Administrative Package Cover Page

This file contains the following documents:

1. Summary of application (in plain language)
   - English
   - Alternative Language (Spanish)
2. First Notice (NORI-Notice of Receipt of Application and Intent to Obtain a Permit)
   - English
   - Alternative Language (Spanish)
3. Application materials

Portada de Paquete Administrativo

Este archivo contiene los siguientes documentos:

1. Resumen en lenguaje sencillo (PLS, por sus siglas en inglés) de la actividad propuesta
   - Inglés
   - Idioma alternativo (español)
2. Primer aviso (NORI, por sus siglas en inglés)
   - Inglés
   - Idioma alternativo (español)
3. Solicitud original

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUMMARY OF APPLICATION IN PLAIN LANGUAGE FOR TPDES OR TLAP PERMIT APPLICATIONS

Summary of Application (in plain language) Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

Applicants should use this template to develop a plain language summary of your facility and application as required by Title 30, Texas Administrative Code (30 TAC), Chapter 39, Subchapter H. You may modify the template as necessary to accurately describe your facility as long as the summary includes the following information: (1) the function of the proposed plant or facility; (2) the expected output of the proposed plant or facility; (3) the expected pollutants that may be emitted or discharged by the proposed plant or facility; and (4) how you will control those pollutants, so that the proposed plant will not have an adverse impact on human health or the environment.

Fill in the highlighted areas below to describe your facility and application in plain language. Instructions and examples are provided below. Make any other edits necessary to improve readability or grammar and to comply with the rule requirements. After filling in the information for your facility delete these instructions.

If you are subject to the alternative language notice requirements in 30 TAC Section 39.426, **you must provide a translated copy of the completed plain language summary in the appropriate alternative language as part of your application package**. For your convenience, a Spanish template has been provided below.

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS DOMESTIC WASTEWATER/STORMWATER

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and is not a federal enforceable representation of the permit application.

Wall Independent School District (CN600861777) operates Wall School Campus WWTP (RN101608875), an activated sludge process plant using the extended aeration mode. The facility is located at 8065 Loop 570, in Wall, Tom Green County, Texas 76957. This application is to re-permit the existing TLAP with irrigation . This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain 5-Day Biological Oxygen Demand. Domestic wastewater is treated by an activated sludge process consisting of two bar screens, two aeration basins, two clarifiers, two digesters and two chlorine contact chambers..

PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS/RENOVACIONES/ENMIENDAS DE TPDES o TLAP

AGUAS RESIDUALES DOMÉSTICAS **/AGUAS PLUVIALES**

El siguiente resumen se proporciona para esta solicitud de permiso de calidad del agua pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas según lo requerido por el Capítulo 39 del Código Administrativo de Texas 30. La información proporcionada en este resumen puede cambiar durante la revisión técnica de la solicitud y no es una representación ejecutiva fedérale de la solicitud de permiso.

Wall Independent School District (CN600861777) opera Wall School Campus WWTP RN101608875, una planta de proceso de lodos activados que utiliza el modo de aireación extendida . La instalación está ubicada en 8065 Loop 570, en 76957, Condado de Tom Green, Texas 76957. Esta solicitud es para Volver a permitir el TLAP existente con riego. Este permiso no autorizará una descarga de contaminantes en el agua en el estado.

Se espera que las descargas de la instalación contengan demanda biológica de oxígeno de 5 días. Aguas residuales domésticas . está tratado por by un proceso de lodos activados que consta de dos rejillas de barras, dos tanques de aireación, dos clarificadores, dos digestores y dos cámaras de contacto con cloro.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

NOTICE OF RECEIPT OF APPLICATION AND INTENT TO OBTAIN WATER QUALITY PERMIT

PROPOSED PERMIT NO. WQ0013421002

APPLICATION. Wall Independent School District, P.O. Box 259, Wall, Texas 76957, has applied to the Texas Commission on Environmental Quality (TCEQ) for proposed Texas Land Application Permit (TLAP) No. WQ0013421002 to authorize the disposal of treated wastewater at a volume not to exceed a daily average flow of 18,000 gallons per day via surface irrigation of 3.5 acres of non-public access agricultural land. The domestic wastewater treatment facility and disposal area are located at 8065 Loop 570, near Wall, in Tom Green County, Texas 76957. Authorization for disposal was previously permitted by expired Permit No. WQ0013421001. TCEQ received this application on November 5, 2025. The permit application will be available for viewing and copying at Wall Independent School District Administration Building, 8065 Loop 570, Wall, in Tom Green County, Texas prior to the date this notice is published in the newspaper. The application is available for viewing and copying at the following webpage: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-applications. This link to an electronic map of the site or facility's general location is provided as a public courtesy and not part of the application or notice. For the exact location, refer to the application. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-100.306388,31.370555&level=18

ALTERNATIVE LANGUAGE NOTICE. Alternative language notice in Spanish is available at: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-applications. El aviso de idioma alternativo en español está disponible en https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-applications.

