
Lat	30.2536	K_gpd/ft2	20
Long	-98.0346	Spec_Cap_gpm/ft	0.55
Aquifer	Lower_Trinity	Well_Effic_(%)	
Aquifer_Type	Confined	Est_drawdown_ft_bgs	3.1_gpm/well,_Drawdown_of_1_
Pump_Well_depth	770	Rec_Well_Spac_	
Screen_Diam_ft	0.42	Cl_mg/l	145
Open_Interval_ft	695_-_755	SO4_mg/l	904
Pump_Rate_gpm	11	TDS_mg/l	1610
Pump_Period_hrs	24	Comments	
Max_Drawdown_ft	20.11	ility_0-none_to_5-high	5

5748911

TABLE 1
SUMMARY OF TEST WELL CONSTRUCTION
Frontera Subdivision, Hays County, Texas

Test Well	Date Drilled	North Latitude	West Longitude	Elevation Ground Level (feet MSL)	Total Depth (feet BGL)	4.5-inch PVC Casing (feet BGL)	4.5-inch PVC 0.010-in. screen (feet BGL)	Water Level Date Measured	Water Level (feet btoc)	Water Level Elevation (feet MSL)
57-48-911										
PW-1	11/4/2004	30 15' 13.1"	98 02' 04.4"	1,163	770	0 to 695 755 to 770	695 to 755	11/10/2004	509.98 ✓	653.0
OW-1	11/4/2004	30 15' 07.1"	98 02' 06.8"	1,133	770	0 to 724 764 to 770	724 to 764	11/10/2004	473.11	659.9

Notes: feet MSL – feet above mean sea level
feet BGL = feet below ground level
feet btoc = feet below top of casing
Latitude and Longitude in degrees, minutes and seconds
Elevations are estimates.,

57-48-911

TABLE 1
SUMMARY OF TEST WELL CONSTRUCTION
Frontera Subdivision, Hays County, Texas

Test Well	Date Drilled	North Latitude	West Longitude	Elevation Ground Level (feet MSL)	Total Depth (feet BGL)	4.5-inch PVC Casing (feet BGL)	4.5-inch PVC 0.010-in. screen (feet BGL)	Water Level Date Measured	Water Level (feet btoc)	Water Level Elevation (feet MSL)
57-48-911										
PW-1	11/4/2004	30 15' 13.1"	98 02' 04.4"	1,163	770	0 to 695 755 to 770	695 to 755	11/10/2004	509.98 ✓	653.0
OW-1	11/4/2004	30 15' 07.1"	98 02' 06.8"	1,133	770	0 to 724 764 to 770	724 to 764	11/10/2004	473.11	659.9

Notes: feet MSL – feet above mean sea level
feet BGL = feet below ground level
feet btoc = feet below top of casing
Latitude and Longitude in degrees, minutes and seconds
Elevations are estimates.,

57-48-911

Pumping Test Data at Well PW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/10/2004	11:21	0	0	-509.98			Pumping Rate = 11 gpm
11/10/2004	11:22	1	0.55	-510.53			
11/10/2004	11:23	2	1.29	-511.27			
11/10/2004	11:24	3	0.44	-510.42			
11/10/2004	11:25	4	2.76	-512.74			
11/10/2004	11:26	5	6.31	-516.29			
11/10/2004	11:27	6	7.33	-517.31			
11/10/2004	11:28	7	7.8	-517.78			
11/10/2004	11:29	8	8.13	-518.11			
11/10/2004	11:30	9	8.42	-518.4			
11/10/2004	11:31	10	8.42	-518.4			
11/10/2004	11:32	11	8.65	-518.63			
11/10/2004	11:33	12	8.81	-518.79			
11/10/2004	11:34	13	9	-518.98			
11/10/2004	11:35	14	9.1	-519.08			
11/10/2004	11:36	15	9.67	-519.65			
11/10/2004	11:37	16	10.7	-520.68			
11/10/2004	11:38	17	11.17	-521.15			
11/10/2004	11:39	18	11.33	-521.31			
11/10/2004	11:40	19	11.53	-521.51			
11/10/2004	11:41	20	11.71	-521.69			
11/10/2004	11:42	21	11.92	-521.9			
11/10/2004	11:43	22	12.2	-522.18			
11/10/2004	11:44	23	12.3	-522.28			
11/10/2004	11:45	24	12.55	-522.53			
11/10/2004	11:46	25	12.85	-522.83			
11/10/2004	11:47	26	13.06	-523.04			
11/10/2004	11:48	27	13.21	-523.19			
11/10/2004	11:49	28	13.39	-523.37			
11/10/2004	11:50	29	13.4	-523.38			
11/10/2004	11:51	30	13.5	-523.48			
11/10/2004	11:52	31	13.49	-523.47			
11/10/2004	11:53	32	13.5	-523.48			
11/10/2004	11:54	33	13.52	-523.5			
11/10/2004	11:55	34	13.6	-523.58			
11/10/2004	11:56	35	13.59	-523.57			
11/10/2004	11:57	36	13.8	-523.78			
11/10/2004	11:58	37	13.76	-523.74			
11/10/2004	11:59	38	13.77	-523.75			
11/10/2004	12:00	39	13.89	-523.87			
11/10/2004	12:01	40	13.89	-523.87			

57-48-911

Pumping Test Data at Well PW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/10/2004	11:21	0	0	-509.98			Pumping Rate = 11 gpm
11/10/2004	11:22	1	0.55	-510.53			
11/10/2004	11:23	2	1.29	-511.27			
11/10/2004	11:24	3	0.44	-510.42			
11/10/2004	11:25	4	2.76	-512.74			
11/10/2004	11:26	5	6.31	-516.29			
11/10/2004	11:27	6	7.33	-517.31			
11/10/2004	11:28	7	7.8	-517.78			
11/10/2004	11:29	8	8.13	-518.11			
11/10/2004	11:30	9	8.42	-518.4			
11/10/2004	11:31	10	8.42	-518.4			
11/10/2004	11:32	11	8.65	-518.63			
11/10/2004	11:33	12	8.81	-518.79			
11/10/2004	11:34	13	9	-518.98			
11/10/2004	11:35	14	9.1	-519.08			
11/10/2004	11:36	15	9.67	-519.65			
11/10/2004	11:37	16	10.7	-520.68			
11/10/2004	11:38	17	11.17	-521.15			
11/10/2004	11:39	18	11.33	-521.31			
11/10/2004	11:40	19	11.53	-521.51			
11/10/2004	11:41	20	11.71	-521.69			
11/10/2004	11:42	21	11.92	-521.9			
11/10/2004	11:43	22	12.2	-522.18			
11/10/2004	11:44	23	12.3	-522.28			
11/10/2004	11:45	24	12.55	-522.53			
11/10/2004	11:46	25	12.85	-522.83			
11/10/2004	11:47	26	13.06	-523.04			
11/10/2004	11:48	27	13.21	-523.19			
11/10/2004	11:49	28	13.39	-523.37			
11/10/2004	11:50	29	13.4	-523.38			
11/10/2004	11:51	30	13.5	-523.48			
11/10/2004	11:52	31	13.49	-523.47			
11/10/2004	11:53	32	13.5	-523.48			
11/10/2004	11:54	33	13.52	-523.5			
11/10/2004	11:55	34	13.6	-523.58			
11/10/2004	11:56	35	13.59	-523.57			
11/10/2004	11:57	36	13.8	-523.78			
11/10/2004	11:58	37	13.76	-523.74			
11/10/2004	11:59	38	13.77	-523.75			
11/10/2004	12:00	39	13.89	-523.87			
11/10/2004	12:01	40	13.89	-523.87			

57-48-911

APP000759

Pumping Test Data at Well PW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/10/2004	12:02	41	14.05	-524.03			
11/10/2004	12:03	42	13.94	-523.92			
11/10/2004	12:04	43	13.93	-523.91			
11/10/2004	12:05	44	14.08	-524.06			
11/10/2004	12:06	45	14.08	-524.06			
11/10/2004	12:07	46	14.06	-524.04			
11/10/2004	12:08	47	14.14	-524.12			
11/10/2004	12:09	48	14.1	-524.08			
11/10/2004	12:10	49	14.22	-524.2			
11/10/2004	12:11	50	14.25	-524.23			
11/10/2004	12:12	51	14.26	-524.24			
11/10/2004	12:13	52	14.31	-524.29			
11/10/2004	12:14	53	14.33	-524.31			
11/10/2004	12:15	54	14.28	-524.26			
11/10/2004	12:16	55	14.32	-524.3			
11/10/2004	12:17	56	14.36	-524.34			
11/10/2004	12:18	57	14.39	-524.37			
11/10/2004	12:19	58	14.44	-524.42			
11/10/2004	12:20	59	14.47	-524.45			
11/10/2004	12:21	60	14.45	-524.43			
11/10/2004	12:26	65	14.58	-524.56			
11/10/2004	12:31	70	14.62	-524.6			
11/10/2004	12:36	75	14.8	-524.78			
11/10/2004	12:41	80	14.96	-524.94			
11/10/2004	12:46	85	14.96	-524.94			
11/10/2004	12:51	90	15.07	-525.05			
11/10/2004	12:56	95	15.08	-525.06			
11/10/2004	13:01	100	15.17	-525.15			
11/10/2004	13:06	105	15.19	-525.17			
11/10/2004	13:11	110	15.29	-525.27			
11/10/2004	13:16	115	15.35	-525.33			
11/10/2004	13:21	120	15.42	-525.4			
11/10/2004	13:31	130	15.63	-525.61			
11/10/2004	13:41	140	15.65	-525.63			
11/10/2004	13:51	150	15.82	-525.8			
11/10/2004	14:01	160	15.95	-525.93			
11/10/2004	14:11	170	15.99	-525.97			
11/10/2004	14:21	180	16.08	-526.06			
11/10/2004	14:31	190	16.19	-526.17			
11/10/2004	14:41	200	16.21	-526.19			
11/10/2004	14:51	210	16.33	-526.31			

5748911

APP000760

Pumping Test Data at Well PW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/10/2004	12:02	41	14.05	-524.03			
11/10/2004	12:03	42	13.94	-523.92			
11/10/2004	12:04	43	13.93	-523.91			
11/10/2004	12:05	44	14.08	-524.06			
11/10/2004	12:06	45	14.08	-524.06			
11/10/2004	12:07	46	14.06	-524.04			
11/10/2004	12:08	47	14.14	-524.12			
11/10/2004	12:09	48	14.1	-524.08			
11/10/2004	12:10	49	14.22	-524.2			
11/10/2004	12:11	50	14.25	-524.23			
11/10/2004	12:12	51	14.26	-524.24			
11/10/2004	12:13	52	14.31	-524.29			
11/10/2004	12:14	53	14.33	-524.31			
11/10/2004	12:15	54	14.28	-524.26			
11/10/2004	12:16	55	14.32	-524.3			
11/10/2004	12:17	56	14.36	-524.34			
11/10/2004	12:18	57	14.39	-524.37			
11/10/2004	12:19	58	14.44	-524.42			
11/10/2004	12:20	59	14.47	-524.45			
11/10/2004	12:21	60	14.45	-524.43			
11/10/2004	12:26	65	14.58	-524.56			
11/10/2004	12:31	70	14.62	-524.6			
11/10/2004	12:36	75	14.8	-524.78			
11/10/2004	12:41	80	14.96	-524.94			
11/10/2004	12:46	85	14.96	-524.94			
11/10/2004	12:51	90	15.07	-525.05			
11/10/2004	12:56	95	15.08	-525.06			
11/10/2004	13:01	100	15.17	-525.15			
11/10/2004	13:06	105	15.19	-525.17			
11/10/2004	13:11	110	15.29	-525.27			
11/10/2004	13:16	115	15.35	-525.33			
11/10/2004	13:21	120	15.42	-525.4			
11/10/2004	13:31	130	15.63	-525.61			
11/10/2004	13:41	140	15.65	-525.63			
11/10/2004	13:51	150	15.82	-525.8			
11/10/2004	14:01	160	15.95	-525.93			
11/10/2004	14:11	170	15.99	-525.97			
11/10/2004	14:21	180	16.08	-526.06			
11/10/2004	14:31	190	16.19	-526.17			
11/10/2004	14:41	200	16.21	-526.19			
11/10/2004	14:51	210	16.33	-526.31			

5748911

APP000761

Pumping Test Data at Well PW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/10/2004	15:01	220	16.5	-526.48			
11/10/2004	15:11	230	16.44	-526.42			
11/10/2004	15:21	240	16.55	-526.53			
11/10/2004	15:51	270	16.64	-526.62			
11/10/2004	16:21	300	17.02	-527			
11/10/2004	16:51	330	17.26	-527.24			
11/10/2004	17:21	360	17.28	-527.26			
11/10/2004	17:51	390	17.36	-527.34			
11/10/2004	18:21	420	17.83	-527.81			
11/10/2004	18:51	450	17.76	-527.74			
11/10/2004	19:21	480	17.84	-527.82			
11/10/2004	19:51	510	18.11	-528.09			
11/10/2004	20:21	540	18.08	-528.06			
11/10/2004	20:51	570	17.96	-527.94			
11/10/2004	21:21	600	18.45	-528.43			
11/10/2004	22:21	660	18.36	-528.34			
11/10/2004	23:21	720	18.51	-528.49			
11/11/2004	0:21	780	18.78	-528.76			
11/11/2004	1:21	840	18.66	-528.64			
11/11/2004	2:21	900	18.64	-528.62			
11/11/2004	3:21	960	18.79	-528.77			
11/11/2004	4:21	1020	18.86	-528.84			
11/11/2004	5:21	1080	18.98	-528.96			
11/11/2004	6:21	1140	19.18	-529.16			
11/11/2004	7:21	1200	19.41	-529.39			
11/11/2004	8:21	1260	19.53	-529.51			
11/11/2004	9:21	1320	19.62	-529.6			
11/11/2004	10:21	1380	19.78	-529.76			
11/11/2004	11:21	1440	19.98	-529.96			
11/11/2004	11:30	1449	20.11	-530.09	0	0.00	End Pumping
11/11/2004	11:31	1450	19.55	-529.53	1	0.56	
11/11/2004	11:32	1451	15.47	-525.45	2	4.64	
11/11/2004	11:33	1452	11.47	-521.45	3	8.64	
11/11/2004	11:34	1453	9.86	-519.84	4	10.25	
11/11/2004	11:35	1454	9.17	-519.15	5	10.94	
11/11/2004	11:36	1455	8.72	-518.7	6	11.39	
11/11/2004	11:37	1456	8.39	-518.37	7	11.72	
11/11/2004	11:38	1457	8.16	-518.14	8	11.95	
11/11/2004	11:39	1458	8.01	-517.99	9	12.10	
11/11/2004	11:40	1459	7.8	-517.78	10	12.31	
11/11/2004	11:41	1460	7.62	-517.6	11	12.49	

911

Pumping Test Data at Well PW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data: Elapsed time since end of pumping (minutes)	Recovery Data: Residual Drawdown (feet)	Comments
11/10/2004	15:01	220	16.5	-526.48			
11/10/2004	15:11	230	16.44	-526.42			
11/10/2004	15:21	240	16.55	-526.53			
11/10/2004	15:51	270	16.64	-526.62			
11/10/2004	16:21	300	17.02	-527			
11/10/2004	16:51	330	17.26	-527.24			
11/10/2004	17:21	360	17.28	-527.26			
11/10/2004	17:51	390	17.36	-527.34			
11/10/2004	18:21	420	17.83	-527.81			
11/10/2004	18:51	450	17.76	-527.74			
11/10/2004	19:21	480	17.84	-527.82			
11/10/2004	19:51	510	18.11	-528.09			
11/10/2004	20:21	540	18.08	-528.06			
11/10/2004	20:51	570	17.96	-527.94			
11/10/2004	21:21	600	18.45	-528.43			
11/10/2004	22:21	660	18.36	-528.34			
11/10/2004	23:21	720	18.51	-528.49			
11/11/2004	0:21	780	18.78	-528.76			
11/11/2004	1:21	840	18.66	-528.64			
11/11/2004	2:21	900	18.64	-528.62			
11/11/2004	3:21	960	18.79	-528.77			
11/11/2004	4:21	1020	18.86	-528.84			
11/11/2004	5:21	1080	18.98	-528.96			
11/11/2004	6:21	1140	19.18	-529.16			
11/11/2004	7:21	1200	19.41	-529.39			
11/11/2004	8:21	1260	19.53	-529.51			
11/11/2004	9:21	1320	19.62	-529.6			
11/11/2004	10:21	1380	19.78	-529.76			
11/11/2004	11:21	1440	19.98	-529.96			
11/11/2004	11:30	1449	20.11	-530.09	0	0.00	End Pumping
11/11/2004	11:31	1450	19.55	-529.53	1	0.56	
11/11/2004	11:32	1451	15.47	-525.45	2	4.64	
11/11/2004	11:33	1452	11.47	-521.45	3	8.64	
11/11/2004	11:34	1453	9.86	-519.84	4	10.25	
11/11/2004	11:35	1454	9.17	-519.15	5	10.94	
11/11/2004	11:36	1455	8.72	-518.7	6	11.39	
11/11/2004	11:37	1456	8.39	-518.37	7	11.72	
11/11/2004	11:38	1457	8.16	-518.14	8	11.95	
11/11/2004	11:39	1458	8.01	-517.99	9	12.10	
11/11/2004	11:40	1459	7.8	-517.78	10	12.31	
11/11/2004	11:41	1460	7.62	-517.6	11	12.49	

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Pumping Test Data at Well PW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data		Comments
					Elapsed time since end of pumping (minutes)	Residual Drawdown (feet)	
11/11/2004	11:42	1461	7.47	-517.45	12	12.64	
11/11/2004	11:43	1462	7.34	-517.32	13	12.77	
11/11/2004	11:44	1463	7.21	-517.19	14	12.90	
11/11/2004	11:45	1464	7.09	-517.07	15	13.02	
11/11/2004	11:46	1465	7	-516.98	16	13.11	
11/11/2004	11:47	1466	6.89	-516.87	17	13.22	
11/11/2004	11:48	1467	6.79	-516.77	18	13.32	
11/11/2004	11:49	1468	6.7	-516.68	19	13.41	
11/11/2004	11:50	1469	6.62	-516.6	20	13.49	
11/11/2004	11:51	1470	6.54	-516.52	21	13.57	
11/11/2004	11:52	1471	6.48	-516.46	22	13.63	
11/11/2004	11:53	1472	6.4	-516.38	23	13.71	
11/11/2004	11:54	1473	6.34	-516.32	24	13.77	
11/11/2004	11:55	1474	6.28	-516.26	25	13.83	
11/11/2004	11:56	1475	6.23	-516.21	26	13.88	
11/11/2004	11:57	1476	6.17	-516.15	27	13.94	
11/11/2004	11:58	1477	6.11	-516.09	28	14.00	
11/11/2004	11:59	1478	6.04	-516.02	29	14.07	
11/11/2004	12:00	1479	5.99	-515.97	30	14.12	
11/11/2004	12:01	1480	5.95	-515.93	31	14.16	
11/11/2004	12:02	1481	5.9	-515.88	32	14.21	
11/11/2004	12:03	1482	5.86	-515.84	33	14.25	
11/11/2004	12:04	1483	5.8	-515.78	34	14.31	
11/11/2004	12:05	1484	5.76	-515.74	35	14.35	
11/11/2004	12:06	1485	5.7	-515.68	36	14.41	
11/11/2004	12:07	1486	5.66	-515.64	37	14.45	
11/11/2004	12:08	1487	5.62	-515.6	38	14.49	
11/11/2004	12:09	1488	5.59	-515.57	39	14.52	
11/11/2004	12:10	1489	5.54	-515.52	40	14.57	
11/11/2004	12:11	1490	5.51	-515.49	41	14.60	
11/11/2004	12:12	1491	5.48	-515.46	42	14.63	
11/11/2004	12:13	1492	5.44	-515.42	43	14.67	
11/11/2004	12:14	1493	5.41	-515.39	44	14.70	
11/11/2004	12:15	1494	5.37	-515.35	45	14.74	
11/11/2004	12:16	1495	5.33	-515.31	46	14.78	
11/11/2004	12:17	1496	5.3	-515.28	47	14.81	
11/11/2004	12:18	1497	5.27	-515.25	48	14.84	
11/11/2004	12:19	1498	5.23	-515.21	49	14.88	
11/11/2004	12:20	1499	5.21	-515.19	50	14.90	
11/11/2004	12:21	1500	5.18	-515.16	51	14.93	
11/11/2004	12:22	1501	5.14	-515.12	52	14.97	

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Pumping Test Data at Well PW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data		Comments
					Elapsed time since end of pumping (minutes)	Residual Drawdown (feet)	
11/11/2004	11:42	1461	7.47	-517.45	12	12.64	
11/11/2004	11:43	1462	7.34	-517.32	13	12.77	
11/11/2004	11:44	1463	7.21	-517.19	14	12.90	
11/11/2004	11:45	1464	7.09	-517.07	15	13.02	
11/11/2004	11:46	1465	7	-516.98	16	13.11	
11/11/2004	11:47	1466	6.89	-516.87	17	13.22	
11/11/2004	11:48	1467	6.79	-516.77	18	13.32	
11/11/2004	11:49	1468	6.7	-516.68	19	13.41	
11/11/2004	11:50	1469	6.62	-516.6	20	13.49	
11/11/2004	11:51	1470	6.54	-516.52	21	13.57	
11/11/2004	11:52	1471	6.48	-516.46	22	13.63	
11/11/2004	11:53	1472	6.4	-516.38	23	13.71	
11/11/2004	11:54	1473	6.34	-516.32	24	13.77	
11/11/2004	11:55	1474	6.28	-516.26	25	13.83	
11/11/2004	11:56	1475	6.23	-516.21	26	13.88	
11/11/2004	11:57	1476	6.17	-516.15	27	13.94	
11/11/2004	11:58	1477	6.11	-516.09	28	14.00	
11/11/2004	11:59	1478	6.04	-516.02	29	14.07	
11/11/2004	12:00	1479	5.99	-515.97	30	14.12	
11/11/2004	12:01	1480	5.95	-515.93	31	14.16	
11/11/2004	12:02	1481	5.9	-515.88	32	14.21	
11/11/2004	12:03	1482	5.86	-515.84	33	14.25	
11/11/2004	12:04	1483	5.8	-515.78	34	14.31	
11/11/2004	12:05	1484	5.76	-515.74	35	14.35	
11/11/2004	12:06	1485	5.7	-515.68	36	14.41	
11/11/2004	12:07	1486	5.66	-515.64	37	14.45	
11/11/2004	12:08	1487	5.62	-515.6	38	14.49	
11/11/2004	12:09	1488	5.59	-515.57	39	14.52	
11/11/2004	12:10	1489	5.54	-515.52	40	14.57	
11/11/2004	12:11	1490	5.51	-515.49	41	14.60	
11/11/2004	12:12	1491	5.48	-515.46	42	14.63	
11/11/2004	12:13	1492	5.44	-515.42	43	14.67	
11/11/2004	12:14	1493	5.41	-515.39	44	14.70	
11/11/2004	12:15	1494	5.37	-515.35	45	14.74	
11/11/2004	12:16	1495	5.33	-515.31	46	14.78	
11/11/2004	12:17	1496	5.3	-515.28	47	14.81	
11/11/2004	12:18	1497	5.27	-515.25	48	14.84	
11/11/2004	12:19	1498	5.23	-515.21	49	14.88	
11/11/2004	12:20	1499	5.21	-515.19	50	14.90	
11/11/2004	12:21	1500	5.18	-515.16	51	14.93	
11/11/2004	12:22	1501	5.14	-515.12	52	14.97	

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Pumping Test Data at Well PW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data		Comments
					Elapsed time since end of pumping (minutes)	Residual Drawdown (feet)	
11/11/2004	12:23	1502	5.11	-515.09	53	15.00	
11/11/2004	12:24	1503	5.08	-515.06	54	15.03	
11/11/2004	12:25	1504	5.06	-515.04	55	15.05	
11/11/2004	12:26	1505	5.01	-514.99	56	15.10	
11/11/2004	12:27	1506	4.99	-514.97	57	15.12	
11/11/2004	12:28	1507	4.95	-514.93	58	15.16	
11/11/2004	12:29	1508	4.94	-514.92	59	15.17	
11/11/2004	12:30	1509	4.9	-514.88	60	15.21	
11/11/2004	12:35	1514	4.79	-514.77	65	15.32	
11/11/2004	12:40	1519	4.67	-514.65	70	15.44	
11/11/2004	12:45	1524	4.55	-514.53	75	15.56	
11/11/2004	12:50	1529	4.45	-514.43	80	15.66	
11/11/2004	12:55	1534	4.37	-514.35	85	15.74	
11/11/2004	13:00	1539	4.3	-514.28	90	15.81	
11/11/2004	13:05	1544	4.2	-514.18	95	15.91	
11/11/2004	13:10	1549	4.12	-514.1	100	15.99	
11/11/2004	13:15	1554	4.04	-514.02	105	16.07	
11/11/2004	13:20	1559	3.96	-513.94	110	16.15	
11/11/2004	13:25	1564	3.88	-513.86	115	16.23	
11/11/2004	13:30	1569	3.77	-513.75	120	16.34	
11/11/2004	13:40	1579	3.59	-513.57	130	16.52	
11/11/2004	13:50	1589	3.57	-513.55	140	16.54	
11/11/2004	14:00	1599	3.46	-513.44	150	16.65	
11/11/2004	14:10	1609	3.36	-513.34	160	16.75	
11/11/2004	14:20	1619	3.54	-513.52	170	16.57	
11/11/2004	14:30	1629	3.33	-513.31	180	16.78	
11/11/2004	14:40	1639	3.44	-513.42	190	16.67	
11/11/2004	14:50	1649	3.21	-513.19	200	16.90	
11/11/2004	15:00	1659	3.07	-513.05	210	17.04	
11/11/2004	15:10	1669	2.95	-512.93	220	17.16	
11/11/2004	15:20	1679	2.84	-512.82	230	17.27	
11/11/2004	15:30	1689	2.75	-512.73	240	17.36	
11/11/2004	15:40	1699	2.68	-512.66	250	17.43	
11/11/2004	15:50	1709	2.59	-512.57	260	17.52	
11/11/2004	16:00	1719	2.54	-512.52	270	17.57	
11/11/2004	16:10	1729	2.73	-512.71	280	17.38	
11/11/2004	16:20	1739	2.58	-512.56	290	17.53	
11/11/2004	16:30	1749	2.63	-512.61	300	17.48	
11/11/2004	17:00	1779	2.35	-512.33	330	17.76	
11/11/2004	17:30	1809	2.12	-512.1	360	17.99	
11/11/2004	18:00	1839	2.16	-512.14	390	17.95	