ADDITIONAL NOTICE. TCEQ's Executive Director has determined the application is administratively complete and will conduct a technical review of the application. After technical review of the application is complete, the Executive Director may prepare a draft permit and will issue a preliminary decision on the application. **Notice of the Application and Preliminary Decision will be published and mailed to those who are on the county-wide mailing list and to those who are on the mailing list for this application. That notice will contain the deadline for submitting public comments.**

PUBLIC COMMENT / PUBLIC MEETING. You may submit public comments or request a public meeting on this application. The purpose of a public meeting is to provide the opportunity to submit comments or to ask questions about the application. TCEQ will hold a public meeting if the Executive Director determines that there is a significant degree of public

interest in the application or if requested by a local legislator. A public meeting is not a contested case hearing.

OPPORTUNITY FOR A CONTESTED CASE HEARING. After the deadline for submitting public comments, the Executive Director will consider all timely comments and prepare a response to all relevant and material, or significant public comments. **Unless the application is directly referred for a contested case hearing, the response to comments, and the Executive Director's decision on the application, will be mailed to everyone who submitted public comments and to those persons who are on the mailing list for this application. If comments are received, the mailing will also provide instructions for requesting reconsideration of the Executive Director's decision and for requesting a contested case hearing.** A contested case hearing is a legal proceeding similar to a civil trial in state district court.

TO REQUEST A CONTESTED CASE HEARING, YOU MUST INCLUDE THE FOLLOWING ITEMS IN YOUR REQUEST: your name, address, phone number; applicant's name and proposed permit number; the location and distance of your property/activities relative to the proposed facility; a specific description of how you would be adversely affected by the facility in a way not common to the general public; a list of all disputed issues of fact that you submit during the comment period and, the statement "[I/we] request a contested case hearing." If the request for contested case hearing is filed on behalf of a group or association, the request must designate the group's representative for receiving future correspondence; identify by name and physical address an individual member of the group who would be adversely affected by the proposed facility or activity; provide the information discussed above regarding the affected member's location and distance from the facility or activity; explain how and why the member would be affected; and explain how the interests the group seeks to protect are relevant to the group's purpose.

Following the close of all applicable comment and request periods, the Executive Director will forward the application and any requests for reconsideration or for a contested case hearing to the TCEQ Commissioners for their consideration at a scheduled Commission meeting.

The Commission may only grant a request for a contested case hearing on issues the requestor submitted in their timely comments that were not subsequently withdrawn. **If a hearing is granted, the subject of a hearing will be limited to disputed issues of fact or mixed questions of fact and law relating to relevant and material water quality concerns submitted during the comment period.**

MAILING LIST. If you submit public comments, a request for a contested case hearing or a reconsideration of the Executive Director's decision, you will be added to the mailing list for this specific application to receive future public notices mailed by the Office of the Chief Clerk. In addition, you may request to be placed on: (1) the permanent mailing list for a specific applicant name and permit number; and/or (2) the mailing list for a specific county. If you wish to be placed on the permanent and/or the county mailing list, clearly specify which list(s) and send your request to TCEQ Office of the Chief Clerk at the address below.

INFORMATION AVAILABLE ONLINE. For details about the status of the application, visit the Commissioners' Integrated Database at www.tceq.texas.gov/goto/cid. Search the database using the permit number for this application, which is provided at the top of this notice.

AGENCY CONTACTS AND INFORMATION. All public comments and requests must be submitted either electronically at **https://www14.tceq.texas.gov/epic/eComment/**, or in writing to the Texas Commission on Environmental Quality, Office of the Chief Clerk, MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Please be aware that any contact information you provide, including your name, phone number, email address and physical address will become part of the agency's public record. For more information about this permit application or the permitting process, please call the TCEQ Public Education Program, Toll Free, at 1-800-687-4040 or visit their website at www.tceq.texas.gov/goto/pep. Si desea información en Español, puede llamar al 1-800-687-4040.

Further information may also be obtained from Wall Independent School District at the address stated above or by calling Mr. Russell Dacy, Superintendent, at 325-651-7790.

Issuance Date: December 2, 2025

Comisión de Calidad Ambiental del Estado de Texas

AVISO DE RECIBO DE LA SOLICITUD Y
EL INTENTO DE OBTENER PERMISO PARA LA CALIDAD DEL AGUA

PERMISO PROPUESTO NO. WQ0013421002

SOLICITUD. Wall Independent School District, P.O. Box 259, Wall Texas, 76957, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0013421001 de disposición de aguas residuales para autorizar la disposición de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de 18,000 galones por día mediante el riego superficial de 3.5 acres de tierras agrícolas de acceso no público. La planta y el área de disposición estarán ubicados 8065 Loop 570, cerca Wall en el Condado de Tom Green, Texas 76957. La autorización para la disposición estaba permitida anteriormente por el Permiso vencido No. WQ0013421001. La TCEQ recibió esta solicitud el 5 de noviembre de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Wall Independent School District Administration Building, 8065 Loop 570, Wall en Condado de Tom Green antes de la fecha de publicación de este aviso en el periódico. La solicitud está disponible para su visualización y copia en la siguiente página web: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-applications. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud. https://gisweb.tceq.texas.gov/LocationMapper/?marker=-100.306388,31.370555&level=18

AVISO DE IDIOMA ALTERNATIVO. El aviso de idioma alternativo en español está disponible en https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-applications.

AVISO ADICIONAL. El Director Ejecutivo de la TCEQ ha determinado que la solicitud es administrativamente completa y conducirá una revisión técnica de la solicitud. Después de completar la revisión técnica, el Director Ejecutivo puede preparar un borrador del permiso y emitirá una Decisión Preliminar sobre la solicitud. **El aviso de la solicitud y la decisión preliminar serán publicados y enviado a los que están en la lista de correo de las personas a lo largo del condado que desean recibir los avisos y los que están en la lista de correo que desean recibir avisos de esta solicitud. El aviso dará la fecha límite para someter comentarios públicos.**

COMENTARIO PUBLICO / REUNION PUBLICA. Usted puede presentar comentarios públicos o pedir una reunión pública sobre esta solicitud. El propósito de una reunión pública es dar la oportunidad de presentar comentarios o hacer preguntas acerca de la solicitud. La TCEQ realiza una reunión pública si el Director Ejecutivo determina que hay un grado de interés público suficiente en la solicitud o si un legislador local lo pide. Una reunión pública no es

una audiencia administrativa de lo contencioso.

OPORTUNIDAD DE UNA AUDIENCIA ADMINISTRATIVA DE LO CONTENCIOSO. Después del plazo para presentar comentarios públicos, el Director Ejecutivo considerará todos los comentarios apropiados y preparará una respuesta a todo los comentarios públicos esenciales, pertinentes, o significativos. **A menos que la solicitud haya sido referida directamente a una audiencia administrativa de lo contencioso, la respuesta a los comentarios y la decisión del Director Ejecutivo sobre la solicitud serán enviados por correo a todos los que presentaron un comentario público y a las personas que están en la lista para recibir avisos sobre esta solicitud. Si se reciben comentarios, el aviso también proveerá instrucciones para pedir una reconsideración de la decisión del Director Ejecutivo y para pedir una audiencia administrativa de lo contencioso.** Una audiencia administrativa de lo contencioso es un procedimiento legal similar a un procedimiento legal civil en un tribunal de distrito del estado.

PARA SOLICITAR UNA AUDIENCIA DE CASO IMPUGNADO, USTED DEBE INCLUIR EN SU SOLICITUD LOS SIGUIENTES DATOS: su nombre, dirección, y número de teléfono; el nombre del solicitante y número del permiso; la ubicación y distancia de su propiedad/actividad con respecto a la instalación; una descripción específica de la forma cómo usted sería afectado adversamente por el sitio de una manera no común al público en general; una lista de todas las cuestiones de hecho en disputa que usted presente durante el período de comentarios; y la declaración "[Yo/nosotros] solicito/solicitamos una audiencia de caso impugnado". Si presenta la petición para una audiencia de caso impugnado de parte de un grupo o asociación, debe identificar una persona que representa al grupo para recibir correspondencia en el futuro; identificar el nombre y la dirección de un miembro del grupo que sería afectado adversamente por la planta o la actividad propuesta; proveer la información indicada anteriormente con respecto a la ubicación del miembro afectado y su distancia de la planta o actividad propuesta; explicar cómo y porqué el miembro sería afectado; y explicar cómo los intereses que el grupo desea proteger son pertinentes al propósito del grupo.