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Pumping Test Data at Well PW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data		Comments
					Elapsed time since end of pumping (minutes)	Residual Drawdown (feet)	
11/11/2004	12:23	1502	5.11	-515.09	53	15.00	
11/11/2004	12:24	1503	5.08	-515.06	54	15.03	
11/11/2004	12:25	1504	5.06	-515.04	55	15.05	
11/11/2004	12:26	1505	5.01	-514.99	56	15.10	
11/11/2004	12:27	1506	4.99	-514.97	57	15.12	
11/11/2004	12:28	1507	4.95	-514.93	58	15.16	
11/11/2004	12:29	1508	4.94	-514.92	59	15.17	
11/11/2004	12:30	1509	4.9	-514.88	60	15.21	
11/11/2004	12:35	1514	4.79	-514.77	65	15.32	
11/11/2004	12:40	1519	4.67	-514.65	70	15.44	
11/11/2004	12:45	1524	4.55	-514.53	75	15.56	
11/11/2004	12:50	1529	4.45	-514.43	80	15.66	
11/11/2004	12:55	1534	4.37	-514.35	85	15.74	
11/11/2004	13:00	1539	4.3	-514.28	90	15.81	
11/11/2004	13:05	1544	4.2	-514.18	95	15.91	
11/11/2004	13:10	1549	4.12	-514.1	100	15.99	
11/11/2004	13:15	1554	4.04	-514.02	105	16.07	
11/11/2004	13:20	1559	3.96	-513.94	110	16.15	
11/11/2004	13:25	1564	3.88	-513.86	115	16.23	
11/11/2004	13:30	1569	3.77	-513.75	120	16.34	
11/11/2004	13:40	1579	3.59	-513.57	130	16.52	
11/11/2004	13:50	1589	3.57	-513.55	140	16.54	
11/11/2004	14:00	1599	3.46	-513.44	150	16.65	
11/11/2004	14:10	1609	3.36	-513.34	160	16.75	
11/11/2004	14:20	1619	3.54	-513.52	170	16.57	
11/11/2004	14:30	1629	3.33	-513.31	180	16.78	
11/11/2004	14:40	1639	3.44	-513.42	190	16.67	
11/11/2004	14:50	1649	3.21	-513.19	200	16.90	
11/11/2004	15:00	1659	3.07	-513.05	210	17.04	
11/11/2004	15:10	1669	2.95	-512.93	220	17.16	
11/11/2004	15:20	1679	2.84	-512.82	230	17.27	
11/11/2004	15:30	1689	2.75	-512.73	240	17.36	
11/11/2004	15:40	1699	2.68	-512.66	250	17.43	
11/11/2004	15:50	1709	2.59	-512.57	260	17.52	
11/11/2004	16:00	1719	2.54	-512.52	270	17.57	
11/11/2004	16:10	1729	2.73	-512.71	280	17.38	
11/11/2004	16:20	1739	2.58	-512.56	290	17.53	
11/11/2004	16:30	1749	2.63	-512.61	300	17.48	
11/11/2004	17:00	1779	2.35	-512.33	330	17.76	
11/11/2004	17:30	1809	2.12	-512.1	360	17.99	
11/11/2004	18:00	1839	2.16	-512.14	390	17.95	

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Pumping Test Data at Well PW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data		Comments
					Elapsed time since end of pumping (minutes)	Residual Drawdown (feet)	
11/11/2004	18:30	1869	2.06	-512.04	420	18.05	
11/11/2004	19:00	1899	2.07	-512.05	450	18.04	
11/11/2004	19:30	1929	1.75	-511.73	480	18.36	
11/11/2004	20:00	1959	1.63	-511.61	510	18.48	
11/11/2004	20:30	1989	1.5	-511.48	540	18.61	
11/11/2004	21:00	2019	1.52	-511.5	570	18.59	
11/11/2004	21:30	2049	1.43	-511.41	600	18.68	
11/11/2004	22:30	2109	1.32	-511.3	660	18.79	
11/11/2004	23:30	2169	1.26	-511.24	720	18.85	
11/12/2004	0:30	2229	1.1	-511.08	780	19.01	
11/12/2004	1:30	2289	1	-510.98	840	19.11	
11/12/2004	2:30	2349	0.97	-510.95	900	19.14	
11/12/2004	3:30	2409	0.93	-510.91	960	19.18	
11/12/2004	4:30	2469	0.94	-510.92	1020	19.17	
11/12/2004	5:30	2529	0.86	-510.84	1080	19.25	
11/12/2004	6:30	2589	1.01	-510.99	1140	19.10	
11/12/2004	7:30	2649	1.21	-511.19	1200	18.90	
11/12/2004	8:30	2709	1.22	-511.2	1260	18.89	
11/12/2004	9:30	2769	1.18	-511.16	1320	18.93	
11/12/2004	10:30	2829	1.04	-511.02	1380	19.07	
11/12/2004	11:04	2863	0.99	-510.97	1414	19.12	

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APP000768

Pumping Test Data at Well PW-1
Frontera Subdivision, Hays County, Texas

Date	Time	Elapsed Time (minutes)	Drawdown (feet)	Water Level (ft. btoc)	Recovery Data		Comments
					Elapsed time since end of pumping (minutes)	Residual Drawdown (feet)	
11/11/2004	18:30	1869	2.06	-512.04	420	18.05	
11/11/2004	19:00	1899	2.07	-512.05	450	18.04	
11/11/2004	19:30	1929	1.75	-511.73	480	18.36	
11/11/2004	20:00	1959	1.63	-511.61	510	18.48	
11/11/2004	20:30	1989	1.5	-511.48	540	18.61	
11/11/2004	21:00	2019	1.52	-511.5	570	18.59	
11/11/2004	21:30	2049	1.43	-511.41	600	18.68	
11/11/2004	22:30	2109	1.32	-511.3	660	18.79	
11/11/2004	23:30	2169	1.26	-511.24	720	18.85	
11/12/2004	0:30	2229	1.1	-511.08	780	19.01	
11/12/2004	1:30	2289	1	-510.98	840	19.11	
11/12/2004	2:30	2349	0.97	-510.95	900	19.14	
11/12/2004	3:30	2409	0.93	-510.91	960	19.18	
11/12/2004	4:30	2469	0.94	-510.92	1020	19.17	
11/12/2004	5:30	2529	0.86	-510.84	1080	19.25	
11/12/2004	6:30	2589	1.01	-510.99	1140	19.10	
11/12/2004	7:30	2649	1.21	-511.19	1200	18.90	
11/12/2004	8:30	2709	1.22	-511.2	1260	18.89	
11/12/2004	9:30	2769	1.18	-511.16	1320	18.93	
11/12/2004	10:30	2829	1.04	-511.02	1380	19.07	
11/12/2004	11:04	2863	0.99	-510.97	1414	19.12	

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APP000769

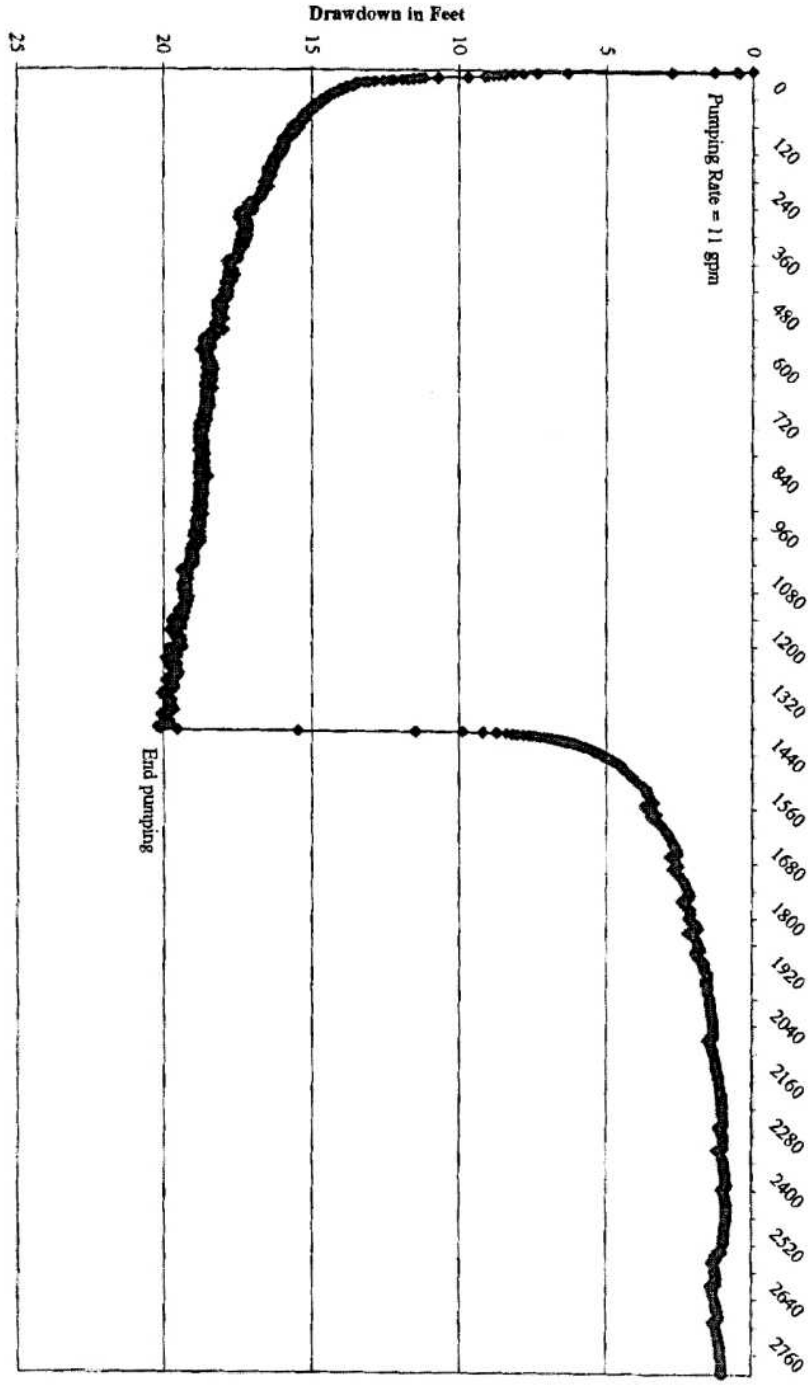


FIGURE 4
Drawdown and Recovery Curve at PW-1
Frontera Subdivision, Hays County, Texas

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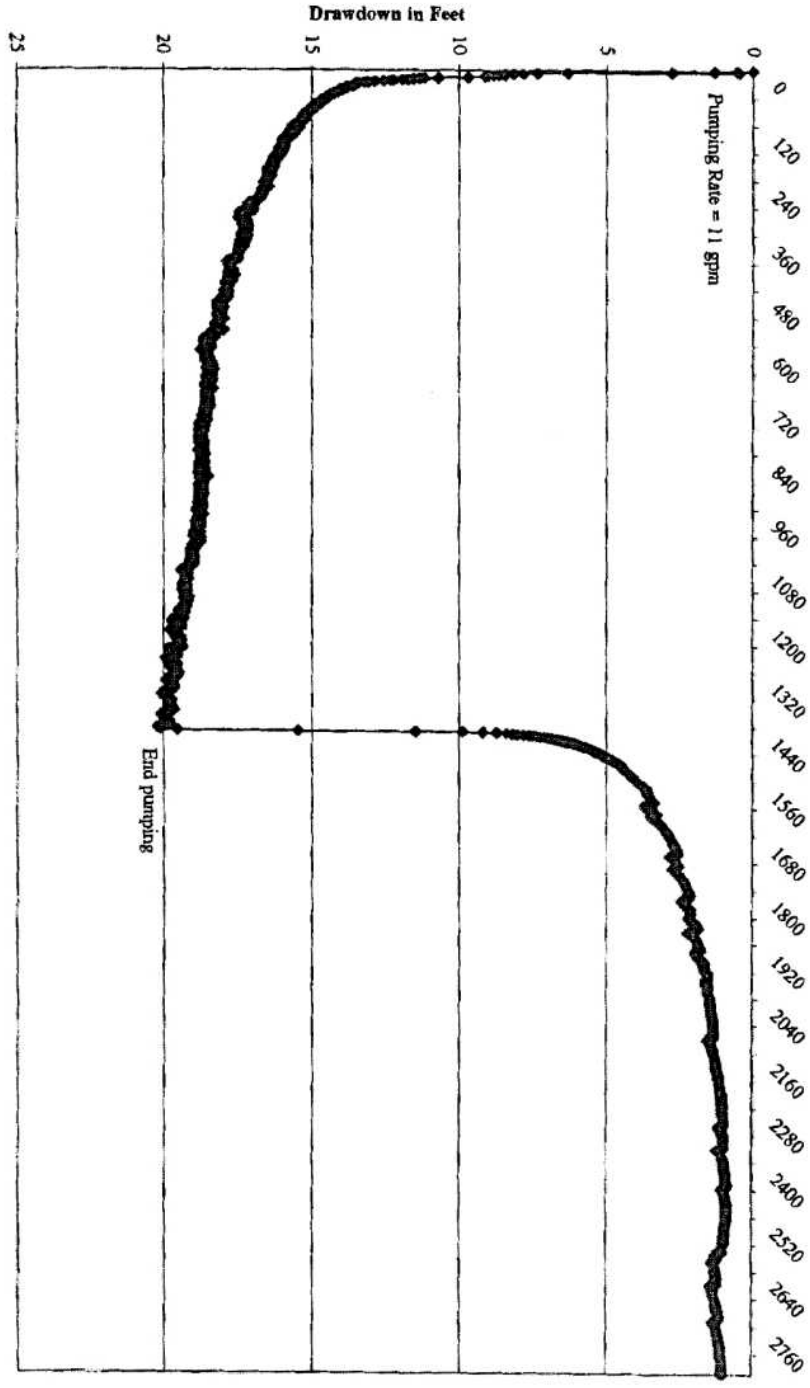
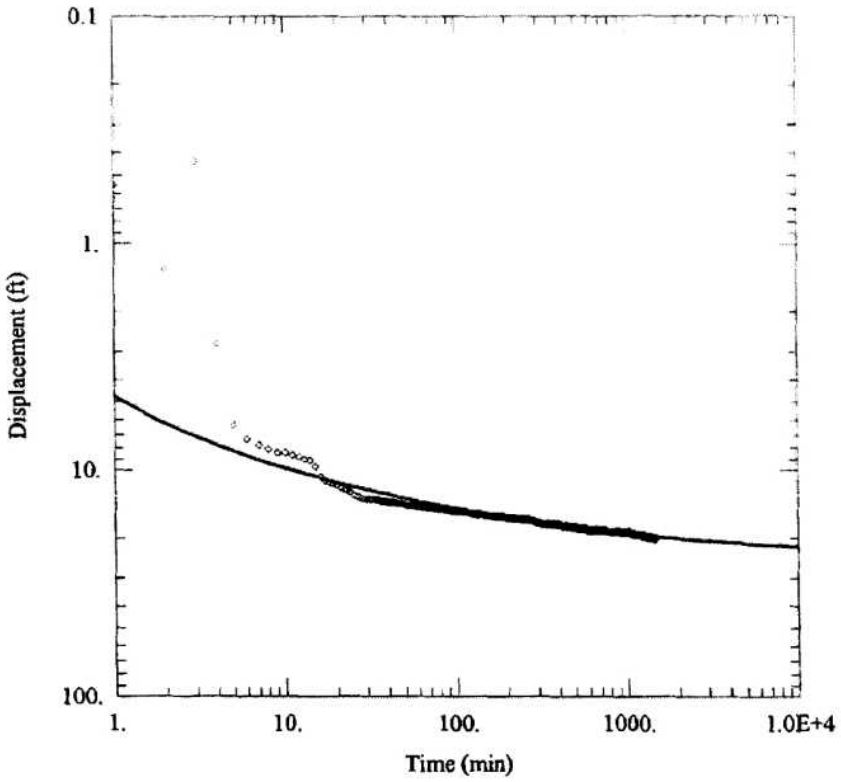


FIGURE 4
Drawdown and Recovery Curve at PW-1
Frontera Subdivision, Hays County, Texas

57-48-911



DRAWDOWN AT PW-1

Data Set: C:\BGS\WellSpec\Frontera\pw-1ddT.aqt
Date: 12/12/04 Time: 15:00:04

PROJECT INFORMATION

Company: The Wellspec Company
Client: W. Graner
Project: Frontera Subdivision
Location: Hays County
Test Well: PW-1
Test Date: November 10 - 12, 2004

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
PW 1	0	0

Observation Wells

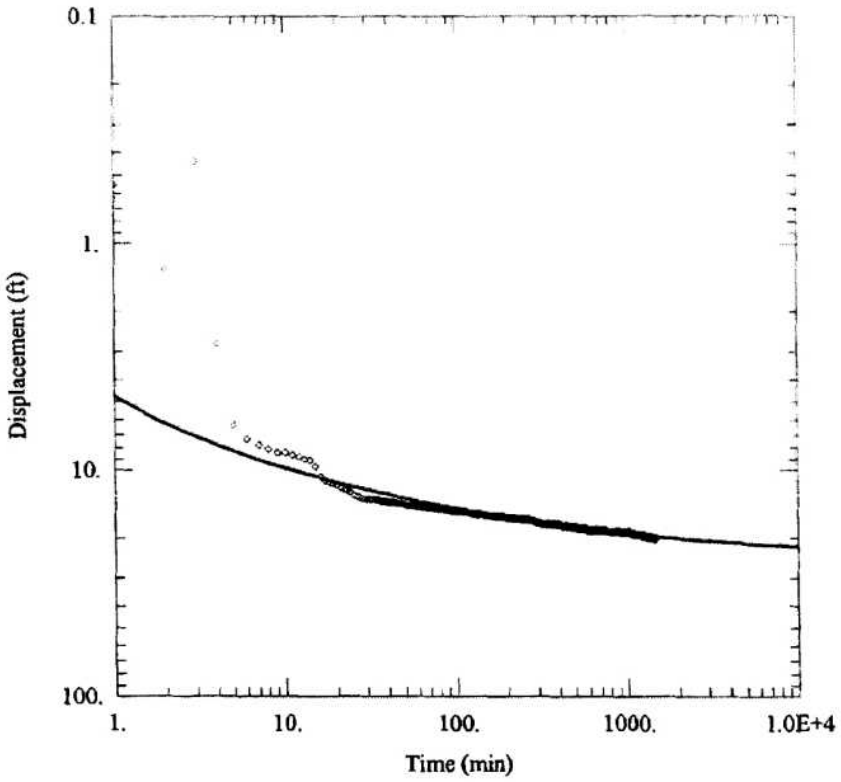
Well Name	X (ft)	Y (ft)
◦ PW 1	1	0

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 1198.1 gal/day/ft
S = 0.03517
Kz/Kr = 1.
b = 200. ft

57-48-911



DRAWDOWN AT PW-1

Data Set: C:\BGS\WellSpec\Frontera\pw-1ddT.aqt
Date: 12/12/04 Time: 15:00:04

PROJECT INFORMATION

Company: The Wellspec Company
Client: W. Graner
Project: Frontera Subdivision
Location: Hays County
Test Well: PW-1
Test Date: November 10 - 12, 2004

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
PW 1	0	0

Observation Wells

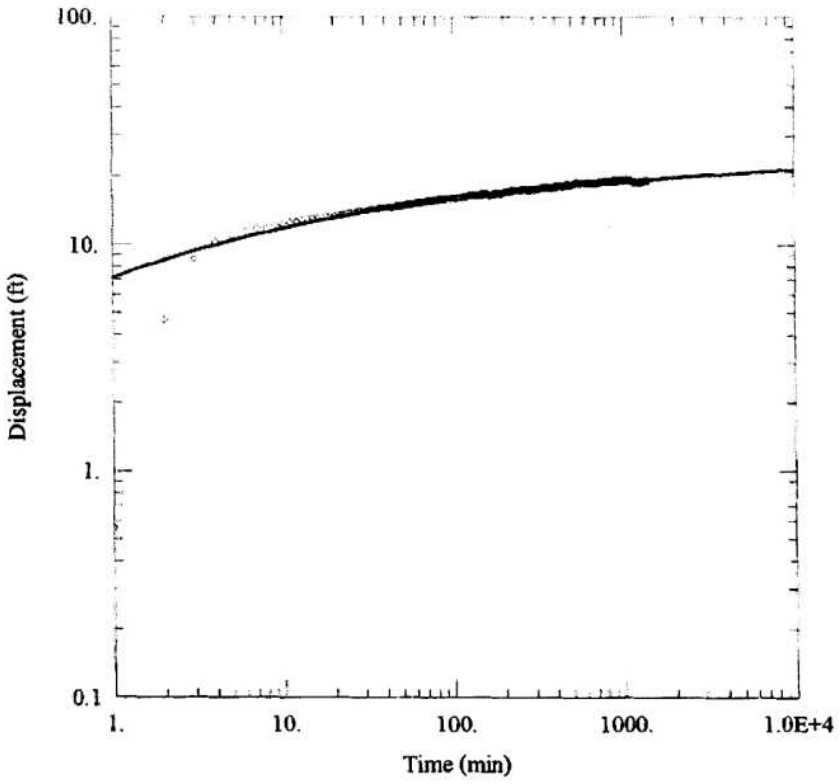
Well Name	X (ft)	Y (ft)
◦ PW 1	1	0

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 1198.1 gal/day/ft
S = 0.03517
Kz/Kr = 1.
b = 200. ft

57-48-911



RECOVERY AT PW-1

Data Set: C:\BGS\WellSpec\Frontera\pw-1recT.aqt
Date: 12/12/04 Time: 14:59:46

PROJECT INFORMATION

Company: The Wellspec Company
Client: W. Graner
Project: Frontera Subdivision
Location: Hays County
Test Well: PW-1
Test Date: November 10 - 12, 2004

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
PW 1	0	0

Observation Wells

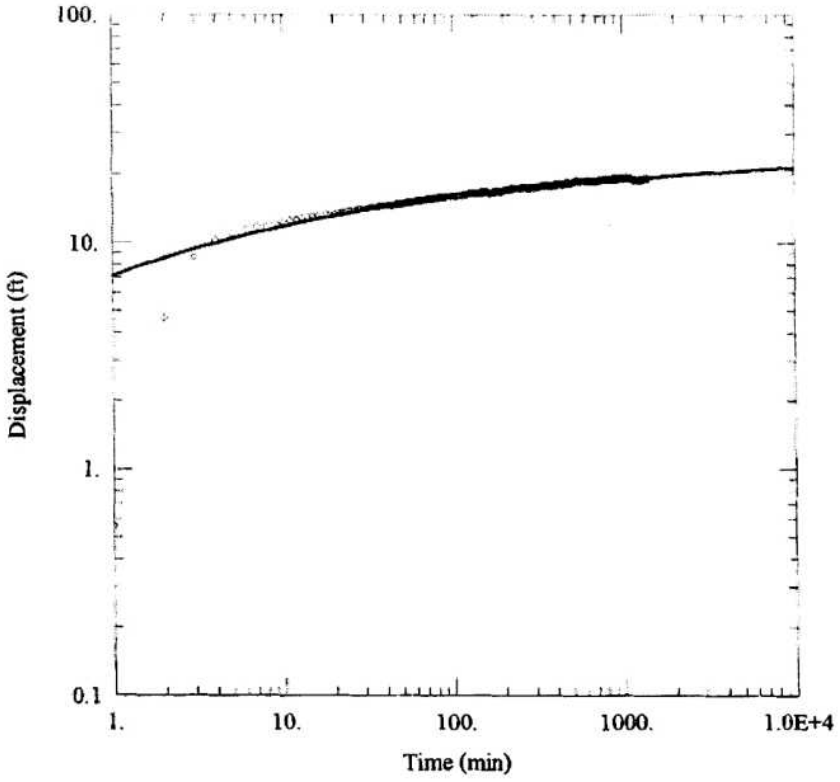
Well Name	X (ft)	Y (ft)
◦ PW 1	1	0

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 1316.2 gal/day/ft
S = 0.009572
Kz/Kr = 1.
b = 200. ft

574890



RECOVERY AT PW-1

Data Set: C:\BGS\WellSpec\Frontera\pw-1recT.aqt
Date: 12/12/04 Time: 14:59:46

PROJECT INFORMATION

Company: The Wellspec Company
Client: W. Graner
Project: Frontera Subdivision
Location: Hays County
Test Well: PW-1
Test Date: November 10 - 12, 2004

WELL DATA

Pumping Wells

Well Name	X (ft)	Y (ft)
PW 1	0	0

Observation Wells

Well Name	X (ft)	Y (ft)
◦ PW 1	1	0

SOLUTION

Aquifer Model: Confined
Solution Method: Theis

T = 1316.2 gal/day/ft
S = 0.009572
Kz/Kr = 1.
b = 200. ft

57489W

TABLE 2
SUMMARY OF PUMPING TEST RESULTS
Frontera Subdivision, Hays County, Texas

Well	Max. Drawdown at 11 gpm (feet)	TRANSMISSIVITY (T) (gallons/day/foot)		STORATIVITY (S) (unitless)	
		Estimate from Drawdown	Estimate from Recovery	Estimate from Drawdown	Estimate from Recovery
5748911 PW	20.2	1,200	1,300	0.04	0.01
OW	3.3	2,700	3,700	0.0004	0.0002

5748911

APP000776

TABLE 2
SUMMARY OF PUMPING TEST RESULTS
Frontera Subdivision, Hays County, Texas

Well	Max. Drawdown at 11 gpm (feet)	TRANSMISSIVITY (T) (gallons/day/foot)		STORATIVITY (S) (unitless)	
		Estimate from Drawdown	Estimate from Recovery	Estimate from Drawdown	Estimate from Recovery
5748911 PW	20.2	1,200	1,300	0.04	0.01
OW	3.3	2,700	3,700	0.0004	0.0002

5748911

TABLE 3 - GROUNDWATER CHEMISTRY
Frontera Subdivision, Hays County, Texas

CONSTITUENT	CONCENTRATION	COMMENTS
Alkalinity as $CACO_3$	207 mg/L	
Chloride	145 mg/L	
Fluoride	0.88 mg/L	USEPA SMCL = 2.0 mg/L
Nitrogen, Nitrate, and Nitrite	<0.02 mg/L	
Sulfate	904 mg/L	USEPA SMCL = 250 mg/L
Calcium	132 mg/L	
Magnesium	97.1 mg/L	
Sodium	257 mg/L	
Iron	<0.05 mg/L	
Potassium	15.6 mg/L	
Arsenic	<0.04 mg/L	USEPA MCL = 0.050 mg/L
Total Dissolved Solids	1,610 mg/L	TCEQ SMCL = 1,000 mg/L
Specific Conductance	2,320 uMhos/cm	
pH	7.56	
Total Coliform	Absent*	

Analyses performed by Lower Colorado River Authority Environmental Laboratory Services

USEPA = United States Environmental Protection Agency
TCEQ = Texas Commission for Environmental Quality
MCL = maximum Contaminant Level
SMCL = secondary maximum contaminant level
* Analysis performed by Texas Department of Health

57-48-911

TABLE 3 - GROUNDWATER CHEMISTRY
Frontera Subdivision, Hays County, Texas

CONSTITUENT	CONCENTRATION	COMMENTS
Alkalinity as $CACO_3$	207 mg/L	
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Magnesium	97.1 mg/L	
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Total Coliform	Absent*	

Analyses performed by Lower Colorado River Authority Environmental Laboratory Services

USEPA = United States Environmental Protection Agency
TCEQ = Texas Commission for Environmental Quality
MCL = maximum Contaminant Level
SMCL = secondary maximum contaminant level
* Analysis performed by Texas Department of Health