Después del cierre de todos los períodos de comentarios y de petición que aplican, el Director Ejecutivo enviará la solicitud y cualquier petición para reconsideración o para una audiencia de caso impugnado a los Comisionados de la TCEQ para su consideración durante una reunión programada de la Comisión.

La Comisión sólo puede conceder una solicitud de una audiencia de caso impugnado sobre los temas que el solicitante haya presentado en sus comentarios oportunos que no fueron retirados posteriormente. **Si se concede una audiencia, el tema de la audiencia estará limitado a cuestiones de hecho en disputa o cuestiones mixtas de hecho y de derecho relacionadas a intereses pertinentes y materiales de calidad del agua que se hayan presentado durante el período de comentarios.**

LISTA DE CORREO. Si somete comentarios públicos, un pedido para una audiencia administrativa de lo contencioso o una reconsideración de la decisión del Director Ejecutivo, la Oficina del Secretario Principal enviará por correo los avisos públicos en relación con la solicitud. Además, puede pedir que la TCEQ ponga su nombre en una o más de las listas correos siguientes (1) la lista de correo permanente para recibir los avisos del solicitante indicado por nombre y número del permiso específico y/o (2) la lista de correo de todas las

solicitudes en un condado especifico. Si desea que se agrega su nombre en una de las listas designe cual lista(s) y envía por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

INFORMACIÓN DISPONIBLE EN LÍNEA. Para detalles sobre el estado de la solicitud, favor de visitar la Base de Datos Integrada de los Comisionados en www.tceq.texas.gov/goto/cid. Para buscar en la base de datos, utilizar el número de permiso para esta solicitud que aparece en la parte superior de este aviso.

CONTACTOS E INFORMACIÓN A LA AGENCIA. Todos los comentarios públicos y solicitudes deben ser presentadas electrónicamente vía http://www14.tceq.texas.gov/epic/eComment/ o por escrito dirigidos a la Comisión de Texas de Calidad Ambiental, Oficial de la Secretaría (Office of Chief Clerk), MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Tenga en cuenta que cualquier información personal que usted proporcione, incluyendo su nombre, número de teléfono, dirección de correo electrónico y dirección física pasarán a formar parte del registro público de la Agencia. Para obtener más información acerca de esta solicitud de permiso o el proceso de permisos, llame al programa de educación pública de la TCEQ, gratis, al 1-800-687-4040. Si desea información en Español, puede llamar al 1-800-687-4040.

También se puede obtener información adicional del Wall Independent School District a la dirección indicada arriba o llamando a Sr. Russell Dacy, Superintendente, al 325-651-7790.

Fecha de emisión: 2 de diciembre de 2025

Leah Whallon

From: Consulting Environmental Engineers, Inc. <ceeinc@ceeinc.org>
Sent: Monday, November 17, 2025 9:26 AM
To: Leah Whallon; russell.dacy@wallisd.net
Subject: Re: Application for Proposed Permit No. WQ0013421002; Wall Independent School District; Wall School Campus WWTP
Attachments: NOD Response.pdf; Affected Owners Mailing List.docx; Municipal Disposal New Spanish NORI.docx

Follow Up Flag: Follow up
Flag Status: Flagged

Ms. Whallon,

Please see the attached NOD response, affected landowner's labels word document and the Spanish translated NORI as a word document.

Thank you,
Cade Elkins

consulting environmental engineers, inc.
150 n. harbin dr. - suite 408
stephenville, texas 76401
phone: (254) 968-8130
fax: (254) 968-8134

Website: www.ceeinc.org

This e-mail may contain confidential and privileged material for the sole use of the intended recipient. Any review, use, distribution or disclosure by others is strictly prohibited. If you are not the intended recipient (or authorized to receive for the recipient), please contact the sender and delete all copies of this message.

From: Leah Whallon <Leah.Whallon@Tceq.Texas.Gov>
Sent: Thursday, November 13, 2025 4:30 PM
To: russell.dacy@wallisd.net <russell.dacy@wallisd.net>; Consulting Environmental Engineers, Inc. <ceeinc@ceeinc.org>
Subject: Application for Proposed Permit No. WQ0013421002; Wall Independent School District; Wall School Campus WWTP

Good Afternoon,

Please see the attached Notice of Deficiency letter dated November 13, 2025, requesting additional information needed to declare the application administratively complete. Please send the complete response by November 27, 2025.

Please let me know if you have any questions.

Thank you,

Leah Whallon
Texas Commission on Environmental Quality
Water Quality Division
512-239-0084
leah.whallon@tceq.texas.gov

How is our customer service? Fill out our online customer satisfaction survey at www.tceq.texas.gov/customersurvey

consulting environmental engineers, inc.

Main Office:
150 N. Harbin Drive – Suite 408
Stephenville, TX 76401
Phone: (254) 968-8130
Fax: (254) 968-8134

Branch Office:
2202 S. CR 1086
Midland, TX 79706
Phone: (817) 504-8390
www.ceeinc.org

email: ceeinc@ceeinc.org

Registered Firm: F-2323

November 17, 2025

Texas Commission on Environmental Quality
Water Quality Division (MC 148)
Austin, Texas 78711-3087

Attn: Ms. Leah Whallon

Re: Deficient Information Response Permit No. WQ0013421002

Dear Ms. Whallon,

In response to your recent email dated November 13, 2025, we respectfully submit the following information:

Administrative

1) Administrative Report 1.0 Section 9, Item E: The owner of the effluent disposal site is Wall Independent School Distrct, and Item Section 9, Item E has been updated.

2) Administrative Report 1.1, Section 1: The affected landowner list formatted for mailing labels is enclosed in the email.

3) The Notice of Receipt of Application and Intent to Obtain a Water Quality Permit is correct.

4) The Spanish translated NORI is enclosed in the email.

I believe that is all that is required at this time. If you need further information, please contact us at your convenience.

Charles P. Gillespie III
Vice-President

E. Owner of effluent disposal site:

Prefix: Click to enter text. Last Name, First Name: Click to enter text.

Title: Click to enter text. Credential: Click to enter text.

Organization Name: Wall Independent School District

Mailing Address: P.O. Box 259 City, State, Zip Code: Wall, TX 76957

Phone No.: 325-651-7790 E-mail Address: Russell.dacy@wallisd.net

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 to enter text.

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

Prefix: Click to enter text. Last Name, First Name: Click to enter text.

Title: Click to enter text. Credential: Click to enter text.

Organization Name: Click to enter text.

Mailing Address: Click to enter text. City, State, Zip Code: Click to enter text.

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

Section 10. TPDES Discharge Information (Instructions Page 31)

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:

Click to enter text.

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 to enter text.

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

County in which the outfalls(s) is/are located: Click 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