57-48-911

DEC-02-2004 20:28 P.01

Final Analysis Report

LCRA Environmental Laboratory Services Date: 29-Nov-04

CLIENT:	The Wellspec Company	Client Sample ID: Frontera FW 1	
Lab Order:	0411305	File No: 34393	
Project:	Frontera Ranch	Collection Date: 11/11/2004 11:30:00 AM	
Lab ID:	0411305-001	Matrix: GROUNDWATER	

Analyses	Result	PQL	Qual	Units	DF	Batch ID	Date Analyzed
ICP METALS		E200.7					Analyst: TH
Arsenic	ND	0.0400		mg/L	1		11/18/2004 7:08:15 PM
Calcium	134	0.200		mg/L	1		11/18/2004 7:08:15 PM
Iron	ND	0.0500		mg/L	1		11/18/2004 7:08:15 PM
Magnesium	97.1	0.200		mg/L	1		11/18/2004 7:08:15 PM
Potassium	15.6	0.200		mg/L	1		11/18/2004 7:08:15 PM
Sodium	257	0.600		mg/L	1		11/18/2004 7:08:15 PM
HARDNESS, TOTAL		M2340 B					Analyst: TH
Hardness, Calcium/Magnesium (As CaCO3)	729	1.52		mg/L	1		11/18/2004
BACTERIA		SM9223B					Analyst: CMM
Total Coliform	Present	0		P/A	1		11/11/2004 3:25:00 PM
ANIONS BY ION CHROMATOGRAPHY		E300					Analyst: AMJ
Chloride	145	20.0		mg/L	20		11/19/2004 5:34:00 PM
Fluoride	0.88	0.01		mg/L	1		11/11/2004 6:29:00 PM
Nitrogen, Nitrate & Nitrite	ND	0.02		mg/L	1		11/11/2004 6:29:00 PM
Sulfate	304	20.0		mg/L	20		11/19/2004 5:34:00 PM
ALKALINITY		M2320 B					Analyst: CMM
Alkalinity, Total (As CaCO3)	207	2		mg/L CaCO3	1		11/22/2004
CONDUCTANCE		E120.1					Analyst: JT
Specific Conductance @ 25°C	2220	0		umhos/cm	1		11/23/2004
PH		E150.1					Analyst: LG
pH @ 25°C	7.66	0		pH units	1		11/12/2004
TOTAL DISSOLVED SOLIDS		E160.1					Analyst: JT
Total Dissolved Solids (Residue, Filterable)	1660	5.00		mg/L	1		11/18/2004

Qualifiers:
- * Value exceeds Maximum Contaminant Level
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- H Holding times for preparation or analysis exceeded
- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Page 1 of 1

574811

DEC-02-2004 20:28 P.01

Final Analysis Report

LCRA Environmental Laboratory Services Date: 29-Nov-04

CLIENT:	The Wellspec Company	Client Sample ID: Frontera FW 1	
Lab Order:	0411305	File No: 54393	
Project:	Frontera Ranch	Collection Date: 11/11/2004 11:30:00 AM	
Lab ID:	0411305-001	Matrix: GROUNDWATER	

Analyses	Result	PQL	Qual	Units	DF	Batch ID	Date Analyzed
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Iron	ND	0.0500		mg/L	1		11/18/2004 7:08:15 PM
Magnesium	97.1	0.200		mg/L	1		11/18/2004 7:08:15 PM
Potassium	15.6	0.200		mg/L	1		11/18/2004 7:08:15 PM
Sodium	257	0.600		mg/L	1		11/18/2004 7:08:15 PM
HARDNESS, TOTAL		M2340 B					Analyst: TH
Hardness, Calcium/Magnesium (As CaCO3)	729	1.62		mg/L	1		11/18/2004
BACTERIA		SM9221B					Analyst: CMM
Total Coliform	Present	0		P/A	1		11/11/2004 3:25:00 PM
ANIONS BY ION CHROMATOGRAPHY		E300					Analyst: AMJ
Chloride	145	20.0		mg/L	20		11/19/2004 5:34:00 PM
Fluoride	0.88	0.01		mg/L	1		11/11/2004 6:29:00 PM
Nitrogen, Nitrate & Nitrite	ND	0.02		mg/L	1		11/11/2004 6:29:00 PM
Sulfate	304	20.0		mg/L	20		11/19/2004 5:34:00 PM
ALKALINITY		M2320 B					Analyst: CMM
Alkalinity, Total (As CaCO3)	207	2		mg/L CaCO3	1		11/22/2004
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Specific Conductance @ 25°C	2220	0		umhos/cm	1		11/23/2004
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Qualifiers:
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- J Analyte detected below quantitation limits
- ND Not Detected at the Reporting Limit
- S Spike Recovery outside accepted recovery limits

Page 1 of 1

574911

Hays - Jennings
GWCD
April 25, 2005

WATER AVAILABILITY INVESTIGATION
FRONTERA SUBDIVISION
HAYS COUNTY, TEXAS

December 2004

Prepared for:

Graner Associates, Inc.

Austin, Texas 78620

Prepared by:

The Wellspec Company
P.O. Box 1156
Dripping Springs, Texas 78620

and,

BOND GEOLOGICAL SERVICES
1501 N. Rainbow Ranch Rd.
Wimberley, Texas 78676

#20 - BSAGD
Report Submitted

Frontera-04.pdf

57-48-911

Hays - Jennings
GWCD
April 25, 2005

WATER AVAILABILITY INVESTIGATION
FRONTERA SUBDIVISION
HAYS COUNTY, TEXAS

December 2004

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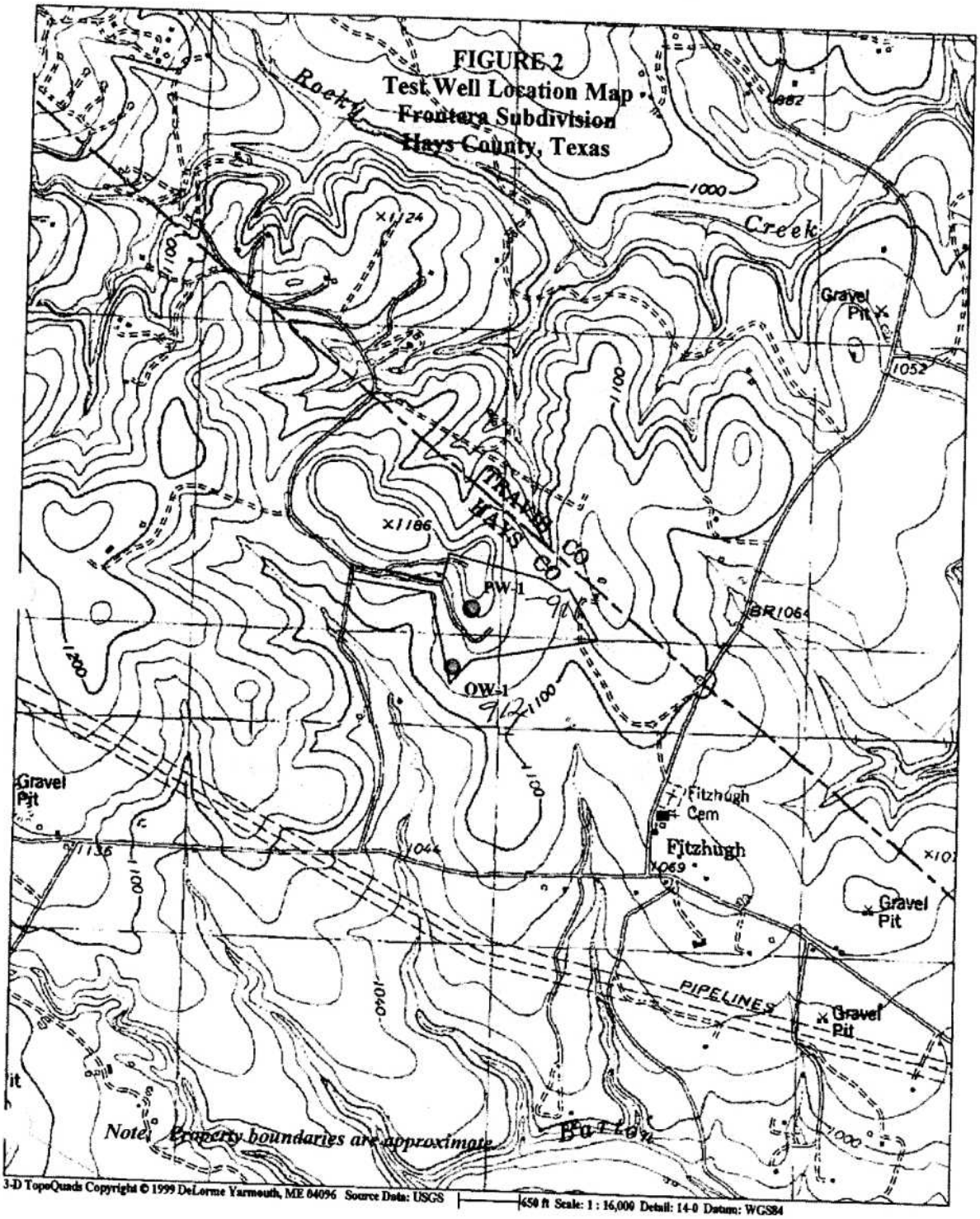
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Wimberley, Texas 78676

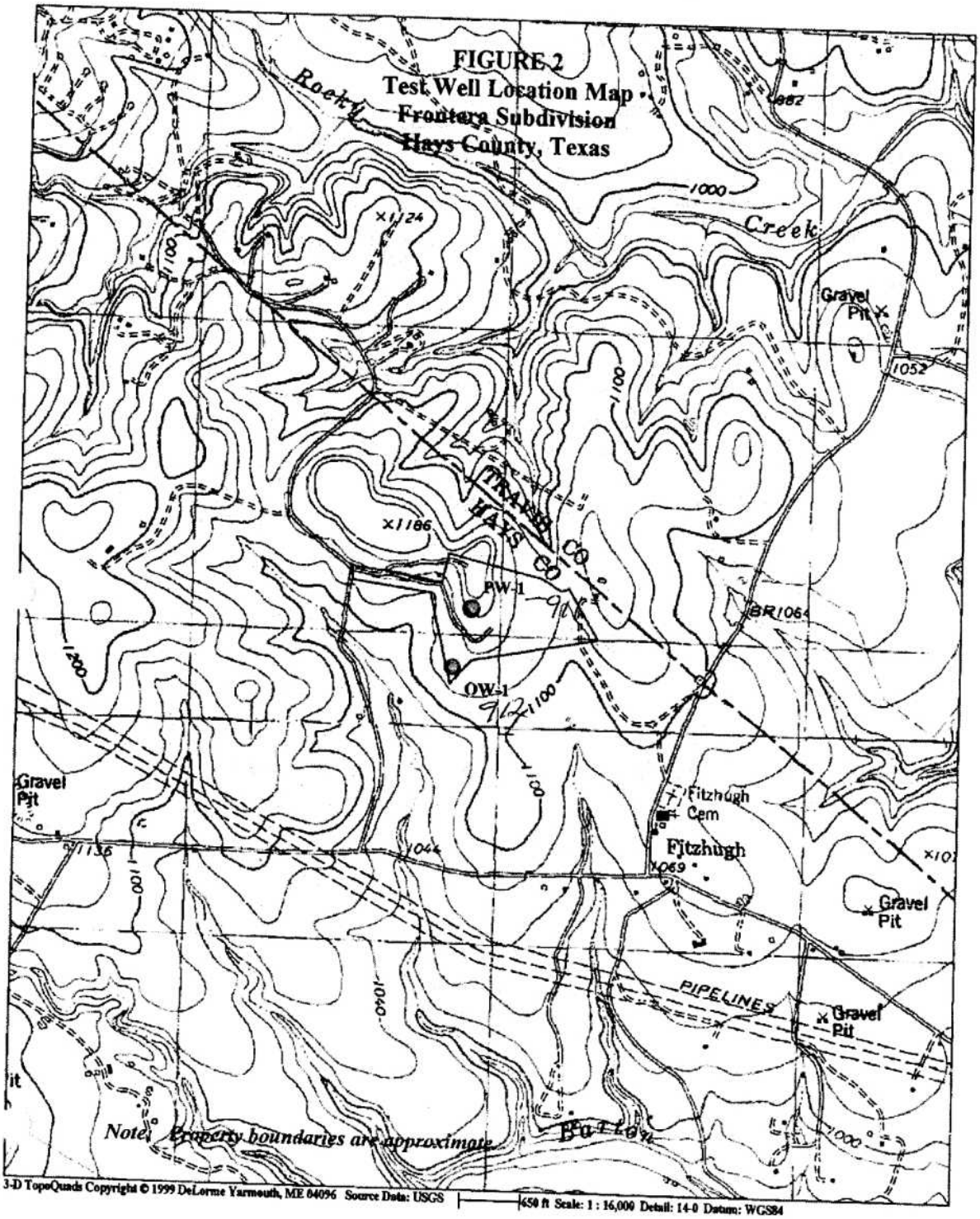
#20 - BSEACD
Report Collection

Frontera-04.pdf

57-48-911


FIGURE 2
Test Well Location Map
Frontera Subdivision
Hays County, Texas
Roehl
Creek
Gravel Pit
HAYS CO
PW-1
OW-1
BR1064
Fitzhugh Cem
Fitzhugh
PIPELINES
Note: Property boundaries are approximate
3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS
650 ft Scale: 1 : 16,000 Detail: 14-0 Datum: WGS84

57-48-911, 912


FIGURE 2
Test Well Location Map
Frontera Subdivision
Hays County, Texas
Roehl
Creek
Gravel Pit
HAYS CO
TRAVIS CO
PW-1
OW-1
BR1064
Fitzhugh Cem
Fitzhugh
PIPELINES
Gravel Pit
Note: Property boundaries are approximate
3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS
650 ft Scale: 1 : 16,000 Detail: 14-0 Datum: WGS84

57-48-911, 912

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
35	2 of 2	NW	0.67 / 3,522.73	WALT GRANER 11951 BONHAM RANCH RD. DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 49944
Date Submitted: 2004-12-14
Owner Name: WALT GRANER
Owner Address: 3006 BEE CAVES RD. B 160
Owner Address2:
Owner City: AUSTIN
Owner State: TX
Owner Zip: 78746
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.253889
Longitude: -98.034722
Drilling Date Started: 2004-11-05
Drilling Date Completed: 2004-11-06
Chemical Analysis: No
Company Name: BEE CAVE DRILLING, INC.
Company Address: 185 ANGELFIRE DR.
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=49944&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 770.0

Top Depth: 30
Bottom Depth: 770

Top Depth: 0
Bottom Depth: 30

Well Levels

Measurement: 505
Measurement Date: 2004-11-08

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
36	1 of 1	WNW	0.67 / 3,531.44	MARCELINO ACOSTA 12027 Bonham Ranch Rd Lot 21 Dripping Springs TX 78620	SDRW WELLS

Track NO: 60083
Date Submitted: 2005-06-01
Owner Name: MARCELINO ACOSTA
Owner Address: 7107 Westgate Blvd.
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78745
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.243056
Longitude: -98.035556
Drilling Date Started: 2005-04-18
Drilling Date Completed: 2005-04-18
Chemical Analysis: No
Company Name: Western Water Wells
Company Address: 500 Southland Drive
CompanyAddress2:
Company City: Burnet
Company State: TX
Company Zip: 78611
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=60083&Type=SDR-Well

Well Borehole Information

Top Depth: 30
Bottom Depth: 750

Top Depth:
Bottom Depth: 750.0

Top Depth: 0
Bottom Depth: 30

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
37	1 of 1	WSW	0.67 / 3,543.56	JOHN HALL TX	TCEQ WELL LOGS

Grid No:	58-49-2
Date Drilled:	07/08/1999
Owners Name:	JOHN HALL
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	NOT REPORTED
Depth Drilled:	630
Latitude:	30.242335
Longitude:	-98.036966

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** HALL, JOHN (Name) **ADDRESS** P. O. BOX 129 (Street or RFD) MANCHACA, (City) TX. (State) 78652-0129 (Zip)

2) **ADDRESS OF WELL:** County HAYS 12304 TRIPLE CR. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip) GRID # 58-49-2

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 13.67 W 097° 56.64 N

6) WELL LOG: Date Drilling: Started 07-08- 19 99 Completed 07-08- 19 99

DIAMETER OF HOLE		
Dia.. (in.)	From (ft.)	To (ft.)
8 3/4"	Surface	12'
6"	12'	630'

7) DRILLING METHOD (Check): ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other ☐ Driven

From (ft.)	To (ft.)	Description and color of formation material
0	1	LEDGEROCK
1	18	CALICHE
18	26	BLUE
26	580	GRAY
580	585	GRAY W/CLAY
585	625	GRAY W/TAN
625	630	HAMMID CLAY

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ft. to ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5 OD	N	PVC PLASTIC	0	630	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 30 ft. No. of sacks used 5
ft. to ft. No. of sacks used
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance WELL DRILLED FIRST

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ft. below land surface Date
Artesian flow gpm Date

12) PACKERS:

	Type	Depth
3	BURLAP & PLASTIC	30', 490', 510'

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

14) WELL TESTS: Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 30-35 gpm with ft. drawdown after hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? GLENROSE Depth of strata 35
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) **WELL DRILLER'S LICENSE NO.** #4227

ADDRESS 2520 HWY. 290 WEST (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) Aaron Glass (Licensed Well Driller) ID **(Signed)** (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94)

DRILLERS COPY

TNRCC COPY

APR 03 2000

COMMENT

OWNERS COPY

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

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2) **ADDRESS OF WELL:** County HAYS 12304 TRIPLE CR. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip) GRID # 58-49-2

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 13.67 W 097° 56.64 N

6) WELL LOG: Date Drilling: Started 07-08- 19 99 Completed 07-08- 19 99

DIAMETER OF HOLE		
Dia.. (in.)	From (ft.)	To (ft.)
8 3/4"	Surface	12'
6"	12'	630'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	1	LEDGEROCK
1	18	CALICHE
18	26	BLUE
26	580	GRAY
580	585	GRAY W/CLAY
585	625	GRAY W/TAN
625	630	HAMMID CLAY

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ft. to ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5 OD	N	PVC PLASTIC	0	630	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 30 ft. No. of sacks used 5
ft. to ft. No. of sacks used
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance WELL DRILLED FIRST

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ft. below land surface Date
Artesian flow gpm Date

12) PACKERS:

	Type	Depth
3	BURLAP & PLASTIC	30', 490', 510'

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

14) WELL TESTS: Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 30-35 gpm with ft. drawdown after hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? GLENROSE Depth of strata 35
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) **WELL DRILLER'S LICENSE NO.** #4227

ADDRESS 2520 HWY. 290 WEST (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) Aaron Glass (Licensed Well Driller) ID **(Signed)** (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) DRILLERS COPY TNRCC COPY OWNERS COPY

MP # APR 03 2000 COMMENT

APP000790

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
38	1 of 1	SSE	0.68 / 3,570.60	Ali Arabzadegan 12720 Pauls Valley Road Austin TX 78737	SDRW WELLS

Track NO: 83045
Date Submitted: 2006-05-17
Owner Name: Ali Arabzadegan
Owner Address: 12720 Pauls Valley Road
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78737
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.233611
Longitude: -98.0175
Drilling Date Started: 2006-05-08
Drilling Date Completed: 2006-05-10
Chemical Analysis: No
Company Name: Associated Drilling Co.
Company Address: P.O. Box 1060
CompanyAddress2:
Company City: Manchaca
Company State: TX
Company Zip: 78652
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=83045&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 700.0

Top Depth: 20
Bottom Depth: 700

Top Depth: 0
Bottom Depth: 20

Well Levels

Measurement: 280
Measurement Date: 2006-05-15

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
39	1 of 1	W	0.68 / 3,581.59	CSME DEVELOPMENT 12155 BONHAM RANCH RD. DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 116073
Date Submitted: 2007-07-05
Owner Name: CSME DEVELOPMENT
Owner Address: P. O. BOX 100
Owner Address2:
Owner City: DRIFTWOOD
Owner State: TX
Owner Zip: 78619
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.247222
Longitude: -98.038056
Drilling Date Started: 2007-05-04
Drilling Date Completed: 2007-05-04
Chemical Analysis: No
Company Name: CENTRAL TEXAS DRILLING, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=116073&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 690.0

Top Depth: 0
Bottom Depth: 50

Top Depth: 50
Bottom Depth: 690

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
40	1 of 1	ESE	0.69 / 3,626.65	Lesco Corp TX	GWDB

Well Rep Track No:	
State Well NO:	5756301
Owner Name:	Lesco Corp
Drilling Start Dt:	
Drilling Month:	2
Drilling Day:	22
Drilling Year:	1972
Well Depth:	420
Well Usage:	Unused
Water Level Status:	
Latitude:	30.2419450
Longitude:	-98.0088890
Data Source:	Groundwater Database (GWDB) Reports; GIS shapefile of GWDB well locations
Well Info Report:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetReports.aspx?Num=5756301&Type=GWDB
Document Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetScannedImage.aspx?Num=5756301&Cnty=Travis

TEXAS WATER DEVELOPMENT BOARD

WELL SCHEDULE

Aquifer Kpk Kbu + Kgru Field No. State Well No. 57-56-301

Owner's Well No. County Travis

1. Location: 1/4, 1/4 Sec., Block, Survey

2. Owner: Texas Corp. Address: 9325 Burnet Rd., Austin

Tenant: Paint military installation Address:

Driller: W.H. Glass Address: 2408 Manor Rd., Austin 78723

3. Elevation of LSD is 940 ft. above msl, determined by Topo

4. Drilled: 2-22 1972, Dug, (Cable Tool), Rotary,

5. Depth: Rept. ft. Meas. 420 ft.

6. Completion: (Open Hole), Straight Wall, Underreamed, Gravel Packed

7. Pump: Mfgr. Type

No. Stages, Bowls Diam. in., Setting ft.

Column Diam. in., Length Tailpipe ft.

8. Motor: Fuel Make & Model HP.

9. Yield: Flow gpm, Pump gpm, Meas., Rept., Est.

10. Performance Test: Date Length of Test ½ hr. Made by

Static Level ft. Pumping Level ft. Drawdown 100 ft.

Production 8 gpm Specific Capacity gpm/ft.

CASING & BLANK PIPE
Cemented From 0 ft. to 6 ft.

Diam. (in.)	Type	Setting, ft. from	to
7	Steel	0	6

11. Water Level: 179 ft. (rept.) meas. 2-22 1972 above below surface, which is ft. above below surface.

100.5 ft. rept. meas. 5-22 1972 above below Top casing, which is 0.4 ft. above below surface.

108.9 ft. rept. meas. 6-29 1973 above below surface, which is ft. above below surface.

ft. rept. meas. 19 above below surface, which is ft. above below surface.

12. Use: (Dom.) Stock, Public Supply, Ind., Irr., Waterflooding, Observation, (Not Used),

13. Quality: (Remarks on taste, odor, color, etc.)

Temp. 72 °F, Date sampled for analysis 5-22-72 Laboratory SHD

Temp. °F, Date sampled for analysis Laboratory

Temp. °F, Date sampled for analysis Laboratory

14. Other data available as circled: Driller's Log, Radioactivity Log, Electric Log, Formation Samples, Pumping Test

15. Record by: G. Brown Date 5-12 1972

Source of Data W.W. Reports

16. Remarks:

Good observation well

WELL SCREEN
Screen Openings

Diam. (in.)	Type	Setting, ft. from	to
6¼	Open hole	6	420

57-56-301

TWDBE-WO-2

(Sketch)

TEXAS WATER DEVELOPMENT BOARD

WELL SCHEDULE

Aquifer Kpk Kbu + Kgru Field No. State Well No. 57-56-301

Owner's Well No. County Travis

1. Location: 1/4, 1/4 Sec., Block, Survey

2. Owner: Texas Corp. Address: 9325 Burnet Rd., Austin

Tenant: Paint painting installation Address:

Driller: W.H. Glass Address: 2408 Manor Rd., Austin 78723

3. Elevation of LSD is 940 ft. above msl, determined by Topo

4. Drilled: 2-22 1972, Dug, (Cable Tool), Rotary,

5. Depth: Rept. ft. Meas. 420 ft.

6. Completion: (Open Hole), Straight Wall, Underreamed, Gravel Packed

7. Pump: Mfgr. Type

No. Stages, Bowls Diam. in., Setting ft.

Column Diam. in., Length Tailpipe ft.

8. Motor: Fuel Make & Model HP.

9. Yield: Flow gpm, Pump gpm, Meas., Rept., Est.

10. Performance Test: Date Length of Test ½ hr. Made by

Static Level ft. Pumping Level ft. Drawdown 100 ft.

Production 8 gpm Specific Capacity gpm/ft.

CASING & BLANK PIPE
Cemented From 0 ft. to 6 ft.

Diam. (in.)	Type	Setting, ft. from	to
7	Steel	0	6

11. Water Level: 179 ft. (rept.) meas. 2-22 1972 above below surface, which is ft. above below surface.

100.5 ft. rept. meas. 5-22 1972 above below Top casing, which is 0.4 ft. above below surface.

108.9 ft. rept. meas. 6-29 1973 above below surface, which is ft. above below surface.

ft. rept. meas. 19 above below surface, which is ft. above below surface.

12. Use: (Dom.) Stock, Public Supply, Ind., Irr., Waterflooding, Observation, (Not Used),

13. Quality: (Remarks on taste, odor, color, etc.)

Temp. 72 °F, Date sampled for analysis 5-22-72 Laboratory SHD

Temp. °F, Date sampled for analysis Laboratory

Temp. °F, Date sampled for analysis Laboratory

WELL SCREEN
Screen Openings

Diam. (in.)	Type	Setting, ft. from	to
6¼	Open hole	6	420

14. Other data available as circled: Driller's Log, Radioactivity Log, Electric Log, Formation Samples, Pumping Test

15. Record by: G. Brown Date 5-12 1972

Source of Data W.W. Reports

16. Remarks:

Good observation well

57-56-301

TWDBE-WO-2

(Sketch)

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No.
Located on map
Received:

1) OWNER:
Person having well drilled: Lesco Corp. (Name) Address: 9325 Burnet Rd (Street or RFD) Austin (City) Tx (State)
Landowner: Lesco Corp. Jim Sinclair (Name) Address: Above (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County: Travis 21 miles in W. (N.E., S.W., etc.) direction from Austin (Town) Texas

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*
(Map reverse side) North
(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.
Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic ✓ Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary Driven Dug
Cable ✓ Jetted Bored

6) WELL LOG:
Diameter of hole 6 1/4 in. Depth drilled 420 ft. Depth of completed well 420 ft. Date drilled 2-22-74
All measurements made from top - 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	4	Surface
4	16	Yellow Rock
16	136	Gray Lime
136	138	Soap Stone
138	214	Gray Lime
214	225	Water Sand
225	310	White Lime
310	407	Gray Lime
407	410	Soap Stone
410	420	Gray Lime

(Use reverse side if necessary)

9) Casing:
Type: Old ✓ New Steel ✓ Plastic Other
Cemented from top - ft. to 6 ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
T.O.B.	1ft. Above	- 6ft.	

10) SCREEN:
Type _____
Perforated Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 170 ft. below land surface Date 2-22-74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test 8 gpm with 100 ft. drawdown after 1/2 hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No ✓
Type of water? Good depth of strata 11 ft.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME W. H. Glass (Type or Print) Water Well Drillers Registration No. 91
ADDRESS 2408 Manor Rd. (Street or RFD) Austin (City) Texas (State) 78722
(Signed) W. H. Glass (Water Well Driller) W. Hugh Glass & Sons (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available. YD57-56-301

*Additional instructions on reverse side.

TWDBE-CW-53

Send original copy by certified mail to the Texas Water Development Board P. O. Box 12386 Austin, Texas 78711

State of Texas

WATER WELL REPORT

For TWDB use only
Well No.
Located on map
Received:

1) OWNER:
Person having well drilled: Lesco Corp. (Name) Address: 9325 Burnett Rd (Street or RFD) Austin (City) Tx (State)
Landowner: Lesco Corp. Jim Sinclair (Name) Address: Above (Street or RFD) (City) (State)

2) LOCATION OF WELL:
County: Travis 21 miles in W. (N.E., S.W., etc.) direction from Austin (Town) Texas

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*
(Map reverse side) North
(Use reverse side if necessary)

or Give legal location with distances and directions from adjacent sections or survey lines.
Labor _____ League _____
Block _____ Survey _____
Abstract No. _____
(NW¼ NE¼ SW¼ SE¼) of Section _____

3) TYPE OF WORK (Check):
New Well ✓ Deepening
Reconditioning Plugging

4) PROPOSED USE (Check):
Domestic ✓ Industrial Municipal
Irrigation Test Well Other

5) TYPE OF WELL (Check):
Rotary Driven Dug
Cable ✓ Jetted Bored

6) WELL LOG:
Diameter of hole 6 1/4 in. Depth drilled 420 ft. Depth of completed well 420 ft. Date drilled 2-22-74
All measurements made from top - 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	4	Surface
4	16	Yellow Rock
16	136	Gray Lime
136	138	Soap Stone
138	214	Gray Lime
214	225	Water Sand
225	310	White Lime
310	407	Gray Lime
407	410	Soap Stone
410	420	Gray Lime

(Use reverse side if necessary)

9) Casing:
Type: Old ✓ New Steel ✓ Plastic Other
Cemented from top - ft. to 6 ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
7 O.D.	1 ft. Above	- 6 ft.	

10) SCREEN:
Type _____
Perforated Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size

7) COMPLETION (Check):
Straight wall ✓ Gravel packed Other
Under reamed Open Hole

8) WATER LEVEL:
Static level 170 ft. below land surface Date 2-22-74
Artesian pressure _____ lbs. per square inch Date _____
Depth to pump bowls, cylinder, jet, etc., _____ ft. below land surface.

11) WELL TESTS:
Was a pump test made? Yes No ✓ If yes, by whom?
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test 8 gpm with 100 ft. drawdown after 1/2 hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No ✓
Did any strata contain undesirable water? Yes No ✓
Type of water? Good depth of strata 11 ft.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief.

NAME W. H. Glass (Type or Print) Water Well Drillers Registration No. 91
ADDRESS 2408 Manor Rd. (Street or RFD) Austin (City) Texas (State) 78722
(Signed) W. H. Glass (Water Well Driller) W. Hugh Glass & Sons (Company Name)

Please attach electric log, chemical analysis, and other pertinent information, if available. YD57-56-301

*Additional instructions on reverse side.

TWDBE-CW-53

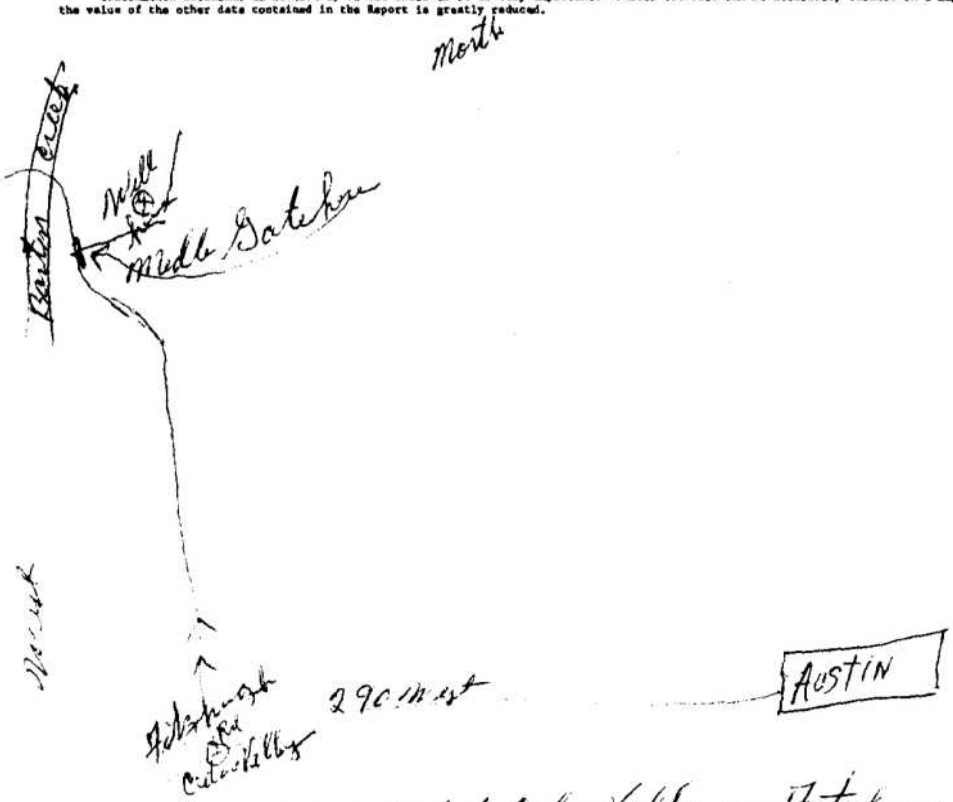
2)LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area, e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.



Turn out 290 West to Cedar Valley or Fitzhugh Rd. turn Right go about 3/4 miles to Barton creek. about 1/4 mi before you get to Barton creek. turn Right through middle gate

58-56-30

57-56-301

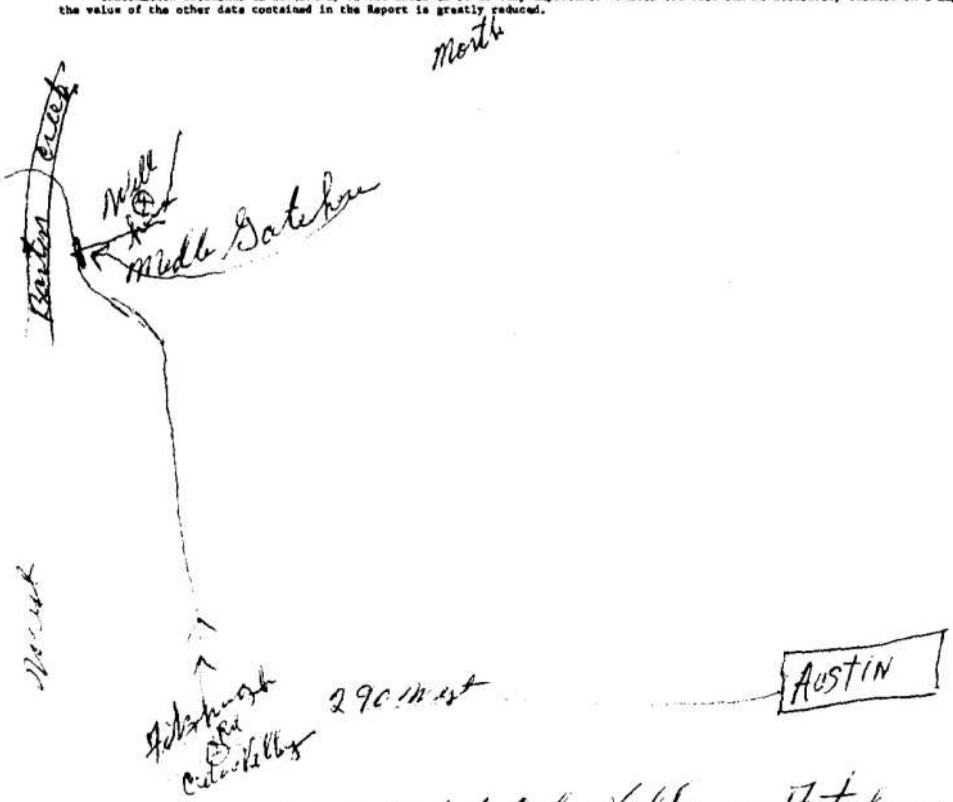
2)LOCATION OF WELL:

The sketch showing the well location must be as accurate as possible, showing landmarks, in sufficient detail so that the well may be plotted on a General Highway Map of the county in which the well is located.

Reference points from which distances are measured and directions given should be of a permanent nature (e.g. highway intersections, center of towns, river and creek bridges, railroad crossings). The distance and direction from the nearest town should always be indicated.

When giving a legal description include a sketch showing location of the well within the described area, e.g. survey abstract.

Information furnished in Section 2) of the TWDBE-GW-53 is very important. Unless the well can be accurately located on a map the value of the other data contained in the Report is greatly reduced.



Turn out 290 West to Cedar Valley or Fitzhugh Rd. turn Right go about 3/4 miles to Barton creek. about 1/4 mi before you get to Barton creek. turn Right through middle gate

58-56-30

57-56-301

TWDBE-GW ONLY

Well No. 110

Proj. No.

CHEMICAL WATER ANALYSIS REPORT

Typewrite (Black ribbon) or Print Plainly
(soft pencil or black ink)
Do not use ball point pen

Texas State Department of Health Laboratories
1100 West 49th Street
Austin 5, Texas

Send report to:

Ground Water Division
Texas Water Development Board
P.O. Box 13087
Austin, Texas 78711

County Travis

State Well No. 57 - 56 - 301

Well No.

Date Collected May 22, 1972

By G. Brand

Location

Source (type of well) Owner Texas Corp.

Date Drilled Depth ft. WLF

Producing intervals Water level ft.

Sampled after pumping hrs. Yield GPM meas. est. Temperature °F °C

Point of collection Appearance clear - turbid - colored

Use Remarks

FOR LABORATORY USE ONLY

CHEMICAL ANALYSIS

KEY PUNCHED

Laboratory No. 230619 Date Received MAY 30 1972 Date Reported JUN. - 9. 1972

	MG/L	ME/L		MG/L	ME/L
Silica	4		Carbonate		0
Calcium	309	15.44	Bicarbonate 145	295	4.84
Magnesium	206	16.96	Sulfate	1330	27.72
Sodium	45	1.94	Chloride	42	1.17
	Total	34.34	Fluoride	3.1	0.16
☐ Potassium			Nitrate	<0.4	[redacted]
☐ Manganese		Na		pH 7.8	Total 33.89
☐ Boron		SAR		1/Dissolved Solids (sum)	2080
☐ Total Iron		RSC		Phenolphthalein Alkalinity as C sCO_3	0
☐ (other)				Total Alkalinity as C sCO_3 (4.84)	242
Specific Conductance (micromhos/cm3)	2300			Total Hardness as C sCO_3 (32.40)	1620
Diluted Conductance (micromhos/cm3)	36 x 110				
"☐" items will be analyzed if checked.	3960			Analyst	
Total Iron requires separate sample.				Checked by	

1/ The bicarbonate reported in this analysis is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.

TWDBE-GW-50

TWDBE-GW ONLY

Sta No. 110

Proj. No.

CHEMICAL WATER ANALYSIS REPORT

Typewrite (Black ribbon) or Print Plainly
(soft pencil or black ink)
Do not use ball point pen

Texas State Department of Health Laboratories
1100 West 49th Street
Austin 5, Texas

Send report to:

Ground Water Division
Texas Water Development Board
P.O. Box 13087
Austin, Texas 78711

County Travis

State Well No. 57 - 56 - 301

Well No.

Date Collected May 22, 1972

By G. Brand

Location

Source (type of well) Owner Texas Corp.

Date Drilled Depth ft. WLF

Producing intervals Water level ft.

Sampled after pumping hrs. Yield GPM meas. est. Temperature °F °C

Point of collection Appearance clear - turbid - colored

Use Remarks

FOR LABORATORY USE ONLY

CHEMICAL ANALYSIS

KEY PUNCHED

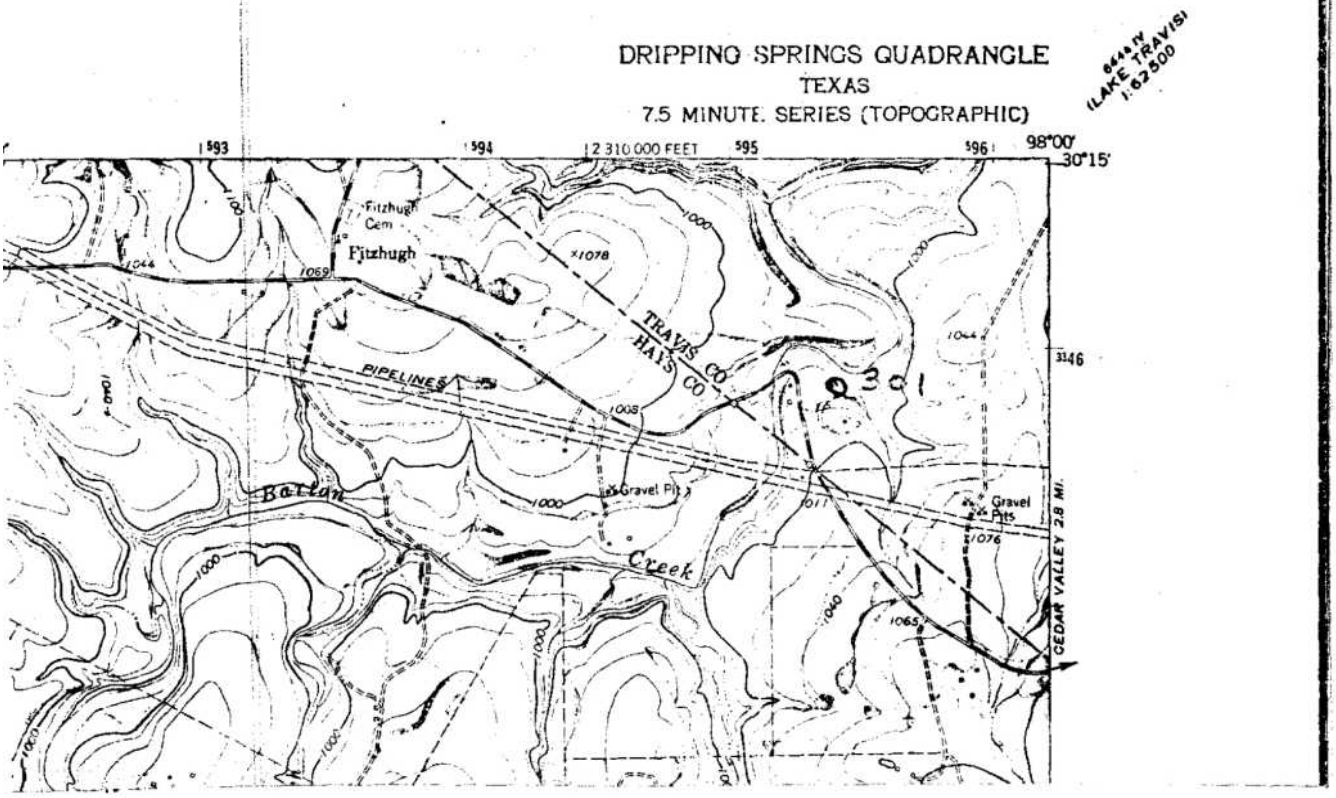
Laboratory No. 230619 Date Received MAY 30 1972 Date Reported JUN. - 9. 1972

	MG/L	ME/L		MG/L	ME/L
Silica	4		Carbonate		0
Calcium	309	15.44	Bicarbonate 145	295	4.84
Magnesium	206	16.96	Sulfate	1330	27.72
Sodium	45	1.94	Chloride	42	1.17
	Total	34.34	Fluoride	3.1	0.16
☐ Potassium			Nitrate	<0.4	[redacted]
☐ Manganese		ppm	pH 7.8	Total	33.89
☐ Boron		SAR	1/ Dissolved Solids (sum)		2080
☐ Total Iron		RSC	Phenolphthalein Alkalinity as C sCO_3		0
☐ (other)			Total Alkalinity as C sCO_3 (4.84)		242
Specific Conductance (micromhos/cm3)		2300	Total Hardness as C sCO_3 (32.40)		1620
Diluted Conductance (micromhos/cm3)		36 x 110			
"☐" items will be analyzed if checked.		3960	Analyst		
Total Iron requires separate sample.			Checked by		

1/ The bicarbonate reported in this analysis is converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure is used in the computation of this sum.

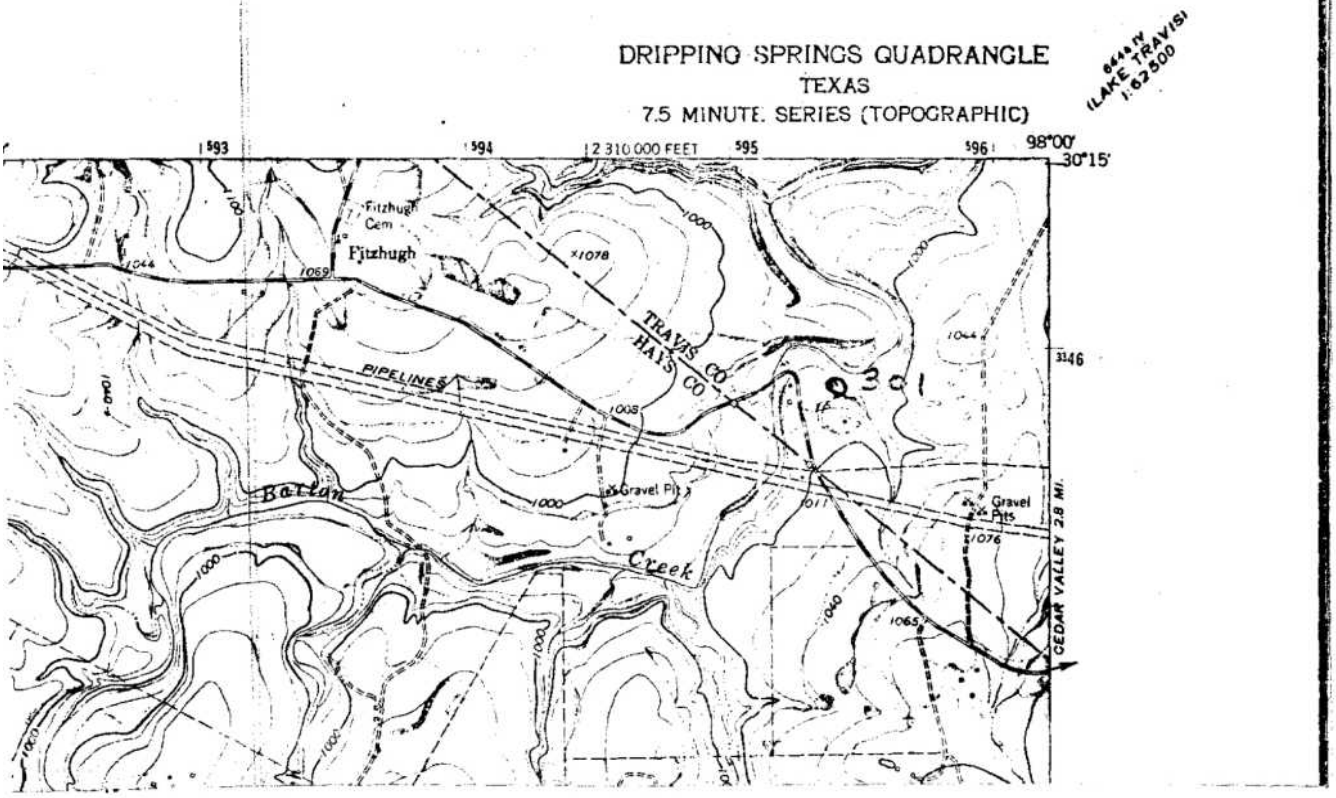
TWDBE-GW-50

From (ft.)	To (ft.)	Description and color of formation material
0	4	Surface
4	16	Yellow Rock
16	136	Gray Lime
136	138	Soap Stone
138	214	Gray Lime
214	225	Water Sand
225	310	White Lime
310	407	Gray Lime
407	410	Soap Stone
410	420	Gray Lime



57-56-301

From (ft.)	To (ft.)	Description and color of formation material
0	4	Surface
4	16	Yellow Rock
16	136	Gray Lime
136	138	Soap Stone
138	214	Gray Lime
214	225	Water Sand
225	310	White Lime
310	407	Gray Lime
407	410	Soap Stone
410	420	Gray Lime



57-56-301

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
41	1 of 1	WSW	0.70 / 3,685.13	MIKE CULLENDER/ENDRES JOB 12417 TRIPLE CREEK DRIVE DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 428112
Date Submitted: 2016-07-28
Owner Name: MIKE CULLENDER/ENDRES JOB
Owner Address: 12417 TRIPLE CREEK DRIVE
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.2401
Longitude: -98.03565
Drilling Date Started: 2016-05-24
Drilling Date Completed: 2016-05-24
Chemical Analysis: No
Company Name: CENTEX PUMP & SUPPLY, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=428112&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 770.0

Top Depth: 0
Bottom Depth: 50

Top Depth: 50
Bottom Depth: 770

Well Levels

Measurement: 465
Measurement Date: 2016-05-24

Well Strata

Water Type:

LOWER TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
42	1 of 1	SSW	0.72 / 3,783.45	Sean Murphy 12288 Trautwein Rd. Austin TX 78737	SDRW WELLS

Track NO: 603538
Date Submitted: 2022-04-26
Owner Name: Sean Murphy
Owner Address: 1101 West 34th St.
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78705
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.233333
Longitude: -98.025833
Drilling Date Started: 2022-03-29
Drilling Date Completed: 2022-03-29
Chemical Analysis: No
Company Name: Centex Pump & Supply, Inc.
Company Address: 2520 Hwy. 290 West
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=603538&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 730.0

Top Depth: 0
Bottom Depth: 100

Top Depth: 100
Bottom Depth: 730

Well Levels

Measurement: 459
Measurement Date: 2022-04-02

Well Strata

Water Type:

Lower Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
43	1 of 2	ESE	0.72 / 3,806.28	Jim Spry 14105 Fizhugh Road Austin TX 78736	SDRW WELLS

Track NO: 541565
Date Submitted: 2020-04-23
Owner Name: Jim Spry
Owner Address: 14105 Fizhugh Road
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78736
County: Travis
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.241883
Longitude: -98.010467
Drilling Date Started: 2020-03-25
Drilling Date Completed: 2020-03-25
Chemical Analysis: No
Company Name: Associated Drilling Inc
Company Address: PO Box 673
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=541565&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 710.0

Top Depth: 0
Bottom Depth: 50

Top Depth: 50
Bottom Depth: 710

Well Levels

Measurement: 308
Measurement Date: 2020-03-25

Well Strata

Water Type:

Hosston Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
43	2 of 2	ESE	0.72 / 3,806.28	Joe Terry 14101 Fitzhugh Rd. Austin TX 78737	SDRW WELLS

Track NO: 377567
Date Submitted: 2014-10-10
Owner Name: Joe Terry
Owner Address: 14101 Fitzhugh Rd.
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78737
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.237222
Longitude: -98.010834
Drilling Date Started: 2014-08-20
Drilling Date Completed: 2014-08-20
Chemical Analysis: No
Company Name: Associated Drilling Inc.
Company Address: PO Box 673
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=377567&Type=SDR-Well

Well Borehole Information

Top Depth: 50
Bottom Depth: 725

Top Depth:
Bottom Depth: 725.0

Top Depth: 0
Bottom Depth: 50

Well Levels

Measurement: 462
Measurement Date: 2014-08-20

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
44	1 of 1	S	0.73 / 3,839.03	Sean Murphy 12290 Trautwein Rd. Austin TX 78737	SDRW WELLS

Track NO: 603541
Date Submitted: 2022-04-26
Owner Name: Sean Murphy
Owner Address: 1101 West 34th Street
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78705
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.233611
Longitude: -98.025
Drilling Date Started: 2022-03-30
Drilling Date Completed: 2022-03-30
Chemical Analysis: No
Company Name: Centex Pump & Supply, Inc.
Company Address: 2520 Hwy. 290 West
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=603541&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 730.0

Top Depth: 0
Bottom Depth: 100

Top Depth: 100
Bottom Depth: 730

Well Levels

Measurement: 412
Measurement Date: 2022-04-02

Well Strata

Water Type:

Lower Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
45	1 of 1	WNW	0.73 / 3,839.81	Reliance Custom Homes 262 Frontera Ranch Cove Dripping Springs TX 78652	SDRW WELLS

Track NO: 231851
Date Submitted: 2010-10-05
Owner Name: Reliance Custom Homes
Owner Address: 1410 Shelton Ranch Rd
Owner Address2:
Owner City: Dripping Springs
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.252778
Longitude: -98.036667
Drilling Date Started: 2010-08-05
Drilling Date Completed: 2010-08-07
Chemical Analysis: No
Company Name: Associated Drilling Co.
Company Address: P.O. Box 1060
CompanyAddress2:
Company City: Manchaca
Company State: TX
Company Zip: 78652
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=231851&Type=SDR-Well

Well Borehole Information

Top Depth: 0
Bottom Depth: 120

Top Depth:
Bottom Depth: 860.0

Top Depth: 120
Bottom Depth: 860

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
46	1 of 1	SE	0.73 / 3,855.46	Jim Spry 12400 Pauls Valley Road Dripping Springs TX 78620	SDRW WELLS

Track NO: 541568
Date Submitted: 2020-04-23
Owner Name: Jim Spry
Owner Address: 12400 Pauls Valley Road
Owner Address2:
Owner City: Dripping Springs
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.2364
Longitude: -98.012333
Drilling Date Started: 2020-03-26
Drilling Date Completed: 2020-03-26
Chemical Analysis: No
Company Name: Associated Drilling Inc
Company Address: PO Box 673
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=541568&Type=SDR-Well

Well Borehole Information

Top Depth: 50
Bottom Depth: 710

Top Depth: 0
Bottom Depth: 50

Top Depth:
Bottom Depth: 710.0

Well Levels

Measurement: 432
Measurement Date: 2020-03-26

Well Strata

Water Type:

Hoston Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
47	1 of 1	W	0.73 / 3,871.00	HAROLD DAVIS TX	TCEQ WELL LOGS

Grid No:	N/A
Date Drilled:	03/03/2000
Owners Name:	HAROLD DAVIS
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	NOT REPORTED
Depth Drilled:	740
Latitude:	30.242856
Longitude:	-98.038238

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER DAVIS, HAROLD (Name) ADDRESS 12315 TRIPLE CR. DR. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip)

2) ADDRESS OF WELL: County HAYS 12315 TRIPLE CR. DR. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip) GRID # _____

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 14.51" W 098° 02.30"

6) WELL LOG:
Date Drilling: Started 03-03-20 00 Completed 03-03-20 00

DIAMETER OF HOLE	Dia. (in.)	From (ft.)	To (ft.)
	8 ¼"	Surface	10'
	6"	10'	740'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other _____

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	2	LEDGEROCK
20	25	CALICHE
25	32	BLUE LIME
32	480	GRAY LIME
480	560	HAMMID CLAY
560	580	GRAY SHELL
580	740	RED & TAN SANDSTONE

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5 OD	N	PVC PLASTIC	0	740	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 4
ft. to ft. No. of sacks used
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance WELL DRILLED FIRST

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level _____ ft. below land surface Date _____
Artesian flow _____ gpm Date _____

12) PACKERS:

	Type	Depth
3	BURLAP & PLASTIC	20', 560', 580'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 40-50 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 45'
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING COMPANY (Type or print) WELL DRILLER'S LICENSE NO. #4227

ADDRESS 2520 HWY. 290 WEST (Street or RFD) DRIPPING SPRINGS, (City) TEXAS (State) 78620 (Zip)

(Signed) Aaron Hass (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94)
WELL OWNER'S COPY DRILLER'S COPY TNRCC COPY

184331

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER DAVIS, HAROLD (Name) ADDRESS 12315 TRIPLE CR. DR. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip)

2) ADDRESS OF WELL: County HAYS 12315 TRIPLE CR. DR. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip) GRID # _____

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 14.51" W 098° 02.30"

6) WELL LOG:
Date Drilling: Started 03-03-20 00 Completed 03-03-20 00

DIAMETER OF HOLE	Dia. (in.)	From (ft.)	To (ft.)
	8 ¼"	Surface	10'
	6"	10'	740'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other _____

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	2	LEDGEROCK
20	25	CALICHE
25	32	BLUE LIME
32	480	GRAY LIME
480	560	HAMMID CLAY
560	580	GRAY SHELL
580	740	RED & TAN SANDSTONE

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5 OD	N	PVC PLASTIC	0	740	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 4
ft. to ft. No. of sacks used
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance WELL DRILLED FIRST

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level _____ ft. below land surface Date _____
Artesian flow _____ gpm Date _____

12) PACKERS:

	Type	Depth
3	BURLAP & PLASTIC	20', 560', 580'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 40-50 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 45'
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING COMPANY (Type or print) WELL DRILLER'S LICENSE NO. #4227

ADDRESS 2520 HWY. 290 WEST (Street or RFD) DRIPPING SPRINGS, (City) TEXAS (State) 78620 (Zip)

(Signed) Aaron Hass (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94)
WELL OWNER'S COPY DRILLER'S COPY TNRCC COPY

184331

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
48	1 of 1	W	0.74 / 3,901.79	GARY LAFAYETTE 1225 TRIPLE CREEK CIRCLE DRIPPING SPRINGS TX 78616	SDRW WELLS

Track NO: 433208
Date Submitted: 2000-08-02
Owner Name: GARY LAFAYETTE
Owner Address: 3108 WHITEWAY DR
Owner Address2:
Owner City: AUSTIN
Owner State: TX
Owner Zip: 78757
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.2455
Longitude: -98.038667
Drilling Date Started: 2000-05-29
Drilling Date Completed: 2000-05-29
Chemical Analysis: No
Company Name: CENTEX PUMP & SUPPLY, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=433208&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 730.0

Top Depth: 10
Bottom Depth: 730

Top Depth: 0
Bottom Depth: 10

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
49	1 of 1	W	0.74 / 3,903.80	CARLTON TURNER TX	TCEQ WELL LOGS

Grid No:	57-48-9
Date Drilled:	06/01/90
Owners Name:	CARLTON TURNER
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	NOT REPORTED
Depth Drilled:	587
Latitude:	30.246124
Longitude:	-98.038743

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
50	1 of 1	NNW	0.76 / 4,019.66	DALE OLDENKAMP TX	TCEQ WELL LOGS

Grid No: 57-48-9
Date Drilled: 10/05/2002
Owners Name: DALE OLDENKAMP
County: TRAVIS
Water Usage: DOMESTIC
Static Level: NOT REPORTED
Depth Drilled: 810
Latitude: 30.258366
Longitude: -98.030152

Customer says that this is Travis County.