SCHNIERS DOYLE
6959 HILTON HEAD BLVD
SAN ANGELO TX 76904

SCHNIERS LAVERNE
6979 FM 765
SAN ANGELO TX 76905

WILDE HARVEY G
7902 WOOD RD
SAN ANGELO TX 76094

WILDE DALE E & LAURA F
PO BOX 292
WALL TX 76957

NINE OAKS ENTERPRISES INC
2152 SCHWARTZ RD
SAN ANGELO TX 76904

BUBENIK CHRIS & PILAND JOYCE BUBENIK
1613 STONELAKE DR
SAN ANGELO TX 76904

TORRES FRANCISCO & MARIA LEONOR
PO BOX 252
WALL TX 76957

WALL VOLUNTEER FIRE DEPT
PO BOX 820
WALL TX 76957

HARRIS BOBY CAVE -DECEASED
PO BOX 312
WALL TX 76957

TRUSTEES OF WALL INDEPENDENT SCHOOL DISTRICT
8065 LOOP 570
WALL TX 76957

WALL BRETHERN CHURCH INC
PO BOX 195
WALL TX 76957

MC CASLAND BRENT
940 ARROYO ST
SAN ANGELO TX 76903

DIERSCHKE LARRY
7465 FM 765
SAN ANGELO TX 76905

DIERSCHKE LARRY & DONNA
7465 FM 765
SAN ANGELO TX 76905

BOOK VIOLA MAE
PO BOX 51
VANCOURT TX 76955

MOELLER DALTON E & MARILYN
PO BOX 285
WALL TX 76957

TIMM SHERYL
PO BOX 315
WALL TX 76957

NORTON EUREKA
PO BOX 316
WALL TX 76957

HOLIK ERIK G
PO BOX 302
WALL TX 76957

B & E FARMS LLC & S &R TRUST
10327 HAWK AVE
SAN ANGELO TX 76904

DANIEL ELLIOTT LYNN
PO BOX 193
WALL TX 76957

CROUCH JARLD M
10011 WOOD LEAF CT
BAYTOWN TX 77521

GEORGE KAROLYN M CROUCH
PO BOX 207
WALL TX 76957

CROUCH KENNETH ET AL
263 COUNTY ROAD 429
CHILTON TX 76632

CROUCH CONSTRUCTION
JR & KG & JM CROUCH PRTNS
PO BOX 61278
SAN ANGELO TX 76906

DIERSCHKE DUSTIN R
12501 RASBERRY LANE
SAN ANGELO TX 76904

TO WHOM IT MAY CONCERN
8401 LOOP 570
WALL TX 76957

MORRISON DENNIS HAROLD JR
7545 PLANTATION CT #262
WALL TX 76957

ODOM CHRISTOPHER J & ELIZABETH M TRTEES
PO BOX 213
WALL TX 76957

DICKEY TRACEY B & READE C
7920 SKYLAKE DR
FORT WORTH TX 76179

SMITH TYE H & KRISTI A
PO BOX 282
WALL TX 76957

Comisión de Calidad Ambiental del Estado de Texas

AVISO DE RECIBO DE LA SOLICITUD Y
EL INTENTO DE OBTENER PERMISO PARA LA CALIDAD DEL AGUA

PERMISO PROPUESTO NO. WQ0013421002

SOLICITUD. *Wall Independent School District, P.O. Box 259, Wall Texas, 76957*, ha solicitado a la Comisión de Calidad Ambiental del Estado de Texas (TCEQ) para el propuesto Permiso No. WQ0013421001 de disposición de aguas residuales para autorizar la disposición de aguas residuales tratadas en un volumen que no sobrepasa un flujo promedio diario de *18,000* galones por día mediante el *riego superficial de 3.5 acres de tierras agrícolas de acceso no público*. La planta y el área de disposición estarán ubicados 8065 Loop 570, cerca Wall en el Condado de Tom Green, Texas 76957. La TCEQ recibió esta solicitud el 5 de noviembre de 2025. La solicitud para el permiso estará disponible para leerla y copiarla en Wall Independent School District Administration Building, 8065 Loop 570, Wall en Condado de Tom Green antes de la fecha de publicación de este aviso en el periódico. La solicitud está disponible para su visualización y copia en la siguiente página web: https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-applications. Este enlace a un mapa electrónico de la ubicación general del sitio o de la instalación es proporcionado como una cortesía y no es parte de la solicitud o del aviso. Para la ubicación exacta, consulte la solicitud. *https://gisweb.tceq.texas.gov/LocationMapper/?marker=-100.306388,31.370555&level=18*

AVISO DE IDIOMA ALTERNATIVO. El aviso de idioma alternativo en español está disponible en https://www.tceq.texas.gov/permitting/wastewater/pending-permits/tlap-applications.

AVISO ADICIONAL. El Director Ejecutivo de la TCEQ ha determinado que la solicitud es administrativamente completa y conducirá una revisión técnica de la solicitud. Después de completar la revisión técnica, el Director Ejecutivo puede preparar un borrador del permiso y emitirá una Decisión Preliminar sobre la solicitud. **El aviso de la solicitud y la decisión preliminar serán publicados y enviado a los que están en la lista de correo de las personas a lo largo del condado que desean recibir los avisos y los que están en la lista de correo que desean recibir avisos de esta solicitud. El aviso dará la fecha límite para someter comentarios públicos.**

COMENTARIO PUBLICO / REUNION PUBLICA. Usted puede presentar comentarios públicos o pedir una reunión pública sobre esta solicitud. El propósito de una reunión pública es dar la oportunidad de presentar comentarios o hacer preguntas acerca de la solicitud. La TCEQ realiza una reunión pública si el Director Ejecutivo determina que hay un grado de interés público suficiente en la solicitud o si un legislador local lo pide. Una reunión pública no es una audiencia administrativa de lo contencioso.

OPORTUNIDAD DE UNA AUDIENCIA ADMINISTRATIVA DE LO CONTENCIOSO. Después del plazo para presentar comentarios públicos, el Director Ejecutivo considerará todos los comentarios apropiados y preparará una respuesta a todo los comentarios públicos esenciales, pertinentes, o significativos. **A menos que la solicitud haya sido referida directamente a una audiencia administrativa de lo contencioso, la respuesta a los comentarios y la decisión del Director Ejecutivo sobre la solicitud serán enviados por correo a todos los que presentaron un comentario público y a las personas que están en la lista para recibir avisos sobre esta solicitud. Si se reciben comentarios, el aviso también proveerá instrucciones para pedir una reconsideración de la decisión del Director Ejecutivo y para pedir una audiencia administrativa de lo contencioso.** Una audiencia administrativa de lo contencioso es un procedimiento legal similar a un procedimiento legal civil en un tribunal de distrito del estado.