Send original copy by certified mail to: TNRCC, P.O. Box 12157, ...stin, TX 78711 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 12157
Austin, TX 78711
512-463-7880

1) OWNER OLDENKAMP, DALE (Name) ADDRESS 11201-14 BONHAM RANCH RD. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip)

2) ADDRESS OF WELL: County TRAVIS 11201-14 BONHAM RANCH RD. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip) GRID # 57-49-9

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 16.60 W 098° 01.82

6) WELL LOG: Date Drilling: Started 10-05-20 02 Completed 10-05-20 02

DIAMETER OF HOLE Dia.. (in.)	From (ft.)	To (ft.)
	Surface	
9"	0	40'
6"	40'	810'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOP SOIL
2	18	CALICHE
18	22	BLUE LIME
22	330	GRAY
330	335	WHITE
335	380	GRAY
380	480	GRAY/TAN
480	510	TAN
510	575	GRAY
575	620	HAMMID CLAY
620	650	GRAY/RED CLAY
650	680	GRAY/TAN
680	810	RED

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5 OD	N	PVC	+2	810'	SDR17

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 40 ft. No. of sacks used 12
____ ft. to ____ ft. No. of sacks used ____
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance WELL DRILLED FIRST

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ____ ft. below land surface Date ____
Artesian flow ____ gpm Date ____

12) PACKERS:

Type	Depth
3 BURLAP, PLASTIC	40', 640', 660'

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40-60 gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 80'
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #4227

ADDRESS 2520 HWY. 290 WEST (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip)

(Signed) Aaron Glass (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

RECEIVED
TDLR MAIL ROOM AR
OCT 18 2002
RECEIPT# AMOUNT

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94)
WELL OWNER'S COPY DRILLER'S COPY TNRCC COPY

Customer says that this is Travis County.

Send original copy by certified mail to: TNRCC, P.O. Box 12157, ...stin, TX 78711 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 12157
Austin, TX 78711
512-463-7880

1) OWNER OLDENKAMP, DALE (Name) ADDRESS 11201-14 BONHAM RANCH RD. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip)

2) ADDRESS OF WELL: County TRAVIS 11201-14 BONHAM RANCH RD. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip) GRID # 57-49-9

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 16.60 W 098° 01.82

6) WELL LOG:
Date Drilling: Started 10-05-20 02 Completed 10-05-20 02

DIAMETER OF HOLE Dia.. (in.)	From (ft.)	To (ft.)
	Surface	
9"	0	40'
6"	40'	810'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	2	TOP SOIL
2	18	CALICHE
18	22	BLUE LIME
22	330	GRAY
330	335	WHITE
335	380	GRAY
380	480	GRAY/TAN
480	510	TAN
510	575	GRAY
575	620	HAMMID CLAY
620	650	GRAY/RED CLAY
650	680	GRAY/TAN
680	810	RED

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5 OD	N	PVC	+2	810'	SDR17

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 40 ft. No. of sacks used 12
____ ft. to ____ ft. No. of sacks used ____
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance WELL DRILLED FIRST

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ____ ft. below land surface Date ____
Artesian flow ____ gpm Date ____

12) PACKERS:

	Type	Depth
3	BURLAP, PLASTIC	40', 640', 660'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40-60 gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 80'
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #4227

ADDRESS 2520 HWY. 290 WEST (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip)

(Signed) Aaron Glass (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

RECEIVED
TDLR MAIL ROOM AR
OCT 18 2002
RECEIPT# AMOUNT

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94)
WELL OWNER'S COPY DRILLER'S COPY TNRCC COPY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
51	1 of 2	W	0.77 / 4,068.58	DAN MCKINNEY TX	TCEQ WELL LOGS

Grid No:	14-57-9
Date Drilled:	06/30/1998
Owners Name:	DAN MCKINNEY
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	NOT REPORTED
Depth Drilled:	670
Latitude:	30.245556
Longitude:	-98.039167

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER MCKINNEY, DAN (Name) ADDRESS 363-B FANTAIL LOOP (Street or RFD) AUSTIN, (City) TEXAS (State) 78734 (Zip)

2) ADDRESS OF WELL: County HAYS 12221 TRIPLE CR. CIRCLE (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip) GRID # 14-57-9

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell

If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 34° 00.000' W098° 54. 375'

6) WELL LOG: Date Drilling: Started 06-30- 19 98 Completed 06-30- 19 98

DIAMETER OF HOLE	Dia.. (in.)	From (ft.)	To (ft.)
	8"	Surface	10'
	6"	10'	670'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	12	CALICHE
12	22	BLUE LIME
22	230	GRAY LIME
230	235	WHITE
235	435	GRAY LIME
435	445	A LITTLE H20
445	500	GRAY LIME
500	550	HAMMID
550	630	TRINITY H20
630	670	RED

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other

If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5 OD	N	PVC	0	670	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 25 ft. No. of sacks used 6
____ ft. to ____ ft. No. of sacks used ____
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance WELL DRILLED FIRST

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ____ ft. below land surface Date ____
Artesian flow ____ gpm Date ____

12) PACKERS:

Type	Depth
3 BURLAP	30', 550', 670

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS: Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40-50 gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 120'
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #4227

ADDRESS 25203 RANCH RD. 12 (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) Aaron Glass (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) DRILLERS COPY TNRCC COPY OWNERS COPY

LOG ID SEQ # EMP # DESC CO OCT 2 0 1998 COMMENT TEMP

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER MCKINNEY, DAN (Name) ADDRESS 363-B FANTAIL LOOP (Street or RFD) AUSTIN, (City) TEXAS (State) 78734 (Zip)

2) ADDRESS OF WELL: County HAYS 12221 TRIPLE CR. CIRCLE (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip) GRID # 14-57-9

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell

If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 34° 00.000' W098° 54. 375'

6) WELL LOG:

Date Drilling: Started 06-30- 19 98 Completed 06-30- 19 98

DIAMETER OF HOLE	Dia.. (in.)	From (ft.)	To (ft.)
	8"	Surface	10'
	6"	10'	670'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	12	CALICHE
12	22	BLUE LIME
22	230	GRAY LIME
230	235	WHITE
235	435	GRAY LIME
435	445	A LITTLE H20
445	500	GRAY LIME
500	550	HAMMID
550	630	TRINITY H20
630	670	RED

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other

If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5 OD	N	PVC	0	670	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]

Cemented from 0 ft. to 25 ft. No. of sacks used 6

____ ft. to ____ ft. No. of sacks used ____

Method used SLURRY

Cemented by C. T. D.

Distance to septic system field lines or other concentrated contamination N/A ft.

Method of verification of above distance WELL DRILLED FIRST

10) SURFACE COMPLETION

☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL

Static Level ____ ft. below land surface Date ____

Artesian flow ____ gpm Date ____

12) PACKERS:

Type	Depth
3 BURLAP	30', 550', 670

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other

Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS:

Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated

Yield: 40-50 gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:

Did you knowingly penetrate any strata which contained undesirable constituents?

☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"

Type of water? TRINITY Depth of strata 120'

Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

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(Signed) Aaron Glass (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94)

DRILLERS COPY TNRCC COPY OWNERS COPY

LOG ID SEQ # EMP # DESC CO OCT 2 0 1998 COMMENT TEMP

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
51	2 of 2	W	0.77 / 4,068.58	Radu Boghici TX	GWDB

Well Rep Track No:	
State Well NO:	5756310
Owner Name:	Radu Boghici
Drilling Start Dt:	1998-06-30
Drilling Month:	6
Drilling Day:	30
Drilling Year:	1998
Well Depth:	670
Well Usage:	Domestic
Water Level Status:	
Latitude:	30.2455556
Longitude:	-98.0391667
Data Source:	Groundwater Database (GWDB) Reports; GIS shapefile of GWDB well locations
Well Info Report:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetReports.aspx?Num=5756310&Type=GWDB
Document Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetScannedImage.aspx?Num=5756310&Cnty=Hays

SUBMITTED

Please use black ink.

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

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State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER MCKINNEY, DAN (Name) ADDRESS 363-B FANTAIL LOOP (Street or RFD) AUSTIN, (City) TEXAS (State) 78734 (Zip)

2) ADDRESS OF WELL: County HAYS 12221 TRIPLE CR. CIRCLE (Street or RFD) DRIPPING SPRINGS, (City) TX, (State) 78620 (Zip) GRID # 14-57-9

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell

If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 34° 00.000' W 098° 54.375'

6) WELL LOG: Date Drilling: Started 06-30-19 98 Completed 06-30-19 98

DIAMETER OF HOLE

Dia.. (in.)	From (ft.)	To (ft.)
8"	Surface	10'
6"	10'	670'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	12	CALICHE
12	22	BLUE LIME
22	230	GRAY LIME
230	235	WHITE
235	435	GRAY LIME
435	445	A LITTLE H20
445	500	GRAY LIME
500	550	HAMMID
550	630	TRINITY H20
630	670	RED

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ft. to ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing	Gage Screen
5 OD	N	PVC	0	670		SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 25 ft. No. of sacks used 6
ft. to ft. No. of sacks used
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance WELL DRILLED FIRST

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ft. below land surface Date
Artesian flow gpm Date

12) PACKERS:

	Type	Depth
3	BURLAP	30', 550', 570

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40-50 gpm with ft. drawdown after hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 120'
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #4227

ADDRESS 26203 RANCH RD. 12 (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) Aaron Glass (Licensed Well Driller) (Signed) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) DRILLERS COPY TNRCC COPY OWNERS COPY

SUBMITTED

Please use black ink.

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER MCKINNEY, DAN (Name) ADDRESS 363-B FANTAIL LOOP (Street or RFD) AUSTIN, (City) TEXAS (State) 78734 (Zip)

2) ADDRESS OF WELL: County HAYS 12221 TRIPLE CR. CIRCLE (Street or RFD) DRIPPING SPRINGS, (City) TX, (State) 78620 (Zip) GRID # 14-57-9

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell

If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 34° 00.000' W 098° 54.375'

6) WELL LOG: Date Drilling: Started 06-30-19 98 Completed 06-30-19 98

DIAMETER OF HOLE

Dia.. (in.)	From (ft.)	To (ft.)
8"	Surface	10'
6"	10'	670'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	12	CALICHE
12	22	BLUE LIME
22	230	GRAY LIME
230	235	WHITE
235	435	GRAY LIME
435	445	A LITTLE H20
445	500	GRAY LIME
500	550	HAMMID
550	630	TRINITY H20
630	670	RED

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ft. to ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5 OD	N	PVC	0	670	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 25 ft. No. of sacks used 6
ft. to ft. No. of sacks used
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance WELL DRILLED FIRST

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

14) WELL TESTS: Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40-50 gpm with ft. drawdown after hrs.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ft. below land surface Date
Artesian flow gpm Date

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 120'
Was a chemical analysis made? ☐ Yes ☑ No

12) PACKERS:

	Type	Depth
3	BURLAP	30', 550', 570

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #4227

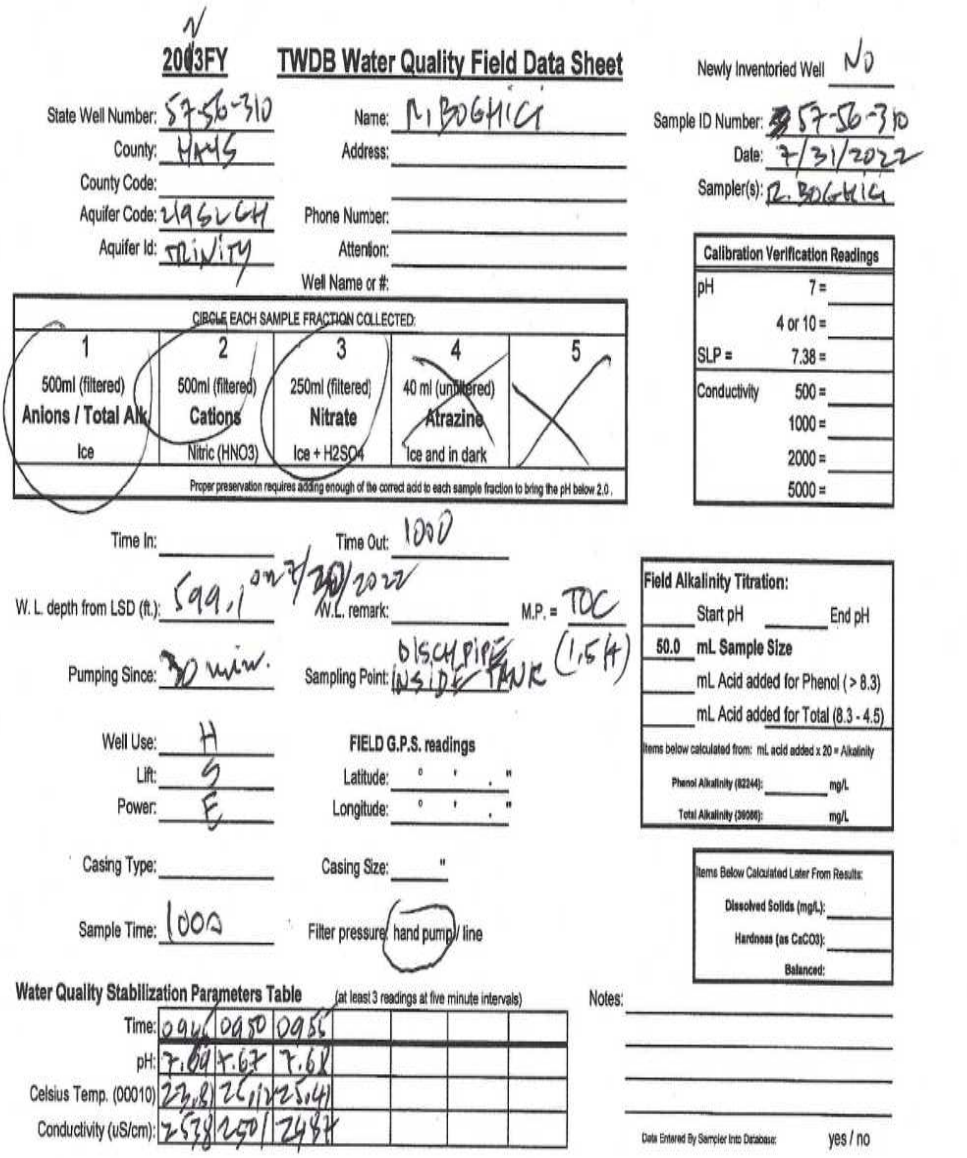
ADDRESS 26203 RANCH RD. 12 (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) Aaron Glass (Licensed Well Driller) (Signed) (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) DRILLERS COPY TNRCC COPY OWNERS COPY

Figure 2 The TWDB Water Quality Field Data Sheet



2003FY **TWDB Water Quality Field Data Sheet**

Newly Inventoried Well: NO

State Well Number: 57-56-310
County: HAYS
County Code:
Aquifer Code: 219SCCH
Aquifer Id: TRINITY

Name: M. BOGHICI
Address:
Phone Number:
Attention:
Well Name or #:

Sample ID Number: 57-56-310
Date: 7/31/2022
Sampler(s): M. BOGHICI

CIRCLE EACH SAMPLE FRACTION COLLECTED:

1	2	3	4	5
500ml (filtered) Anions / Total Alk	500ml (filtered) Cations	250ml (filtered) Nitrate	40 ml (unfiltered) Atrazine	
Ice	Nitric (HNO3)	Ice + H2SO4	Ice and in dark	

Proper preservation requires adding enough of the correct acid to each sample fraction to bring the pH below 2.0.

Calibration Verification Readings		
pH	7 =	
	4 or 10 =	
SLP =	7.38 =	
Conductivity	500 =	
	1000 =	
	2000 =	
	5000 =	

Time In: Time Out: 1000

W. L. depth from LSD (ft.): 599.1 on 7/31/2022 W.L. remark: M.P. = TOC

Pumping Since: 30 min. Sampling Point: DISCH PIPE INSIDE TANK (1.5 H)

Well Use: H
Lift: S
Power: E

FIELD G.P.S. readings
Latitude: ° ' . "
Longitude: ° ' . "

Field Alkalinity Titration:
Start pH End pH
50.0 mL Sample Size
mL Acid added for Phenol (> 8.3)
mL Acid added for Total (8.3 - 4.5)
Items below calculated from: mL acid added x 20 = Alkalinity
Phenol Alkalinity (82244): mg/L
Total Alkalinity (39086): mg/L

Casing Type: Casing Size: "

Sample Time: 1002 Filter pressure: hand pump/ line

Items Below Calculated Later From Results:
Dissolved Solids (mg/L):
Hardness (as CaCO3):
Balanced:

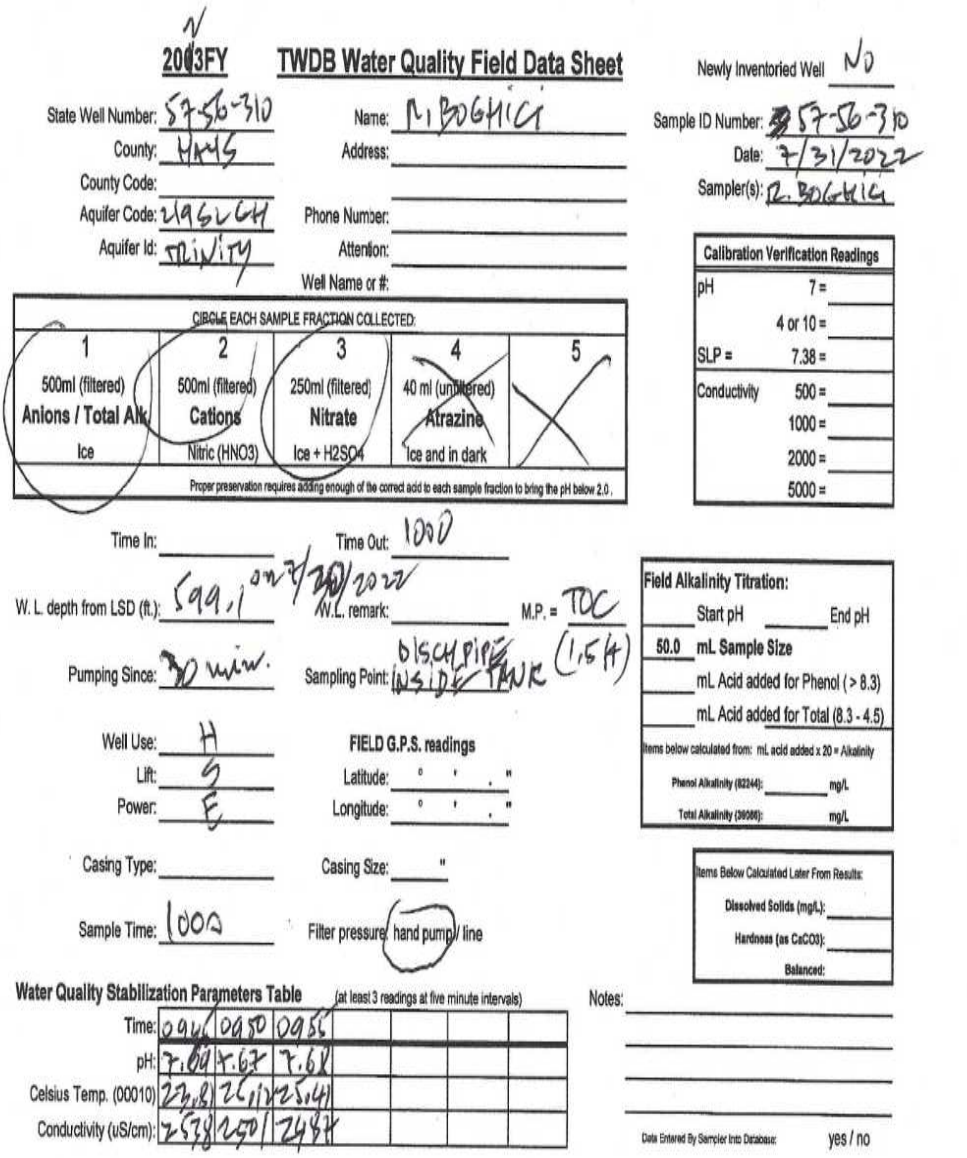
Water Quality Stabilization Parameters Table (at least 3 readings at five minute intervals)

Time:	0946	0950	0955				
pH:	7.69	7.67	7.68				
Celsius Temp. (00010)	23.8	24.1	25.4				
Conductivity (uS/cm):	2538	2501	2487				

Notes:

Data Entered By Sampler Into Database: yes / no

Figure 2 The TWDB Water Quality Field Data Sheet



2003FY **TWDB Water Quality Field Data Sheet**

Newly Inventoried Well: NO

State Well Number: 57-56-310
County: HAYS
County Code:
Aquifer Code: 219SCCH
Aquifer Id: TRINITY

Name: M BOGHICI
Address:
Phone Number:
Attention:
Well Name or #:

Sample ID Number: 57-56-310
Date: 7/31/2022
Sampler(s): M. BOGHICI

CIRCLE EACH SAMPLE FRACTION COLLECTED:

1	2	3	4	5
500ml (filtered) Anions / Total Alk	500ml (filtered) Cations	250ml (filtered) Nitrate	40 ml (unfiltered) Atrazine	
Ice	Nitric (HNO3)	Ice + H2SO4	Ice and in dark	

Proper preservation requires adding enough of the correct acid to each sample fraction to bring the pH below 2.0.

Calibration Verification Readings		
pH	7 =	
	4 or 10 =	
SLP =	7.38 =	
Conductivity	500 =	
	1000 =	
	2000 =	
	5000 =	

Time In: Time Out: 1000

W. L. depth from LSD (ft.): 599.1 on 7/28/2022 W.L. remark: M.P. = TOC

Pumping Since: 30 min. Sampling Point: DISCH PIPE INSIDE TANK (1.5 H)

Well Use: H
Lift: S
Power: E

FIELD G.P.S. readings
Latitude: ° ' . "
Longitude: ° ' . "

Field Alkalinity Titration:
Start pH End pH
50.0 mL Sample Size
mL Acid added for Phenol (> 8.3)
mL Acid added for Total (8.3 - 4.5)
Items below calculated from: mL acid added x 20 = Alkalinity
Phenol Alkalinity (82244): mg/L
Total Alkalinity (39086): mg/L

Casing Type: Casing Size: "

Sample Time: 1002 Filter pressure: hand pump/ line

Items Below Calculated Later From Results:
Dissolved Solids (mg/L):
Hardness (as CaCO3):
Balanced:

Water Quality Stabilization Parameters Table (at least 3 readings at five minute intervals)

Time:	0946	0950	0955				
pH:	7.69	7.67	7.68				
Celsius Temp. (00010)	23.8	24.1	25.4				
Conductivity (uS/cm):	2538	2501	2487				

Notes:

Data Entered By Sampler Into Database: yes / no

Environmental Laboratory Services
The Solution Lab

LCRA Environmental Laboratory Services
3505 Montopolis Drive
Austin, TX 78744
Phone (512)730-6022
Fax (512)730-6021

Analytical Results

Client ID: HTGCD
Lab ID: Q2221988001
Sample ID: 5756310
Project ID: TWDB Suite paid by TWDB

Date Collected: 07/31/2022 10:00
Date Received: 08/02/2022 12:01
Location:
Facility:
Sample Point:

Matrix: Aqueous
Sample Type: SAMPLE

ALKALINITY (SM2320B, Alkalinity)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Phenolphthalein Alkalinity	0.00	mg/L	0.00	0.00		1	08/04/2022 00:00	MO	08/04/2022 00:00	MO	N
Hydroxide Alkalinity	0.00	mg/L	0.00	0.00		1	08/04/2022 00:00	MO	08/04/2022 00:00	MO	N
Bicarbonate Alkalinity	230	mg/L	0.00	0.00		1	08/04/2022 00:00	MO	08/04/2022 00:00	MO	N
Carbonate Alkalinity	0.00	mg/L	0.00	0.00		1	08/04/2022 00:00	MO	08/04/2022 00:00	MO	N
Total Alkalinity (CaCO3)	230	mg/L	20.0	20.0		1	08/04/2022 00:00	MO	08/04/2022 00:00	MO	

HEAVY METALS (245.1Hg)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Mercury Dissolved	<0.20	ug/L	0.20	0.070		1	08/04/2022 18:46	FM	08/04/2022 18:46	FM	N

INORGANICS (E200.7 Prep/E200.7 Metals, Trace Elements)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Boron Dissolved	1840	ug/L	50.0	20.0		1	08/04/2022 08:36	FO	08/25/2022 19:04	FM	
Calcium Dissolved	168	mg/L	0.200	0.0700		1	08/04/2022 08:36	FO	08/25/2022 19:04	FM	
Iron Dissolved	<50.0	ug/L	50.0	20.0		1	08/04/2022 08:36	FO	08/25/2022 19:04	FM	
Magnesium Dissolved	124	mg/L	0.200	0.0700		1	08/04/2022 08:36	FO	08/25/2022 19:04	FM	
Potassium Dissolved	17.0	mg/L	0.200	0.0700		1	08/04/2022 08:36	FO	08/25/2022 19:04	FM	
Sodium Dissolved	234	mg/L	0.200	0.0700		1	08/04/2022 08:36	FO	08/25/2022 19:04	FM	

INORGANICS (E200.7 Prep/E200.7 Metals, Trace Elements)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Strontium Dissolved	15900	ug/L	50.0	20.0		5	08/04/2022 08:36	FO	08/29/2022 15:38	FM	

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Analytical Results

Client ID: HTGCD
Lab ID: Q2221988001
Sample ID: 5756310
Project ID: TWDB Suite paid by TWDB

Date Collected: 07/31/2022 10:00
Date Received: 08/02/2022 12:01
Location:
Facility:
Sample Point:

Matrix: Aqueous
Sample Type: SAMPLE

ALKALINITY (SM2320B, Alkalinity)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Phenolphthalein Alkalinity	0.00	mg/L	0.00	0.00		1	08/04/2022 00:00	MO	08/04/2022 00:00	MO	N
Hydroxide Alkalinity	0.00	mg/L	0.00	0.00		1	08/04/2022 00:00	MO	08/04/2022 00:00	MO	N
Bicarbonate Alkalinity	230	mg/L	0.00	0.00		1	08/04/2022 00:00	MO	08/04/2022 00:00	MO	N
Carbonate Alkalinity	0.00	mg/L	0.00	0.00		1	08/04/2022 00:00	MO	08/04/2022 00:00	MO	N
Total Alkalinity (CaCO3)	230	mg/L	20.0	20.0		1	08/04/2022 00:00	MO	08/04/2022 00:00	MO	

HEAVY METALS (245.1Hg)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Mercury Dissolved	<0.20	ug/L	0.20	0.070		1	08/04/2022 18:46	FM	08/04/2022 18:46	FM	N

INORGANICS (E200.7 Prep/E200.7 Metals, Trace Elements)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Boron Dissolved	1840	ug/L	50.0	20.0		1	08/04/2022 08:36	FO	08/25/2022 19:04	FM	
Calcium Dissolved	168	mg/L	0.200	0.0700		1	08/04/2022 08:36	FO	08/25/2022 19:04	FM	
Iron Dissolved	<50.0	ug/L	50.0	20.0		1	08/04/2022 08:36	FO	08/25/2022 19:04	FM	
Magnesium Dissolved	124	mg/L	0.200	0.0700		1	08/04/2022 08:36	FO	08/25/2022 19:04	FM	
Potassium Dissolved	17.0	mg/L	0.200	0.0700		1	08/04/2022 08:36	FO	08/25/2022 19:04	FM	
Sodium Dissolved	234	mg/L	0.200	0.0700		1	08/04/2022 08:36	FO	08/25/2022 19:04	FM	

INORGANICS (E200.7 Prep/E200.7 Metals, Trace Elements)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Strontium Dissolved	15900	ug/L	50.0	20.0		5	08/04/2022 08:36	FO	08/29/2022 15:38	FM	

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Analytical Results

Client ID: HTGCD
Lab ID: Q2221988001
Sample ID: 5756310
Project ID: TWDB Suite paid by TWDB

Date Collected: 07/31/2022 10:00
Date Received: 08/02/2022 12:01
Location:
Facility:
Sample Point:

Matrix: Aqueous
Sample Type: SAMPLE

INORGANICS (E200.8, ICP-MS Prep/E200.8, ICP-MS)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Aluminum Dissolved	<5.00	ug/L	5.00	1.50		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Antimony Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Arsenic Dissolved	<1.00	ug/L	1.00	0.700		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Barium Dissolved	10.3	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Beryllium Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Cadmium Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Chromium Dissolved	3.79	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Cobalt Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Copper Dissolved	2.59	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Lithium Dissolved	211	ug/L	2.00	0.700		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	N
Lead Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Manganese Dissolved	3.42	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Molybdenum Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Selenium Dissolved	<5.00	ug/L	5.00	1.50		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Silver Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Thallium Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Uranium Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	N
Vanadium Dissolved	1.14	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Zinc Dissolved	6.96	ug/L	5.00	1.50		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	

INORGANICS (E300.0, Anions)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Chloride DIssolved	103	mg/L	25.0	10.0		25	08/02/2022 16:14	BC	08/02/2022 16:14	BC	
Bromide Dissolved	0.650	mg/L	0.500	0.200		25	08/02/2022 16:14	BC	08/02/2022 16:14	BC	
Fluoride Dissolved	0.800	mg/L	0.250	0.100		25	08/02/2022 16:14	BC	08/02/2022 16:14	BC	
Sulfate Dissolved	1010	mg/L	25.0	10.0		25	08/02/2022 16:14	BC	08/02/2022 16:14	BC	

INORGANICS (SM1030B Cation/Anion Balance)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Cation/Anion Balance	1.820	%				1	09/21/2022 16:25	CW	09/21/2022 16:25	CW	

NITRATE AND NITRITE (SM4500-NO3-H, Nitrate/Nitrite)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Nitrate/Nitrite as N Dissolved	0.0970	mg/L	0.0200	0.00800		1	08/04/2022 00:00	MO	08/04/2022 00:00	MO	

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Analytical Results

Client ID: HTGCD
Lab ID: Q2221988001
Sample ID: 5756310
Project ID: TWDB Suite paid by TWDB

Date Collected: 07/31/2022 10:00
Date Received: 08/02/2022 12:01
Location:
Facility:
Sample Point:

Matrix: Aqueous
Sample Type: SAMPLE

INORGANICS (E200.8, ICP-MS Prep/E200.8, ICP-MS)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Aluminum Dissolved	<5.00	ug/L	5.00	1.50		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Antimony Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Arsenic Dissolved	<1.00	ug/L	1.00	0.700		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Barium Dissolved	10.3	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Beryllium Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Cadmium Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Chromium Dissolved	3.79	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Cobalt Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Copper Dissolved	2.59	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Lithium Dissolved	211	ug/L	2.00	0.700		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	N
Lead Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Manganese Dissolved	3.42	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Molybdenum Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Selenium Dissolved	<5.00	ug/L	5.00	1.50		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Silver Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Thallium Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Uranium Dissolved	<1.00	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	N
Vanadium Dissolved	1.14	ug/L	1.00	0.400		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	
Zinc Dissolved	6.96	ug/L	5.00	1.50		1	08/04/2022 08:38	FO	08/04/2022 13:14	FO	

INORGANICS (E300.0, Anions)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Chloride DIssolved	103	mg/L	25.0	10.0		25	08/02/2022 16:14	BC	08/02/2022 16:14	BC	
Bromide Dissolved	0.650	mg/L	0.500	0.200		25	08/02/2022 16:14	BC	08/02/2022 16:14	BC	
Fluoride Dissolved	0.800	mg/L	0.250	0.100		25	08/02/2022 16:14	BC	08/02/2022 16:14	BC	
Sulfate Dissolved	1010	mg/L	25.0	10.0		25	08/02/2022 16:14	BC	08/02/2022 16:14	BC	

INORGANICS (SM1030B Cation/Anion Balance)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Cation/Anion Balance	1.820	%				1	09/21/2022 16:25	CW	09/21/2022 16:25	CW	

NITRATE AND NITRITE (SM4500-NO3-H, Nitrate/Nitrite)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Nitrate/Nitrite as N Dissolved	0.0970	mg/L	0.0200	0.00800		1	08/04/2022 00:00	MO	08/04/2022 00:00	MO	

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Analytical Results

Client ID:	HTGCD	**Date Collected:**	07/31/2022 10:00	**Matrix:**	Aqueous
Lab ID:	Q2221988001	**Date Received:**	08/02/2022 12:01	**Sample Type:**	SAMPLE
Sample ID:	5756310	**Location:**			
Project ID:	TWDB Suite paid by TWDB	**Facility:**			
		Sample Point:			

SILICA (SM4500-SiO2-C, Silica)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Silica as SiO2, Dissolved	17.9	mg/L	0.500	0.200		1	08/09/2022 00:00	ML	08/09/2022 00:00	ML	

TOTAL PHOSPHATE AS P (E365.4 / E351.2 Water Prep/E365.4 Phosphorus, Total)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Phosphorus, Dissolved (As P)	<0.0200	mg/L	0.0200	0.00800		1	08/10/2022 15:14	MO	08/12/2022 00:00	ML	

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Analytical Results

Client ID:	HTGCD	**Date Collected:**	07/31/2022 10:00	**Matrix:**	Aqueous
Lab ID:	Q2221988001	**Date Received:**	08/02/2022 12:01	**Sample Type:**	SAMPLE
Sample ID:	5756310	**Location:**			
Project ID:	TWDB Suite paid by TWDB	**Facility:**			
		Sample Point:			

SILICA (SM4500-SiO2-C, Silica)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Silica as SiO2, Dissolved	17.9	mg/L	0.500	0.200		1	08/09/2022 00:00	ML	08/09/2022 00:00	ML	

TOTAL PHOSPHATE AS P (E365.4 / E351.2 Water Prep/E365.4 Phosphorus, Total)

Parameter	Results	Units	MRL	LOD	ML	DF	Prepared	By	Analyzed	By	Qualifier
Phosphorus, Dissolved (As P)	<0.0200	mg/L	0.0200	0.00800		1	08/10/2022 15:14	MO	08/12/2022 00:00	ML	

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Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
52	1 of 1	ESE	0.77 / 4,079.52	Joe Terry 12345 Pauls Valley Rd. Austin TX 78737	SDRW WELLS

Track NO: 342605
Date Submitted: 2013-10-07
Owner Name: Joe Terry
Owner Address: 12345 Pauls Valley Rd.
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78737
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.238056
Longitude: -98.009723
Drilling Date Started: 2013-08-15
Drilling Date Completed: 2013-08-15
Chemical Analysis: No
Company Name: Associated Drilling Inc.
Company Address: PO Box 673
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=342605&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 710.0

Top Depth: 0
Bottom Depth: 50

Top Depth: 50
Bottom Depth: 710

Well Levels

Measurement: 385
Measurement Date: 2013-08-15

Well Strata

Water Type:

trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
53	1 of 1	WSW	0.78 / 4,102.92	RIENZI CUSTOM HOMES 12500 TRIPLE CRK. DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 62855
Date Submitted: 2005-07-18
Owner Name: RIENZI CUSTOM HOMES
Owner Address: 1054 WINDMILL RUN
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.236945
Longitude: -98.035556
Drilling Date Started: 2005-05-10
Drilling Date Completed: 2005-05-10
Chemical Analysis: No
Company Name: CENTRAL TEXAS DRILLING INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=62855&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 710.0

Top Depth: 100
Bottom Depth: 710

Top Depth: 0
Bottom Depth: 100

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
54	1 of 1	WSW	0.78 / 4,115.50	GLASS, DELBY/TED MASSINGILL TX	TCEQ WELL LOGS

Grid No: N/A
Date Drilled: 07/07/1997
Owners Name: GLASS, DELBY/TED MASSINGILL
County: HAYS
Water Usage: DOMESTIC
Static Level: NOT REPORTED
Depth Drilled: 640
Latitude: 30.242457
Longitude: -98.038914

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER GLASS, DELBY/TED MASSINGILL (Name) ADDRESS 5600 BAYTON LOOP (Street or RFD) AUSTIN, (City) TX. (State) 78745 (Zip)

2) ADDRESS OF WELL: County HAYS 12301 TRIPLE CR. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip) GRID # _____

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 14.574' W 098° 02.376'

6) WELL LOG: Date Drilling: Started 07-07- 19 97 Completed 07-07- 19 97

DIAMETER OF HOLE	Dia.. (in.)	From (ft.)	To (ft.)
	8"	Surface	10'
	6"	10'	640'

7) DRILLING METHOD (Check): ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other _____ ☐ Driven

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	15	CALICHE
15	75	BLUE LIME
75	320	GRAY LIME
320	415	BROWN LIME
415	435	TAN & WHITE
435	500	GRAY LIME
500	540	HAMMID
540	580	HENSEL
580	640	TRINITY

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5 OD	N	PVC	+2	640	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 30 ft. No. of sacks used 7 SACKS
_____ ft. to _____ ft. No. of sacks used _____
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination 100+ ft.
Method of verification of above distance OWNER

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level _____ ft. below land surface Date _____
Artesian flow _____ gpm Date _____

12) PACKERS:	Type	Depth
2	BURLAP	30, 580
2	PVC	30, 560

13) TYPE PUMP: ☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 70+ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 20'
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #2422

ADDRESS 25203 RANCH RD. 12 (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) David Karl (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) DRILLERS COPY TNRCC COPY OWNERS COPY

184367

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER GLASS, DELBY/TED MASSINGILL (Name) ADDRESS 5600 BAYTON LOOP (Street or RFD) AUSTIN, (City) TX. (State) 78745 (Zip)

2) ADDRESS OF WELL: County HAYS 12301 TRIPLE CR. (Street or RFD) DRIPPING SPRINGS, (City) TX. (State) 78620 (Zip) GRID # _____

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 14.574' W 098° 02.376'

6) WELL LOG: Date Drilling: Started 07-07- 19 97 Completed 07-07- 19 97

DIAMETER OF HOLE	Dia.. (in.)	From (ft.)	To (ft.)
	8"	Surface	10'
	6"	10'	640'

7) DRILLING METHOD (Check): ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other _____ ☐ Driven

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	15	CALICHE
15	75	BLUE LIME
75	320	GRAY LIME
320	415	BROWN LIME
415	435	TAN & WHITE
435	500	GRAY LIME
500	540	HAMMID
540	580	HENSEL
580	640	TRINITY

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5 OD	N	PVC	+2	640	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 30 ft. No. of sacks used 7 SACKS
_____ ft. to _____ ft. No. of sacks used _____
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination 100+ ft.
Method of verification of above distance OWNER

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level _____ ft. below land surface Date _____
Artesian flow _____ gpm Date _____

12) PACKERS:	Type	Depth
2	BURLAP	30, 580
2	PVC	30, 560

13) TYPE PUMP: ☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 70+ gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 20'
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #2422

ADDRESS 25203 RANCH RD. 12 (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) David Karl (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) DRILLERS COPY TNRCC COPY OWNERS COPY

184367

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
55	1 of 2	WSW	0.78 / 4,141.36	DENNIS BOHLS TX	TCEQ WELL LOGS

Grid No:	N/A
Date Drilled:	09/16/1997
Owners Name:	DENNIS BOHLS
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	NOT REPORTED
Depth Drilled:	680
Latitude:	30.239412
Longitude:	-98.037448

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER BOHLS, DENNIS (Name) ADDRESS P.O.BOX 91956 (Street or RFD) AUSTIN, (City) TEXAS (State) 78709-1956 (Zip)

2) ADDRESS OF WELL: County HAYS 12405 TRIPLE CR. DR. (Street or RFD) DRIPPING SPRINGS, (City) TEXAS (State) 78620 (Zip) GRID # _____

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 14.477' W 098° 02.222'

6) WELL LOG:
Date Drilling: Started 09-16- 19 97 Completed 09-16- 19 97

DIAMETER OF HOLE	Dia. (in.)	From (ft.)	To (ft.)
	8"	Surface	10'
	6"	10'	680'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other _____

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL & ROCK
1	15	CALICHE
15	170	BLUE LIME
170	185	WHITE LIME
185	390	GRAY LIME
390	410	WHITE LIME
410	450	LT. GRAY
450	470	GRAY LIME
470	520	HAMMID
520	565	HENSEL
565	680	TRINITY

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5 OD	N	PVC	+2	680	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 7 CEMENT
_____ ft. to _____ ft. No. of sacks used _____
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination 100+ ft.
Method of verification of above distance BUILDER

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level _____ ft. below land surface Date _____
Artesian flow _____ gpm Date _____

12) PACKERS:	Type	Depth
2	BURLAP	20, 540
2	PVC	20, 520

13) TYPE PUMP: ☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 50 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 20
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #2422

ADDRESS 25203 RANCH RD. 12 (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) David Kare (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) DRILLERS COPY TNRCC COPY OWNERS COPY

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ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER BOHLS, DENNIS (Name) ADDRESS P.O.BOX 91956 (Street or RFD) AUSTIN, (City) TEXAS (State) 78709-1956 (Zip)

2) ADDRESS OF WELL: County HAYS 12405 TRIPLE CR. DR. (Street or RFD) DRIPPING SPRINGS, (City) TEXAS (State) 78620 (Zip) GRID # _____

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 14.477' W 098° 02.222'

6) WELL LOG: Date Drilling: Started 09-16- 19 97 Completed 09-16- 19 97

DIAMETER OF HOLE	Dia. (in.)	From (ft.)	To (ft.)
	8"	Surface	10'
	6"	10'	680'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other _____

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL & ROCK
1	15	CALICHE
15	170	BLUE LIME
170	185	WHITE LIME
185	390	GRAY LIME
390	410	WHITE LIME
410	450	LT. GRAY
450	470	GRAY LIME
470	520	HAMMID
520	565	HENSEL
565	680	TRINITY

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5 OD	N	PVC	+2	680	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 7 CEMENT
_____ ft. to _____ ft. No. of sacks used _____
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination 100+ ft.
Method of verification of above distance BUILDER

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level _____ ft. below land surface Date _____
Artesian flow _____ gpm Date _____

12) PACKERS:	Type	Depth
2	BURLAP	20, 540
2	PVC	20, 520

13) TYPE PUMP: ☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS: Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 50 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 20
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

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ADDRESS 25203 RANCH RD. 12 (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) David Kare (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) DRILLERS COPY TNRCC COPY OWNERS COPY

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Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
55	2 of 2	WSW	0.78 / 4,141.36	JACK DABNEY HOMES 12414 TRIPLE CREEK DRIVE, LOT 32-B DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 54920
Date Submitted: 2005-03-16
Owner Name: JACK DABNEY HOMES
Owner Address: 130 SCHOOL HOUSE RD.
Owner Address2:
Owner City: DRIFTWOOD
Owner State: TX
Owner Zip: 78619
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.237222
Longitude: -98.035556
Drilling Date Started: 2005-01-11
Drilling Date Completed: 2005-01-11
Chemical Analysis: No
Company Name: CENTRAL TEXAS DRILLING, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=54920&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 710.0

Top Depth: 0
Bottom Depth: 50

Top Depth: 50
Bottom Depth: 710

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
56	1 of 1	WSW	0.79 / 4,167.82	RIENZI CUSTOM HOMES 12410 TRIPLE CREEK DRIVE DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 94540
Date Submitted: 2006-10-06
Owner Name: RIENZI CUSTOM HOMES
Owner Address: 1054 WINDMILL RUN
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.242778
Longitude: -98.039722
Drilling Date Started: 2006-06-23
Drilling Date Completed: 2006-06-23
Chemical Analysis: No
Company Name: CENTRAL TEXAS DRILLING, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=94540&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 710.0

Top Depth: 0
Bottom Depth: 100

Top Depth: 100
Bottom Depth: 710

Well Levels

Measurement: 513.6
Measurement Date: 2006-06-23

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
57	1 of 1	W	0.79 / 4,173.82	David Embry 15800 Fitzhugh Rd. Dripping Springs TX 78620	SDRW WELLS

Track NO: 357344
Date Submitted: 2014-03-21
Owner Name: David Embry
Owner Address: 15800 Fitzhugh Rd.
Owner Address2:
Owner City: Dripping Springs
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.248334
Longitude: -98.040278
Drilling Date Started: 2014-01-21
Drilling Date Completed: 2014-01-22
Chemical Analysis: No
Company Name: Bee Cave Drilling, Inc.
Company Address: 185 Angel Fire Dr.
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=357344&Type=SDR-Well

Well Borehole Information

Top Depth: 10
Bottom Depth: 20

Top Depth: 20
Bottom Depth: 800

Top Depth: 0
Bottom Depth: 10

Top Depth:
Bottom Depth: 800.0

Well Levels

Measurement: 562
Measurement Date: 2014-01-24

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
58	1 of 1	SE	0.80 / 4,210.00	Joe Terry 12345 Pauls Valley Rd. Austin TX 78737	SDRW WELLS

Track NO: 324088
Date Submitted: 2013-07-15
Owner Name: Joe Terry
Owner Address: 12345 Pauls Valley Rd.
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78737
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.236667
Longitude: -98.011389
Drilling Date Started: 2013-06-10
Drilling Date Completed: 2013-06-10
Chemical Analysis: No
Company Name: Associated Drilling Inc.
Company Address: 12928 Lowden Ln.
CompanyAddress2:
Company City: Manchaca
Company State: TX
Company Zip: 78652
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=324088&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 750.0

Top Depth: 100
Bottom Depth: 750

Top Depth: 0
Bottom Depth: 100

Well Levels

Measurement: 361
Measurement Date: 2013-06-10

Well Strata

Water Type:

trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
59	1 of 1	W	0.80 / 4,222.68	CARA EUBANK 12215 TRIPLE CREEK CIRCLE DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 467599
Date Submitted: 2017-12-26
Owner Name: CARA EUBANK
Owner Address: 12215 TRIPLE CREEK CIRCLE
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Irrigation
Prop Use Oth Descr:
Latitude: 30.245967
Longitude: -98.039817
Drilling Date Started: 2017-11-11
Drilling Date Completed: 2017-11-11
Chemical Analysis: No
Company Name: Centex Pump & Supply, Inc.
Company Address: 2520 Hwy. 290 West
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=467599&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 730.0

Top Depth: 0
Bottom Depth: 100

Top Depth: 100
Bottom Depth: 730

Well Levels

Measurement: 522
Measurement Date: 2017-11-28

Well Strata

Water Type:

LOWER TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
60	1 of 1	NW	0.80 / 4,241.96	Sam Caldwell 11355 Bonham Ranch Rd. Dripping Springs TX 78620	SDRW WELLS

Track NO: 385494
Date Submitted: 2015-01-13
Owner Name: Sam Caldwell
Owner Address: 11355 Bonham Ranch Rd.
Owner Address2:
Owner City: Dripping Springs
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.255834
Longitude: -98.036389
Drilling Date Started: 2014-11-26
Drilling Date Completed: 2014-11-28
Chemical Analysis: No
Company Name: Associated Drilling Inc.
Company Address: PO Box 673
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=385494&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 850.0

Top Depth: 50
Bottom Depth: 850

Top Depth: 0
Bottom Depth: 50

Well Levels

Measurement: 497
Measurement Date: 2014-11-28

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
61	1 of 1	NW	0.81 / 4,260.87	Jerry Swan 11201 Bonham Ranch Road #9 Dripping Springs TX 78620	SDRW WELLS

Track NO: 91299
Date Submitted: 2006-08-28
Owner Name: Jerry Swan
Owner Address: 1201 Bonham Ranch Road #9
Owner Address2:
Owner City: Dripping Springs
Owner State: TX
Owner Zip: 78620
County: Travis
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.257223
Longitude: -98.034167
Drilling Date Started: 2006-08-03
Drilling Date Completed: 2006-08-04
Chemical Analysis: No
Company Name: Apex Drilling, Inc
Company Address: PO Box 867
CompanyAddress2:
Company City: Marble Falls
Company State: TX
Company Zip: 78654
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=91299&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 830.0

Top Depth: 0
Bottom Depth: 30

Top Depth: 30
Bottom Depth: 830

Well Strata

Water Type:

Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
62	1 of 2	WNW	0.81 / 4,265.43	CHARLES D. CARPENTER TX	TCEQ WELL LOGS

Grid No: 57-48-9
Date Drilled: 12/05/1987
Owners Name: CHARLES D. CARPENTER
County: HAYS
Water Usage: DOMESTIC
Static Level: 320
Depth Drilled: 470
Latitude: 30.253994
Longitude: -98.037493

Please use black ink.
Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Charles D. Carpenter (Name) Address 15244 Fitzhugh Rd (Street or RFD) Austin (City) 78736 (State) (Zip)

2) LOCATION OF WELL: County Hays 6 miles in NE (N.E., S.W., etc.) direction from Blanco Springs (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☑ See attached map. Dot #2 on 57-64-7

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☐ Driven ☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☑ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 12-5 1987 Completed " 19 ___

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6	Surface	470

From (ft.)	To (ft.)	Description and color of formation material
0	1	Top Soil
1	5	Yellow rock
5	95	Blue lime
95	100	Flint
100	170	Grey lime
170	240	Blue lime
240	300	Grey lime
300	305	Flint
305	370	Blue lime
370	410	Grey lime
410	415	Flint
415	445	White lime
445	455	Water
455	470	White lime

7) BOREHOLE COMPLETION:
☑ Open Hole ☐ Straight Wall ☐ Underreamed
☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing	Gage Screen
5	N	Plastic	0	470		

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 20 ft. No. of Sacks Used 2
_____ ft. to _____ ft. No. of Sacks Used _____
Method used Poured
Cemented by _____

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☑ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 320 ft. below land surface Date 12-5-87
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth

RECEIVED
JAN 4 1988
TEXAS WATER COMMISSION

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 440 ft.

(Use reverse side if necessary)

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 10 gpm with _____ ft. drawdown after _____ hrs.