PARA SOLICITAR UNA AUDIENCIA DE CASO IMPUGNADO, USTED DEBE INCLUIR EN SU SOLICITUD LOS SIGUIENTES DATOS: su nombre, dirección, y número de teléfono; el nombre del solicitante y número del permiso; la ubicación y distancia de su propiedad/actividad con respecto a la instalación; una descripción específica de la forma cómo usted sería afectado adversamente por el sitio de una manera no común al público en general; una lista de todas las cuestiones de hecho en disputa que usted presente durante el período de comentarios; y la declaración "[Yo/nosotros] solicito/solicitamos una audiencia de caso impugnado". Si presenta la petición para una audiencia de caso impugnado de parte de un grupo o asociación, debe identificar una persona que representa al grupo para recibir correspondencia en el futuro; identificar el nombre y la dirección de un miembro del grupo que sería afectado adversamente por la planta o la actividad propuesta; proveer la información indicada anteriormente con respecto a la ubicación del miembro afectado y su distancia de la planta o actividad propuesta; explicar cómo y porqué el miembro sería afectado; y explicar cómo los intereses que el grupo desea proteger son pertinentes al propósito del grupo.

Después del cierre de todos los períodos de comentarios y de petición que aplican, el Director Ejecutivo enviará la solicitud y cualquier petición para reconsideración o para una audiencia de caso impugnado a los Comisionados de la TCEQ para su consideración durante una reunión programada de la Comisión.

La Comisión sólo puede conceder una solicitud de una audiencia de caso impugnado sobre los temas que el solicitante haya presentado en sus comentarios oportunos que no fueron retirados posteriormente. **Si se concede una audiencia, el tema de la audiencia estará limitado a cuestiones de hecho en disputa o cuestiones mixtas de hecho y de derecho relacionadas a intereses pertinentes y materiales de calidad del agua que se hayan presentado durante el período de comentarios.**

LISTA DE CORREO. Si somete comentarios públicos, un pedido para una audiencia administrativa de lo contencioso o una reconsideración de la decisión del Director Ejecutivo, la Oficina del Secretario Principal enviará por correo los avisos públicos en relación con la solicitud. Además, puede pedir que la TCEQ ponga su nombre en una o más de las listas correos siguientes (1) la lista de correo permanente para recibir los avisos del solicitante indicado por nombre y número del permiso específico y/o (2) la lista de correo de todas las solicitudes en un condado especifico. Si desea que se agrega su nombre en una de las listas

designe cual lista(s) y envía por correo su pedido a la Oficina del Secretario Principal de la TCEQ.

INFORMACIÓN DISPONIBLE EN LÍNEA. Para detalles sobre el estado de la solicitud, favor de visitar la Base de Datos Integrada de los Comisionados en www.tceq.texas.gov/goto/cid. Para buscar en la base de datos, utilizar el número de permiso para esta solicitud que aparece en la parte superior de este aviso.

CONTACTOS E INFORMACIÓN A LA AGENCIA. Todos los comentarios públicos y solicitudes deben ser presentadas electrónicamente vía http://www14.tceq.texas.gov/epic/eComment/ o por escrito dirigidos a la Comisión de Texas de Calidad Ambiental, Oficial de la Secretaría (Office of Chief Clerk), MC-105, P.O. Box 13087, Austin, Texas 78711-3087. Tenga en cuenta que cualquier información personal que usted proporcione, incluyendo su nombre, número de teléfono, dirección de correo electrónico y dirección física pasarán a formar parte del registro público de la Agencia. Para obtener más información acerca de esta solicitud de permiso o el proceso de permisos, llame al programa de educación pública de la TCEQ, gratis, al 1-800-687-4040. Si desea información en Español, puede llamar al 1-800-687-4040.

También se puede obtener información adicional del Wall Independent School District a la dirección indicada arriba o llamando a *Mr. Russell Dacy, Superintendent* al 325-651-7790.

Fecha de emisión: *[Date notice issued]*

~~TPDES~~ Permit New Application Submittal

Submitted to:

Texas Commission on Environmental Quality
Application Review & Processing Team (MC-148)
P.O. Box 13087
Austin, Texas 78711-3087

For:

Wall ISD
Wall School Campus WWTP
8065 Loop 570
Wall, TX 76957

Owner:

Wall ISD
PO Box 259
Wall, Texas 76957

Issue Date: November 5, 2025

Prepared Either By or

Under the Direction of Jeffrey D. Hunter, P.E

consulting environmental engineers, inc.