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME RICHARD L. BIBLE WATER WELL DRILLING Water Well Driller's License No. 284
ADDRESS 10210 BIRCLE DR. AUSTIN, TEXAS 78736 (Street or RFD) (City) (State) (Zip)

(Signed) Richard L. Bible (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 57-48-9
Located on map _____

WWD-012 (Rev.01-28-87) TEXAS WATER COMMISSION COPY

Please use black ink.
Send original copy by certified mail to the Texas Water Commission P.O. Box 13087 Austin, Texas 78711

State of Texas
WATER WELL REPORT

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

Texas Water Well Drillers Board
P. O. Box 13087
Austin, Texas 78711

1) OWNER Charles D. Carpenter (Name) Address 15244 Fitzhugh Rd (Street or RFD) Austin (City) (State) 78736 (Zip)

2) LOCATION OF WELL: County Hays 6 miles in NE (N.E., S.W., etc.) direction from Blanco Springs (Town)

Driller must complete the legal description to the right with distance and direction from two intersecting section or survey lines, or he must locate and identify the well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

☐ Legal description:
Section No. _____ Block No. _____ Township _____
Abstract No. _____ Survey Name _____
Distance and direction from two intersecting section or survey lines _____

☑ See attached map. Dot #2 on 57-64-7

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☑ Domestic ☐ Industrial ☐ Monitor ☐ Public Supply ☐ Irrigation ☐ Test Well ☐ Injection ☐ Other _____

5) DRILLING METHOD (Check): ☐ Driven ☐ Mud Rotary ☐ Air Hammer ☐ Jetted ☐ Bored ☑ Air Rotary ☐ Cable Tool ☐ Other _____

6) WELL LOG:
Date Drilling: Started 12-5 1987 Completed " 19 ___

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
6	Surface	470

7) BOREHOLE COMPLETION: ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval . . . from _____ ft. to _____ ft.

From (ft.)	To (ft.)	Description and color of formation material
0	1	Top Soil
1	5	Yellow rock
5	95	Blue limi
95	100	Flint
100	170	Grey limi
170	240	Blue limi
240	300	Grey limi
300	305	Flint
305	370	Blue limi
370	410	Grey limi
410	415	Flint
415	445	White limi
445	455	Water
455	470	White limi

8) CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mgf., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5	N	Plastic	0	470	

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 0 ft. to 20 ft. No. of Sacks Used 2
_____ ft. to _____ ft. No. of Sacks Used _____
Method used Pumped
Cemented by _____

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 319.44(c)]
☐ Pitless Adapter Used [Rule 319.44(d)]
☑ Approved Alternative Procedure Used [Rule 319.71]

11) WATER LEVEL:
Static level 320 ft. below land surface Date 12-5-87
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Depth

RECEIVED
JAN 4 1988
TEXAS WATER COMMISSION

13) TYPE PUMP:
☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 440 ft.

(Use reverse side if necessary)

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ Yes ☑ No
If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☐ Estimated
Yield: 10 gpm with _____ ft. drawdown after _____ hrs.

I here by certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 12 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME RICHARD L. BIBLE WATER WELL DRILLING Water Well Driller's License No. 284
ADDRESS 10210 CIRCLE DR. AUSTIN, TEXAS 78736 (Street or RFD) (City) (State) (Zip)

(Signed) Richard L. Bible (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only
Well No. 57-48-9
Located on map _____

WWD-012 (Rev.01-28-87) TEXAS WATER COMMISSION COPY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
62	2 of 2	WNW	0.81 / 4,265.43	Morgan, Frank 11401 Bonham Ranch Rd. Dripping Springs, TX TX 78620	SDRW WELLS

Track NO: 103823
Date Submitted: 2007-02-08
Owner Name: Morgan, Frank
Owner Address: 5013 Cascade Drive
Owner Address2:
Owner City: Corpus Christi
Owner State: TX
Owner Zip: 78413
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.254445
Longitude: -98.037222
Drilling Date Started: 2006-10-30
Drilling Date Completed: 2006-12-13
Chemical Analysis: No
Company Name: Whisenant & Lyle Water Services, Inc.
Company Address: P. O. Box 525
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=103823&Type=SDR-Well

Well Borehole Information

Top Depth: 0
Bottom Depth: 800

Top Depth:
Bottom Depth: 800.0

Well Levels

Measurement: 550
Measurement Date: 2006-11-28

Well Strata

Water Type:

Good

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
63	1 of 1	WNW	0.82 / 4,346.24	SHARON BENNET TX	TCEQ WELL LOGS

Grid No:	57-48-9
Date Drilled:	06/21/1999
Owners Name:	SHARON BENNET
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	NOT REPORTED
Depth Drilled:	800
Latitude:	30.250969
Longitude:	-98.039238

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER BENNET, SHARON (Name) ADDRESS 6801 S. HWY 183 (Street or RFD) AUSTIN, (City) TEXAS (State) 78744 (Zip)

2) ADDRESS OF WELL: County HAYS FITZHUGH- BONHAM RD. (Street or RFD) DRIPPING SPRINGS (City) TEXAS (State) 78620 (Zip) GRID # 57-48-9

3) TYPE OF WORK (Check):
☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) 30° 16.00" N 98° 1.00"W

6) WELL LOG:
Date Drilling: Started 06-21-19 99 Completed 06-21-19 99

DIAMETER OF HOLE	Dia.. (in.)	From (ft.)	To (ft.)
	8.75"	Surface	10'
	6"	10	800

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	12	CALICHE
12	70	GRAY LIME STONE
70	90	WHITE LIME STONE
90	270	LT GRAY LIME STONE
270	280	WHITE LIME STONE
280	285	BLACK CLAY
285	370	DARK GRAY LIME
370	460	TAN & WHITE LIME
460	500	LT GRAY LIME
500	550	GRAY LIME STONE (H20 15 GPM)
550	655	CLAY HAMMID
655	800	RED SANDSTONE & CLAY
		H20 - 40 GPM

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5 OD	N	PVC PLASTIC	+2	600	SCH 40
5 OD	N	PVC PLASTIC	600	800	SDR 17

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 4
ft. to ft. No. of sacks used
Method used SLURRY
Cemented by C.T.D.
Distance to septic system field lines or other concentrated contamination 100' ft.
Method of verification of above distance WELL DRILLED FIRST

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ____ ft. below land surface Date ____
Artesian flow ____ gpm Date ____

12) PACKERS:	Type	Depth
3	PVC & BURLAP	700',680',20'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40 gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 100'
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #1313

ADDRESS 2520 HIGHWAY 290 WEST (Street or RFD) DRIPPING SPRINGS (City) TEXAS (State) 78620 (Zip)

(Signed) Frank Blair (Licensed Well Driller) (Signed) M Beck (Registered Driller Trainee)

FILE ID SEQ # EMP # MAR 0 8 2000

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) TNRCC COPY DRILLER'S COPY WELL OWNER'S COPY

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087

Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER BENNET, SHARON (Name) ADDRESS 6801 S. HWY 183 (Street or RFD) AUSTIN, (City) TEXAS (State) 78744 (Zip)

2) ADDRESS OF WELL: County HAYS FITZHUGH- BONHAM RD. (Street or RFD) DRIPPING SPRINGS (City) TEXAS (State) 78620 (Zip) GRID # 57-48-9

3) TYPE OF WORK (Check):
☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) 30° 16.00" N 98° 1.00"W

6) WELL LOG:
Date Drilling: Started 06-21-19 99 Completed 06-21-19 99

DIAMETER OF HOLE

Dia.. (in.)	From (ft.)	To (ft.)
8.75"	Surface	10'
6"	10	800

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	12	CALICHE
12	70	GRAY LIME STONE
70	90	WHITE LIME STONE
90	270	LT GRAY LIME STONE
270	280	WHITE LIME STONE
280	285	BLACK CLAY
285	370	DARK GRAY LIME
370	460	TAN & WHITE LIME
460	500	LT GRAY LIME
500	550	GRAY LIME STONE (H20 15 GPM)
550	655	CLAY HAMMID
655	800	RED SANDSTONE & CLAY
		H20 - 40 GPM

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5 OD	N	PVC PLASTIC	+2	600	SCH 40
5 OD	N	PVC PLASTIC	600	800	SDR 17

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 4
ft. to ft. No. of sacks used
Method used SLURRY
Cemented by C.T.D.
Distance to septic system field lines or other concentrated contamination 100' ft.
Method of verification of above distance WELL DRILLED FIRST

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A)]
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ____ ft. below land surface Date ____
Artesian flow ____ gpm Date ____

12) PACKERS:

	Type	Depth
3	PVC & BURLAP	700',680',20'

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40 gpm with ____ ft. drawdown after ____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 100'
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #1313

ADDRESS 2520 HIGHWAY 290 WEST (Street or RFD) DRIPPING SPRINGS (City) TEXAS (State) 78620 (Zip)

(Signed) Frank Blair (Licensed Well Driller) (Signed) M Beck (Registered Driller Trainee)

FILE ID SEQ # EMP # MAR 0 8 2000

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) TNRCC COPY DRILLER'S COPY WELL OWNER'S COPY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
64	1 of 1	WSW	0.83 / 4,361.03	DABNEY HOMES 12322 TRIPLE CREEK DRIVE DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 433210
Date Submitted: 2000-07-27
Owner Name: DABNEY HOMES
Owner Address: 130 SCHOOL HOUSE RD
Owner Address2:
Owner City: DRIFTWOOD
Owner State: TX
Owner Zip: 78619
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.240833
Longitude: -98.039333
Drilling Date Started: 2000-05-27
Drilling Date Completed: 2000-05-27
Chemical Analysis: No
Company Name: CENTEX PUMP & SUPPLY, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=433210&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 730.0

Top Depth: 10
Bottom Depth: 730

Top Depth: 0
Bottom Depth: 10

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
65	1 of 1	W	0.83 / 4,382.38	KIM & JEFF SESSIONS TX	TCEQ WELL LOGS

Grid No:	57-48-9
Date Drilled:	02/28/2000
Owners Name:	KIM & JEFF SESSIONS
County:	HAYS
Water Usage:	DOMESTIC
Static Level:	367
Depth Drilled:	800
Latitude:	30.244316
Longitude:	-98.040194

Send original copy by certified return receipt requested mail to: TDLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: *Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)*

State of Texas
WELL REPORT

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
512-463-7880

1) OWNER Kim Jeff Sessions (Name) ADDRESS 12204 Tripple Creek cir. (Street or RFD) Dripping Springs (City) TX (State) 78620 (Zip)

2) ADDRESS OF WELL'S LOCATION: County Hays 12204 Tripple Creek Cir. (Street, RFD or other) Dripping Springs (City) TX (State) 78620 (Zip) Long. 97-48-9 Lat.

3) TYPE OF WORK (Check): [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [X] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) 0

6) WELL LOG:
Date Drilling: Started 02/23/2000 Completed 02/25/2000

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
8	Surface	25
6 3/4	25	680
6	680	800

7) DRILLING METHOD (Check): [ ] Driven [X] Air Rotary [ ] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

From (ft.)	To (ft.)	Description and color of formation material
0	20	Top chalk
20	350	Blue Lime
350	430	Tan Lime
430	540	Tan Sandstone
540	580	Gray Sandstone
580	590	Gray Shale
590	630	Tan Lime
630	680	Red Sandstone
680	750	Broken Yellow & Purple
750	800	Hard tan Limestone

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): [ ] Open Hole [X] Straight Wall [ ] Underreamed [ ] Gravel Packed [ ] Other
If Gravel Packed give interval from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5od	N	Plastic	-2	700	40

9) CEMENTING DATA
Cemented from 20 ft. to 0 ft. No. of sacks used 5
ft. to ft. No. of sacks used
Method used Gravity
Cemented by ADC
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance

13) [ ] Well plugged within 48 hours

Casing left in well: From (ft)	Casing left in well: To (ft)	Cement/bentonite placed in well: From (ft)	Cement/bentonite placed in well: To (ft)	Sacks used:

14) TYPE PUMP:
[ ] Turbine [ ] Jet [X] Submersible [ ] Cylinder [ ] Other
Depth to pump bowls, cylinder, jet, etc., 560 ft.

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed
[X] Specified Steel Sleeve Installed
[ ] Pitless Adapter Used
[ ] Approved Alternative Procedure Used

15) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [ ] Jetted [X] Estimated
Yield: 200 gpm with ____ ft. drawdown after ____ hrs.

11) WATER LEVEL:
Static level 367 ft. below land surface Date 3/15/00
Artesian flow ____ gpm. Date

16) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Trinity Depth of strata 680 - 715
Was a chemical analysis made? [ ] Yes [X] No

12) PACKERS:

Type	Depth
Neoprene / Grout	20'
Shale Trap	600'

I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Associated Drilling Co. (Type or print) WELL DRILLER'S LICENSE NO. 4064 WI

ADDRESS P. O. Box 1060 (Street or RFD) Marshall (City) TX (State) 75672 (Zip)

(Signed) James Smoot (Licensed Well Driller)

(Signed) (Registered Driller Trainee)

FILE ID
EMP E
COMMENT

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDLR FORM 001WWD (4/98) White - TDLR Yellow - DRILLER Pink - WELL OWNER

Send original copy by certified return receipt requested mail to: TDLR, P.O. Box 12157, Austin, TX 78711

ATTENTION OWNER: *Confidentiality Privilege Notice on reverse side of Well Owner's copy (pink)*

State of Texas
WELL REPORT

Texas Department of Licensing & Regulation
P.O. Box 12157
Austin, TX 78711
512-463-7880

1) OWNER Kim Jeff Sessions (Name) ADDRESS 12204 Tripple Creek cir. (Street or RFD) Dripping Springs (City) TX (State) 78620 (Zip)

2) ADDRESS OF WELL'S LOCATION: County Hays 12204 Tripple Creek Cir. (Street, RFD or other) Dripping Springs (City) TX (State) 78620 (Zip) Long. 97-48-9 Lat.

3) TYPE OF WORK (Check): [X] New Well [ ] Deepening [ ] Reconditioning [ ] Plugging

4) PROPOSED USE (Check): [ ] Monitor [ ] Environmental Soil Boring [X] Domestic [ ] Industrial [ ] Irrigation [ ] Injection [ ] Public Supply [ ] De-watering [ ] Testwell
If Public Supply well, were plans submitted to the TNRCC? [ ] Yes [ ] No

5) 0

6) WELL LOG:
Date Drilling: Started 02/23/2000 Completed 02/25/2000

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
8	Surface	25
6 3/4	25	680
6	680	800

7) DRILLING METHOD (Check): [ ] Driven [X] Air Rotary [ ] Mud Rotary [ ] Bored [ ] Air Hammer [ ] Cable Tool [ ] Jetted [ ] Other

From (ft.)	To (ft.)	Description and color of formation material
0	20	Top chalk
20	350	Blue Lime
350	430	Tan Lime
430	540	Tan Sandstone
540	580	Gray Sandstone
580	590	Gray Shale
590	630	Tan Lime
630	680	Red Sandstone
680	750	Broken Yellow & Purple
750	800	Hard tan Limestone

(Use reverse side of Well Owner's copy, if necessary)

8) Borehole Completion (Check): [ ] Open Hole [X] Straight Wall [ ] Underreamed [ ] Gravel Packed [ ] Other
If Gravel Packed give interval from ____ ft. to ____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting Screen
5od	N	Plastic	-2	700	40

9) CEMENTING DATA
Cemented from 20 ft. to 0 ft. No. of sacks used 5
____ ft. to ____ ft. No. of sacks used ____
Method used Gravity
Cemented by ADC
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance ____

13) [ ] Well plugged within 48 hours

Casing left in well: From (ft)	Casing left in well: To (ft)	Cement/bentonite placed in well: From (ft)	Cement/bentonite placed in well: To (ft)	Sacks used:

14) TYPE PUMP:
[ ] Turbine [ ] Jet [X] Submersible [ ] Cylinder [ ] Other
Depth to pump bowls, cylinder, jet, etc., 560 ft.

15) WELL TESTS:
Type test: [ ] Pump [ ] Bailer [ ] Jetted [X] Estimated
Yield: 200 gpm with ____ ft. drawdown after ____ hrs.

16) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
[ ] Yes [X] No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? Trinity Depth of strata 680 - 715
Was a chemical analysis made? [ ] Yes [X] No

10) SURFACE COMPLETION
[ ] Specified Surface Slab Installed
[X] Specified Steel Sleeve Installed
[ ] Pitless Adapter Used
[ ] Approved Alternative Procedure Used

11) WATER LEVEL:
Static level 367 ft. below land surface Date 3/15/00
Artesian flow ____ gpm. Date ____

12) PACKERS:

Type	Depth
Neoprene / Grout	20'
Shale Trap	600'

I certify that I drilled this well (or the well was drilled under my direct supervision) and that each and all of the statements herein are true and correct. I understand that failure to complete items 1 thru 16 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Associated Drilling Co. (Type or print) WELL DRILLER'S LICENSE NO. 4064 WI

ADDRESS P. O. Box 1060 (Street or RFD) Marshall (City) TX (State) 75672 (Zip)

(Signed) James Smoot (Licensed Well Driller)

(Signed) ____ (Registered Driller Trainee)

FILE ID
EMPE
COMMENT

Please attach electric log, chemical analysis, and other pertinent information, if available.

TDLR FORM 001WWD (4/98) White - TDLR Yellow - DRILLER Pink - WELL OWNER

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
66	1 of 1	W	0.83 / 4,397.60	ERIC & CASEY FRIESENHAHN 12209 TRIPLE CRK. CIRCLE DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 58765
Date Submitted: 2005-05-13
Owner Name: ERIC & CASEY FRIESENHAHN
Owner Address: 10500 HILL COUNTRY SKYLINE
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.240834
Longitude: -98.0375
Drilling Date Started: 2005-03-14
Drilling Date Completed: 2005-03-14
Chemical Analysis: No
Company Name: CENTRAL TEXAS DRILLING, INC.
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=58765&Type=SDR-Well

Well Borehole Information

Top Depth: 50
Bottom Depth: 730

Top Depth: 0
Bottom Depth: 50

Top Depth:
Bottom Depth: 730.0

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
67	1 of 1	W	0.87 / 4,590.00	COUNTRY CUSTOM HOMES/SHELTON-OWNER TX	TCEQ WELL LOGS

Grid No: N/A
Date Drilled: 10/31/1997
Owners Name: COUNTRY CUSTOM HOMES/SHELTON-OWNER
County: HAYS
Water Usage: DOMESTIC
Static Level: NOT REPORTED
Depth Drilled: 700
Latitude: 30.242312
Longitude: -98.040428

Send original copy by certified mail to: TNRCC, P.O. [illegible] 13087, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER COUNTRY CUSTOM HOMES/SHELTON-OWNER (Name) ADDRESS 9308 LONGVALE DR. (Street or RFD) AUSTIN, (City) TEXAS (State) 78729 (Zip)

2) ADDRESS OF WELL: County HAYS 12300 TRIPLE CR. DR. (Street or RFD) DRIPPING SPRINGS, (City) TEXAS (State) 78620 (Zip) GRID # _____

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 14.560' W 098° 02.431'

6) WELL LOG:
Date Drilling: Started 10-31- 19 97 Completed 10-31- 19 97

DIAMETER OF HOLE	Dia.. (in.)	From (ft.)	To (ft.)
	8"	Surface	10'
	6"	10'	700'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other _____

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	15	CALICHE
15	135	BLUE LIME
135	370	GRAY LIME
370	435	BROWN/GRAY
435	460	WHITE
460	500	BROWN
500	550	HAMMID
550	590	HENSEL
590	700	TRINITY

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5 OD	N	PVC	+2	700	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 7 CEMENT
_____ ft. to _____ ft. No. of sacks used _____
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance N/A

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level _____ ft. below land surface Date _____
Artesian flow _____ gpm Date _____

12) PACKERS:

Type	Depth
BURLAP	20, 580
PVC	20, 560

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 80 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 30
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #2422

ADDRESS 25203 RANCH RD. 12 (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) David Kare (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) DRILLERS COPY TNRCC COPY OWNERS COPY

18364

Send original copy by certified mail to: TNRCC, P.O. [illegible] 13087, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER COUNTRY CUSTOM HOMES/SHELTON-OWNER (Name) ADDRESS 9308 LONGVALE DR. (Street or RFD) AUSTIN, (City) TEXAS (State) 78729 (Zip)

2) ADDRESS OF WELL: County HAYS 12300 TRIPLE CR. DR. (Street or RFD) DRIPPING SPRINGS, (City) TEXAS (State) 78620 (Zip) GRID # _____

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N 30° 14.560' W 098° 02.431'

6) WELL LOG:
Date Drilling: Started 10-31- 19 97 Completed 10-31- 19 97

DIAMETER OF HOLE	Dia.. (in.)	From (ft.)	To (ft.)
	8"	Surface	10'
	6"	10'	700'

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other _____

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	15	CALICHE
15	135	BLUE LIME
135	370	GRAY LIME
370	435	BROWN/GRAY
435	460	WHITE
460	500	BROWN
500	550	HAMMID
550	590	HENSEL
590	700	TRINITY

(Use reverse side if necessary)

8) Borehole Completion (Check): ☑ Open Hole ☐ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other _____
If Gravel Packed give interval ... from _____ ft. to _____ ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casing Screen
5 OD	N	PVC	+2	700	SCH. 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 20 ft. No. of sacks used 7 CEMENT
_____ ft. to _____ ft. No. of sacks used _____
Method used SLURRY
Cemented by C. T. D.
Distance to septic system field lines or other concentrated contamination N/A ft.
Method of verification of above distance N/A

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level _____ ft. below land surface Date _____
Artesian flow _____ gpm Date _____

12) PACKERS:

Type	Depth
BURLAP	20, 580
PVC	20, 560

13) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 80 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 30
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #2422

ADDRESS 25203 RANCH RD. 12 (Street or RFD) DRIPPING SPRINGS (City) TX (State) 78620 (Zip)

(Signed) David Kare (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) DRILLERS COPY TNRCC COPY OWNERS COPY

18364

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
68	1 of 1	W	0.88 / 4,666.83	Kevin Reed 12201 Triple Creek Circle Dripping Springs TX 78620	SDRW WELLS

Track NO:	168157
Date Submitted:	2009-02-11
Owner Name:	Kevin Reed
Owner Address:	6705 Lancrest Hill
Owner Address2:	
Owner City:	Austin
Owner State:	TX
Owner Zip:	78745
County:	Hays
Type of Work:	New Well
Typ of Wrk Oth Descr:	
Proposed Use:	Domestic
Prop Use Oth Descr:	
Latitude:	30.241111
Longitude:	-98.038334
Drilling Date Started:	2004-08-10
Drilling Date Completed:	2004-08-11
Chemical Analysis:	No
Company Name:	Highland Drilling Inc.
Company Address:	309 Frazier St.
CompanyAddress2:	
Company City:	Tow
Company State:	TX
Company Zip:	78672
Company Country:	
Data Source:	Full SDR Database; SDRDB Well Location (Map)
Report Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=168157&Type=SDR-Well

Well Borehole Information

Top Depth:	
Bottom Depth:	680.0
Top Depth:	0
Bottom Depth:	680

Well Levels

Measurement:	460
Measurement Date:	2004-08-11

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
69	1 of 1	W	0.90 / 4,775.12	JIM SHEPHARD 12208 TRIPLE CREEK DR DRIPPING SPRINGS TX 78620	SDRW WELLS

Track NO: 93226
Date Submitted: 2006-09-21
Owner Name: JIM SHEPHARD
Owner Address: 12208 TRIPLE CREEK DR
Owner Address2:
Owner City: DRIPPING SPRINGS
Owner State: TX
Owner Zip: 78620
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.241111
Longitude: -98.037778
Drilling Date Started: 2006-08-23
Drilling Date Completed: 2006-08-27
Chemical Analysis: Yes
Company Name: BEE CAVE DRILLING
Company Address: 185 ANGELFIRE DR
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78862
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=93226&Type=SDR-Well

Well Borehole Information

Top Depth: 100
Bottom Depth: 775

Top Depth:
Bottom Depth: 775.0

Top Depth: 0
Bottom Depth: 100

Well Levels

Measurement: 323
Measurement Date: 2006-08-28

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
70	1 of 1	NNW	0.91 / 4,818.77	Jason Allen (Bujan-Hall) 11002 Bonham Ranch Rd. Austin TX 78736	SDRW WELLS

Track NO: 265099
Date Submitted: 2011-09-09
Owner Name: Jason Allen (Bujan-Hall)
Owner Address: 10200 Hwy. 290 W
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78736
County: Travis
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.260556
Longitude: -98.030833
Drilling Date Started: 2005-06-13
Drilling Date Completed: 2005-07-22
Chemical Analysis: No
Company Name: Whisenant & Lyle WSI
Company Address: PO Box 525
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=265099&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 780.0

Top Depth: 0
Bottom Depth: 780

Well Levels

Measurement: 680
Measurement Date: 2005-10-22

Well Strata

Water Type:

Good

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
71	1 of 1	SE	0.93 / 4,888.88	Richard Bowden 12460 Pauls Valley Rd. Austin TX 78737	SDRW WELLS

Track NO: 439201
Date Submitted: 2016-12-20
Owner Name: Richard Bowden
Owner Address: 12460 Pauls Valley Rd.
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78737
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.233139
Longitude: -98.012083
Drilling Date Started: 2016-11-22
Drilling Date Completed: 2016-11-22
Chemical Analysis: No
Company Name: Associated Drilling Inc
Company Address: PO Box 673
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=439201&Type=SDR-Well

Well Borehole Information

Top Depth: 50
Bottom Depth: 710

Top Depth:
Bottom Depth: 710.0

Top Depth: 0
Bottom Depth: 50

Well Strata

Water Type:

Lower Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
72	1 of 1	WNW	0.96 / 5,084.01	Sarah & Spencer Whelan 128 Hudson Ln. Dripping Springs TX 78620	SDRW WELLS

Track NO: 603499
Date Submitted: 2022-04-26
Owner Name: Sarah & Spencer Whelan
Owner Address: 11500 Emerald Falls Dr.
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78738
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.249056
Longitude: -98.042278
Drilling Date Started: 2022-04-08
Drilling Date Completed: 2022-04-08
Chemical Analysis: No
Company Name: Centex Pump & Supply, Inc.
Company Address: 2520 Hwy. 290 West
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=603499&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 870.0

Top Depth: 0
Bottom Depth: 100

Top Depth: 100
Bottom Depth: 870

Well Levels

Measurement: 669
Measurement Date: 2022-04-18

Well Strata

Water Type:

Lower Trinity

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
73	1 of 1	N	0.97 / 5,147.51	Randy Metzger 10418 Crumley Ranch Road Austin TX 78738	SDRW WELLS

Track NO: 261818
Date Submitted: 2011-08-10
Owner Name: Randy Metzger
Owner Address: 10418 Crumley Ranch Road
Owner Address2:
Owner City: Austin
Owner State: TX
Owner Zip: 78738
County: Travis
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.261667
Longitude: -98.021944
Drilling Date Started: 2011-06-21
Drilling Date Completed: 2011-06-21
Chemical Analysis: No
Company Name: Bee Cave Drilling
Company Address: 185 Angelfire Drive
CompanyAddress2:
Company City: Dripping Springs
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=261818&Type=SDR-Well

Well Borehole Information

Top Depth:
Bottom Depth: 550.0

Top Depth: 100
Bottom Depth: 550

Top Depth: 10
Bottom Depth: 100

Top Depth: 0
Bottom Depth: 10

Well Strata

Water Type:

Fresh

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
74	1 of 1	WNW	0.99 / 5,210.88	JERRY SWAN TX	TCEQ WELL LOGS

Grid No: 57-48-9
Date Drilled: 06/18/2002
Owners Name: JERRY SWAN
County: HAYS
Water Usage: DOMESTIC
Static Level: NOT REPORTED
Depth Drilled: 780
Latitude: 30.254698
Longitude: -98.040476

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER SWAN, JERRY (Name) ADDRESS 2130 SPRING VALLEY (Street or RFD) DRIPPING SPRINGS, (City) TX, (State) 78620 (Zip)

2) ADDRESS OF WELL: County HAYS 11398 BONHAM RANCH RD. (Street or RFD) (City) TX, (State) (Zip) GRID # 57-48-9

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N30°16.00 W098°1.00 N

6) WELL LOG:
Date Drilling: Started 06-18-20 01 Completed 06-18-20 01

DIAMETER OF HOLE		
Dia.. (in.)	From (ft.)	To (ft.)
	Surface	
9"	0	30
6"	30	780

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	16	CALICHE
16	95	BLUE LIME
95	280	GRAY LIME
280	310	BROWN LIME
310	460	GRAY LIME
460	500	DARK BROWN LIME
500	540	BROWN LIME WATER
540	585	GRAY LIME
585	615	HAMMID
615	640	GRAY & BROWN
640	780	TRINITY

(Use reverse side if necessary)

8) Borehole Completion (Check): Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ft. to ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting	Gage Screen
5 OD	N	PVC PLASTIC	+2	780		SCH 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 30 ft. No. of sacks used 6
ft. to ft. No. of sacks used
Method used SLURRY
Cemented by C.T.D.
Distance to septic system field lines or other concentrated contamination 100+ ft.
Method of verification of above distance OWNER

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ft. below land surface Date
Artesian flow gpm Date

12) PACKERS:

	Type	Depth
3	PVC & BURLAP	30, 620, 640

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40 gpm with ft. drawdown after hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 60
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #1313

ADDRESS 2520 HIGHWAY 290 WEST (Street or RFD) DRIPPING SPRINGS (City) TEXAS (State) 78620 (Zip)

(Signed) Frank Glass (Licensed Well Driller) (Signed) (Registered Driller Trainee)

FILE ID SEQ # CNTY # RESC CO

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) TNRCC COPY DRILLER'S COPY OCT 0 5 2001 WELL OWNER'S COPY

AG

Send original copy by certified mail to: TNRCC, P.O. Box 13087, Austin, TX 78711-3087 — Please use black ink.

ATTENTION OWNER: *Confidentiality Privilege Notice on Reverse Side*

State of Texas WELL REPORT

Texas Water Well Drillers Advisory Council
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) OWNER SWAN, JERRY (Name) ADDRESS 2130 SPRING VALLEY (Street or RFD) DRIPPING SPRINGS, (City) TX, (State) 78620 (Zip)

2) ADDRESS OF WELL: County HAYS 11398 BONHAM RANCH RD. (Street or RFD) (City) TX, (State) (Zip) GRID # 57-48-9

3) TYPE OF WORK (Check): ☑ New Well ☐ Deepening ☐ Reconditioning ☐ Plugging

4) PROPOSED USE (Check): ☐ Monitor ☐ Environmental Soil Boring ☑ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell
If Public Supply well, were plans submitted to the TNRCC? ☐ Yes ☐ No

5) N30°16.00 W098°1.00 N

6) WELL LOG:
Date Drilling: Started 06-18-20 01 Completed 06-18-20 01

DIAMETER OF HOLE		
Dia.. (in.)	From (ft.)	To (ft.)
	Surface	
9"	0	30
6"	30	780

7) DRILLING METHOD (Check): ☐ Driven ☑ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other

From (ft.)	To (ft.)	Description and color of formation material
0	1	TOP SOIL
1	16	CALICHE
16	95	BLUE LIME
95	280	GRAY LIME
280	310	BROWN LIME
310	460	GRAY LIME
460	500	DARK BROWN LIME
500	540	BROWN LIME WATER
540	585	GRAY LIME
585	615	HAMMID
615	640	GRAY & BROWN
640	780	TRINITY

(Use reverse side if necessary)

8) Borehole Completion (Check): Open Hole ☑ Straight Wall ☐ Underreamed ☐ Gravel Packed ☐ Other
If Gravel Packed give interval ... from ft. to ft.

CASING, BLANK PIPE, AND WELL SCREEN DATA:

Dia. (in.)	New or Used	Steel, Plastic, etc. Perf., Slotted, etc. Screen Mfg., if commercial	Setting (ft.) From	Setting (ft.) To	Gage Casting	Gage Screen
5 OD	N	PVC PLASTIC	+2	780		SCH 40

9) CEMENTING DATA [Rule 338.44(1)]
Cemented from 0 ft. to 30 ft. No. of sacks used 6
ft. to ft. No. of sacks used
Method used SLURRY
Cemented by C.T.D.
Distance to septic system field lines or other concentrated contamination 100+ ft.
Method of verification of above distance OWNER

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed (Rule 338.44(2)(A))
☑ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(b)]
☐ Approved Alternative Procedure Used [Rule 338.71]

11) WATER LEVEL
Static Level ft. below land surface Date
Artesian flow gpm Date

12) PACKERS:

Type	Depth
3 PVC & BURLAP	30, 620, 640

13) TYPE PUMP: ☐ Turbine ☐ Jet ☑ Submersible ☐ Cylinder ☐ Other
Depth to pump bowls, cylinder, jet, etc., ft.

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☑ Jetted ☑ Estimated
Yield: 40 gpm with ft. drawdown after hrs.

15) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable constituents?
☐ Yes ☑ No If yes, submit "REPORT OF UNDESIRABLE WATER"
Type of water? TRINITY Depth of strata 60
Was a chemical analysis made? ☐ Yes ☑ No

I hereby certify that this well was drilled by me (or under my supervision) and that each and all of the statements herein are true to the best of my knowledge and belief. I understand that failure to complete items 1 thru 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME CENTRAL TEXAS DRILLING, INC. (Type or print) WELL DRILLER'S LICENSE NO. #1313

ADDRESS 2520 HIGHWAY 290 WEST (Street or RFD) DRIPPING SPRINGS (City) TEXAS (State) 78620 (Zip)

(Signed) Frank Glass (Licensed Well Driller) (Signed) (Registered Driller Trainee)

FILE ID SEQ # CNTY # RESC CO

Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 11-1-94) TNRCC COPY DRILLER'S COPY OCT 0 5 2001 WELL OWNER'S COPY

AG

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
75	1 of 1	WNW	0.99 / 5,214.63	Jack Dabney Homes 200 Hudson Lane Dripping Springs TX 78620	SDRW WELLS

Track NO: 45601
Date Submitted: 2004-09-28
Owner Name: Jack Dabney Homes
Owner Address: 130 School House Rd.
Owner Address2:
Owner City: Driftwood
Owner State: TX
Owner Zip: 78619
County: Hays
Type of Work: New Well
Typ of Wrk Oth Descr:
Proposed Use: Domestic
Prop Use Oth Descr:
Latitude: 30.250556
Longitude: -98.038611
Drilling Date Started: 2004-09-04
Drilling Date Completed: 2004-09-04
Chemical Analysis: No
Company Name: CENTRAL TEXAS DRILLING
Company Address: 2520 HWY. 290 WEST
CompanyAddress2:
Company City: DRIPPING SPRINGS
Company State: TX
Company Zip: 78620
Company Country:
Data Source: Full SDR Database; SDRDB Well Location (Map)
Report Link: https://www3.twdb.texas.gov/apps/waterdatainteractive/GetReports.aspx?Num=45601&Type=SDR-Well

Well Borehole Information

Top Depth: 50
Bottom Depth: 830

Top Depth:
Bottom Depth: 830.0

Top Depth: 0
Bottom Depth: 50

Well Strata

Water Type:

TRINITY

Map Key	Number of Records	Direction	Distance (mi/ft)	Site	DB
76	1 of 1	N	0.99 / 5,236.98	Puryear Ranch Spring TX	GWDB

Well Rep Track No:	
State Well NO:	5748914
Owner Name:	Puryear Ranch Spring
Drilling Start Dt:	
Drilling Month:	
Drilling Day:	
Drilling Year:	
Well Depth:	
Well Usage:	
Water Level Status:	
Latitude:	30.2623361
Longitude:	-98.0264167
Data Source:	Groundwater Database (GWDB) Reports; GIS shapefile of GWDB well locations
Well Info Report:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetReports.aspx?Num=5748914&Type=GWDB
Document Link:	https://www3.twdb.texas.gov/apps/waterdatainteractive//GetScannedImage.aspx?Num=5748914&Cnty=Travis

TWDB Water Quality Field Data Sheet

SWN: 57-48-914 | Site Name: PURYEAR SPRING | Project: TWDB Sampling

County: Travis (453); Hays (209) | Address or Location: PURYEAR RANCH | Newly Inventoried Well: YES

County Code: 453 - TRAVIS | CRUMLEY RANCH RD. | ID Number: 021

Aquifer Code: 218 GLRSU | DRIPPING SPRINGS, TX 78620 | Date: 10/10/18

Aquifer Id: Edwards (11); Trinity (28) | Sampler(s): BH, HC BSEACD

Standard TWDB suite			Isotopes (unfiltered, no ice)						
1	2	3	4	5	6	7			
250 ml filtered Cation Ice + HNO3	500ml filtered Anion Total Alk. Ice	250 ml filtered Nitrate Ice + H2SO4	250 ml SF 87/86 unpreserved	250 ml Deut. / O18 unpreserved	1 L Tritium unpreserved	1L C14 unpreserved			

All acidified samples pH <2.0. (*) If natural pH is <7, then add NaOH until pH is between 7 and 8. If natural pH is ≥7, no NaOH required.

Calibration Verification Readings

		Pre Sample	Post Sample
PH	HORIBA		
	4	4.00	4.62
Cond	0 (air)		
	4.49	4.49	4.37

Time In: 15:30 | Time Out: 15:50

Water Level: | M.P. = ft W.L. remark:

Pumping time: | Sampling Point: SOURCE OF STREAM

Well Use:

Lift:

Power:

FIELD G.P.S. readings

Latitude: 30° 15' 44" N (GOOGLE EARTH 30° 15' 44.41 N)

Longitude: 098° 01' 25" W (098° 01' 35.01 W)

Casing Type: | Casing Size: inches

Sample Time: 15:45 | Filtered: Yes / No

Filter pressure: hand pump / line / gravity

Items Below Calculated Later From Results:

Dissolved Solids (mg/L):

Hardness (as CaCO3):

Balanced:

Water Quality Stabilization Parameters Table (At least 3 readings @ 5 min. intervals)

Time	15:33	15:38	15:43						
pH	6.15*	6.22*	7.08						
Fahrenheit Temp.	24.72	24.40	24.5						
Turbidity	0	0							
uS/Cm Conductivity	684	673							

Notes:

Field Data entered into TWDB GWDB: yes / no

Comments: * pH MEASUREMENTS QUESTIONABLE USING HORIBA; USED TO INDICATE PARAMETER STABILIZATION

MEASUREMENT @ 15:43 TAKEN WITH HM DIGITAL pH-200 pH METER

BSEACD 1124 Regal Row Austin, Tx 78748

TWDB Water Quality Field Data Sheet

SWN: 57-48-914 Site Name: PURYEAR SPRING Project TWDB Sampling

County: Travis (453); Hays (209) Address or Location: PURYEAR RANCH Newly Inventoried Well YES

County Code: 453 - TRAVIS CRUMLEY RANCH RD. ID Number: 021

Aquifer Code: 218 GLRSU DRIPPING SPRINGS, TX 78620 Date: 10/10/18

Aquifer Id: Edwards (11); Trinity (28) Sampler(s): BH, HC BSEACD

Standard TWDB suite			Isotopes (unfiltered, no ice)						
1	2	3	4	5	6	7			
250 ml filtered Cation Ice + HNO3	500ml filtered Anion Total Alk. Ice	250 ml filtered Nitrate Ice + H2SO4	250 ml SF 87/86 unpreserved	250 ml Deut. / O18 unpreserved	1 L Tritium unpreserved	1L C14 unpreserved			

All acidified samples pH <2.0. (*) If natural pH is <7, then add NaOH until pH is between 7 and 8. If natural pH is ≥7, no NaOH required.

Calibration Verification Readings

	HORIBA	Pre Sample	Post Sample
PH			
	4	4.00	4.62
Cond	0 (air)		
	4.49	4.49	4.37

Time In: 15:30 Time Out: 15:50

Water Level: M.P. = ft W.L. remark:

Pumping time: Sampling Point: SOURCE OF STREAM

Well Use:

Lift:

Power:

FIELD G.P.S. readings

Latitude: 30° 15' 44" N (GOOGLE EARTH 30° 15' 44.41 N)

Longitude: 098° 01' 25" W (098° 01' 35.01 W)

Casing Type: Casing Size: inches

Sample Time: 15:45 Filtered: Yes / No

Filter pressure: hand pump / line / gravity

Items Below Calculated Later From Results:

Dissolved Solids (mg/L):

Hardness (as CaCO3):

Balanced:

Water Quality Stabilization Parameters Table (At least 3 readings @ 5 min. intervals)

Time	15:33	15:38	15:43						
pH	6.15*	6.22*	7.08						
Fahrenheit Temp.	24.72	24.40	24.5						
Turbidity	0	0							
uS/Cm Conductivity	684	673							

Notes:

Field Data entered into TWDB GWDB: yes / no

Comments: * pH MEASUREMENTS QUESTIONABLE USING HORIBA; USED TO INDICATE PARAMETER STABILIZATION

MEASUREMENT @ 15:43 TAKEN WITH HM DIGITAL pH-200 pH METER

BSEACD 1124 Regal Row Austin, Tx 78748

Texas Water Development Board
Well Schedule

State Well Number 57-48-914 Prev. Well No. County TRAVIS County Code 453

Basin COLORADO 14 GMA 09 RWPA K GCD Aquifer UPPER GLEN ROSE 21BGLRSU

Latitude 301544 Longitude 0980125 Coord Accuracy 0 Aquifer ID1 2B Aquifer ID2 Aquifer ID3

Owner/ Puryear Ranch Driller

Well No. Puryear Spring

Address CRUMLEY RANCH RD., DRIPPING SPGS, TX 78620 Tenant/Oper.

Well Depth Source of Depth Altitude 1007 Source of Alt. Datum Z

Date Drilled Well Type S User Code

Lift Data Pump Mfr. Type of Lift Pump Depth Setting (ft) ft.

Motor Mfg Type of Power Horsepower

Water Use Primary U Secondary Tertiary

Other Data Available Water Level Water Quality Y Well Logs Other Data

Well Construction Const Method Casing Material

Completion Method Screen Material

Water Levels
Date Meas. Remarks M.P. + -
Date Meas. Remarks
Date Meas. Remarks

Water Quality (Remarks:

Yield Flow Rate Pump Rate GPM Circle how rate was determined: Meas Rept Est Date of Test

Performance Test Length of test hr Production Rate GPM Circle how rate was determined: Meas Rept Est Date of Test

Static Level ft. Pumping Level ft. Amount of Drawdown ft. Specific Capacity GPM / ft.

Casing Records:

	Casing or Blank Pipe (C) / Well Screen or Slotted Zone (S) / Open Hole (O) — Cemented from ___ to ___ — Diam. (in.)	Interval of C.S. or O. From	To
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			

Date Record Collected or Information Updated 10192018 Reporting Agency 05 Recorded by LANE COCKRELL

Other Remarks
1
2
3
4
5
6

Aquifer

- -

Well Number

V:/SurfaceWaterResources/Groundwater/WaterQuality/WellSchedule

Texas Water Development Board
Well Schedule

State Well Number: 57-48-914 | Prev. Well No. | County: TRAVIS | County Code: 453

Basin: COLORADO 14 | GMA: 09 | RWPA: K | GCD | Aquifer: UPPER GLEN ROSE 21BGLRSU

Latitude: 301544 | Longitude: 0980125 | Coord Accuracy: 0 | Aquifer ID1: 28 | Aquifer ID2 | Aquifer ID3

Owner/: Puryear Ranch | Driller

Well No.: Puryear Spring

Address: CRUMLEY RANCH RD., DRIPPING SPGS, TX 78620 | Tenant/Oper.

Well Depth | Source of Depth | Altitude: 1007 | Source of Alt. Datum: Z

Date Drilled | Well Type: S | User Code

Lift Data: Pump Mfr. | Type of Lift | Pump Depth Setting (ft) ft.

Motor Mfg | Type of Power | Horsepower

Water Use: Primary | U | Secondary | Tertiary

Other Data Available: Water Level | Water Quality: Y | Well Logs | Other Data

Well Construction: Const Method | Casing Material

Completion Method | Screen Material

Water Levels: Date | Meas. | Remarks | M.P. +/-

Date | Meas. | Remarks

Date | Meas. | Remarks

Water Quality (Remarks:

Yield: Flow Rate | Pump Rate GPM | Circle how rate was determined: Meas Rept Est | Date of Test

Performance Test: Length of test hr | Production Rate GPM | Circle how rate was determined: Meas Rept Est | Date of Test

Static Level ft. | Pumping Level ft. | Amount of Drawdown ft. | Specific Capacity GPM / ft.

Casing Records:

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S)
Open Hole (O)
Cemented from to

	Diam. (in.)	Interval of C,S, or O, From	To
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			

Date Record Collected or Information Updated: 10192018 | Reporting Agency: 05 | Recorded by: LANE COCKRELL

Other Remarks
1
2
3
4
5
6

Aquifer

- -

Well Number

V:/SurfaceWaterResources/Groundwater/WaterQuality/WellSchedule

Appendix: Database Descriptions

Environmental Risk Information Services (ERIS) can search the following databases. The extent of historical information varies with each database and current information is determined by what is publicly available to ERIS at the time of update.

Federal

Wells from NWIS: FED USGS

The U.S. Geological Survey's National Water Information System (NWIS) is the nation's principal repository of water resources data. The NWIS includes comprehensive information of well-construction details, time-series data for gage height, streamflow, groundwater level, and precipitation and water use data. This NWIW dataset contains select Site Types from the overall NWIS Sites data, limited to the following Group Site Types only: Groundwater Group Site Types: Well, Collector or Ranney type well, Hyporheic-zone well, Interconnected Wells, Multiple wells; Spring Group Site Type: Spring; and Other Group Site Types: Aggregate groundwater use, Cistern.

Government Publication Date: Mar 21, 2022

State

Well Log Reports from Plotted Water Wells: TCEQ WELL LOGS

Locations of TCEQ Water Wells as derived from well logs in the Texas Commission on Environmental Quality (TCEQ) Water Well Report Viewer, which includes unnumbered water wells and those plotted to 2.5 minute grid locations (2-3 miles). In this collection of Well Log Reports, locations have been manually verified.

Government Publication Date: Jul 26, 2022

Select Wells from SDR: SDRW WELLS

Locations of wells from the Submitted Drillers Report (SDR) Database with select proposed usage: Domestic, Fracking Supply, Industrial, Irrigation, Other, Public Supply, Rig Supply, Stock, Unknown. SDR is populated from the online Texas Well Report Submission and Retrieval System (TWRSRS), a cooperative Texas Department of Licensing and Regulation (TDLR) and Texas Water Development Board (TWDB) application requiring registered water-well drillers to submit reports. Excludes SDR records with the following proposed usage: Closed-Loop Geothermal, De-watering, Environmental Soil Boring, Extraction, Injection, Monitor, Test Well.

Government Publication Date: Sep 6, 2022

Groundwater Database: GWDB

The Texas Water Development Board (TWDB) Groundwater Database (GWDB) contains information on selected water wells, springs, oil/gas tests (that were originally intended to be or were converted to water wells), water levels and water quality.

Government Publication Date: Oct 19, 2022

Fort Bend Subsidence District Water Wells: WW FORT BEND

List of water wells in the Fort Bend Subsidence District, boundaries of which are defined as all the territory within Fort Bend County. The Fort Bend Subsidence District was created by the Texas Legislature in 1989 as a conservation and reclamation district to control land subsidence and manage groundwater resources through regulation, conservation, and coordination with suppliers of alternative water sources to assure an adequate quantity and quality of water for the future. The District's purpose is to provide for the regulation of the withdrawal of groundwater within the District to prevent subsidence that contributes to flooding, inundation or overflow of areas within the District, including rising waters resulting from storms or hurricanes.

Government Publication Date: Nov 18, 2022

High Plains Water Wells: WW HIGH PLAINS

Inventory of water wells in the High Plains Underground Water Conservation District No. 1 (HPUWCD), which was created in 1951. As a political subdivision of Texas, HPUWCD is charged with protecting, preserving and conserving aquifers within the District's 16-county service area.

Government Publication Date: Apr 20, 2022

Harris Galveston Subsidence District Water Wells: WW HARRIS GAL

List of water wells in the Harris-Galveston Subsidence District (HGSD). The HGSD was created by the 64th Texas Legislature as an underground water conservation district in 1975 to provide regulation of groundwater withdrawal to control subsidence.

Government Publication Date: Nov 18, 2022

Water Utility Database: WUD

The Water Utility Database is defined as a collection of data from Texas Water Districts, Public Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ. This database is an integrated database designed and developed to replace over 160 stand alone legacy systems representing over 5 million records of the former Texas Water Commission and the Texas Department of Health.

Government Publication Date: Oct 1, 2020

Definitions

Database Descriptions: This section provides a detailed explanation for each database including: source, information available, time coverage, and acronyms used. They are listed in alphabetic order.

Detail Report: This is the section of the report which provides the most detail for each individual record. Records are summarized by location, starting with the project property followed by records in closest proximity.

Distance: The distance value is the distance between plotted points, not necessarily the distance between the sites' boundaries. All values are an approximation.

Direction: The direction value is the compass direction of the site in respect to the project property and/or center point of the report.

Executive Summary: This portion of the report is divided into 3 sections:

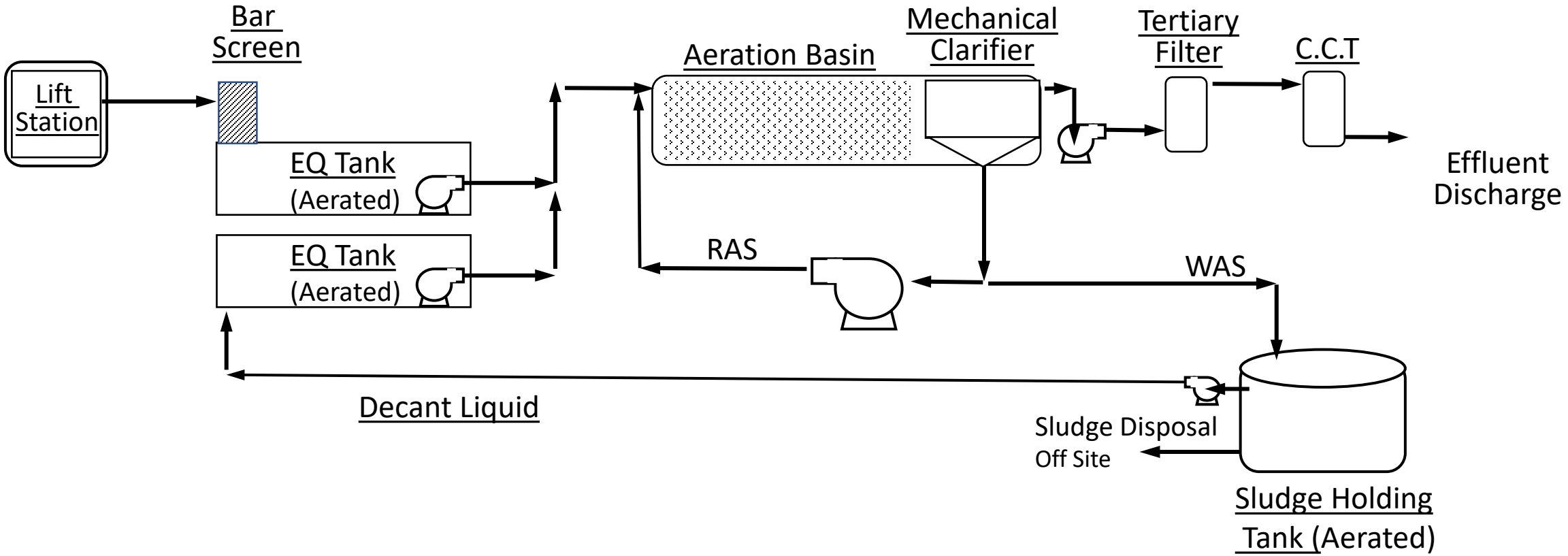
'Report Summary'- Displays a chart indicating how many records fall on the project property and, within the report search radii.

'Site Report Summary'-Project Property'- This section lists all the records which fall on the project property. For more details, see the 'Detail Report' section.

'Site Report Summary-Surrounding Properties'- This section summarizes all records on adjacent properties, listing them in order of proximity from the project property. For more details, see the 'Detail Report' section.

Map Key: The map key number is assigned according to closest proximity from the project property. Map Key numbers always start at #1. The project property will always have a map key of '1' if records are available. If there is a number in brackets beside the main number, this will indicate the number of records on that specific property. If there is no number in brackets, there is only one record for that property.

The symbol and colour used indicates 'elevation': the red inverted triangle will dictate 'ERIS Sites with Lower Elevation', the yellow triangle will dictate 'ERIS Sites with Higher Elevation' and the orange square will dictate 'ERIS Sites with Same Elevation.'



WaterFleet LLC		
Rockingwall Dev. WWTP Process Flow Diagram		
DATE: 05/31/23 Dwg: R.Nicol,P.E.	Water Fleet	Dwg.No: WFSL-01 Revision: _____

APP000881

Rockingwall Facility WWTP

Odor Control Discussion

Understanding the environment in which this system will be operating, we included odor control provisions as an integral part of the entire plant. To begin with, all the tanks will be covered and passively vented through carbon filters, with the exception of the highest potential sources of odorous gases. These processes include the large, aerated EQ basins and the coarse and fine screens. In addition to covering them the headspace in each of them will be actively exhausted and treated through biofilters. By including this feature, we not only improve the surrounding environment, but this also helps to greatly reduce potential corrosion within the tanks, thereby greatly extending their useful life.

E. Owner of the land where the subsurface area drip dispersal system is located:

Blizexas, LLC

F. Is the owner of the land where the subsurface area drip dispersal system is located the same as owner of the wastewater treatment facility, the site where the wastewater treatment facility is located, or the owner of the subsurface area drip dispersal system?

Yes ☒ No ☐

If **no**, identify the name of all corporations or other business entities managed, owned, or otherwise closely related to the entity identified in item 1.E.

Click here to enter text

Section 2. Subsurface Area Drip Dispersal System (Instructions Page 84)

A. Type of system

☒ Subsurface Drip Irrigation

☐ Surface Drip Irrigation

☐ Other, specify: Click here to enter text

B. Irrigation operations

Application area, in acres: 2.75

Infiltration Rate, in inches/hour: 0.05

Average slope of the application area, percent (%): 3

Maximum slope of the application area, percent (%): 5

Storage volume, in gallons: 36,000

Major soil series: Brackett-Rock outcrop-Comfort Complex

Depth to groundwater, in feet: >350

C. Application rate

Is the facility located **west** of the boundary shown in *30 TAC § 222.83* **and**

also using a vegetative cover of non-native grasses over seeded with cool