Main Office:
150 N. Harbin Drive – Suite 408
Stephenville, TX 76401
Phone: (254) 968-8130
Fax: (254) 968-8134
Registered Firm: F-2323

Branch Office:
11504 PR 7440
Wolfforth, TX 79382
Phone: (817) 504-8390
www.ceeinc.org
email: ceeinc@ceeinc.org

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Wall ISD WWTP
Exhibit Cross Reference

Exhibit I.D.	Description	Reference
I	Project Summary	
II	Core Data Form 10400	Section 3 (C) page 4 of 21
III	Topographic Map	Item 13, page 11 of 20
IV	Affected Landowners Map	Item 1 (a), page 13 of 20
V	Affected Landowners Cross Reference	Item 1 (b), page 13 of 20
VI	Affected Landowners USB	Item 1 (c), page 13 of 20
VII VII(a)	Photographs Photograph Location map	Item 2, page 14 of 20
VIII	Buffer Zone Map	Item 3 (a), page 14 of 20
IX	SPIF Topographic Map	Item 5, page 16 of 20
X	Flow Diagram	Item 2 (c), page 2 of 79
XI	Site Drawing	Item 3, page 3 of 79
XII	Annual Cropping Plan	Section 5, page 38 of 80
XIII	Soil Map	Section 8, page 40 of 80
XIV	Soil Analysis	Section 8, page 40 of 80
XV	Effluent Analysis	Section 7, page 10 of 66
XVI	Close Proximity WWTP Data	Item 3, page 22 of 79
XVII	Design Calculations	Item 4, page 24 of 79
XVIII	Flood Plain Map	Item 5 (a), page 25 of 79
XIX	Well Map	Section 6, page 38 of 80
XX	Well ID	Section 6, Page 39 of 80

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Wall ISD WWTP
Exhibit Cross Reference

Exhibit I.D.	Description	Reference
XXI	Wind Rose	Item 5 (b), page 25 of 79
XXII	Sewage Sludge Solids Management	Item 7, page 26 of 79
XXIII	Sludge Disposal Site Written Statement	
XXIV	Water Balance	
XXV	Copy of Check	
XXVI	Summary Transmittal Letter Approval	
XXVII	Plain Language Summary Form 20972	
XXVIII	Public Involvement Plan Form 20960	
XXIX	Domestic Administrative Report Form 10053	
XXX	Domestic Technical Report Form 10054	

Exhibit I
Wall ISD
Project Summary

consulting environmental engineers, inc.

150 n. harbin drive – suite 408 • stephenville, tx 76401
phone: (254) 968-8130 fax: (254) 968-8134
email: ceeinc@ceeinc.org registered firm: #F-2323

PROJECT SUMMARY

Wall ISD has an existing wastewater treatment plant that has been in operation since 1988. Recently their wastewater permit, numbered WQ0013421001 was allowed to expire. This application is for a replacement TLAP permit to service the school facilities. The WWTP was designed and built in accordance with TAC 317 rules and the summary transmittal letter approval is included in the application.

The existing system provides waste water treatment for the approximate 1,200 students and staff and utilizes an 18,000-gallon wastewater treatment facility. The adjacent property to the north is residential lots, and Loop 570, across from which are more residential homes. To the east is a small subdivision. To the south is HWY 87 across from which is agricultural land. To the west is agricultural land and grain silos.

The system is not located within the boundaries of any CCNs, and there are no nearby WWTPs within three miles.

The majority of the requested historical effluent monitoring data is not available as there was a recent operator change, and the previous operator failed to keep the data on file. A new operator began work on the facility in September, 2025.

Exhibit XXVIII
Wall ISD
Domestic Administrative Report Form 10053

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST

Complete and submit this checklist with the application.

APPLICANT NAME: Wall Independent School District

PERMIT NUMBER (If new, leave blank): WQ00Click to enter text.

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	☒	☐
Summary of Application (PLS)	☒	☐	Flow Diagram	☒	☐
Public Involvement Plan Form	☒	☐	Site Drawing	☒	☐
Technical Report 1.0	☒	☐	Original Photographs	☒	☐
Technical Report 1.1	☒	☐	Design Calculations	☒	☐
Worksheet 2.0	☐	☒	Solids Management Plan	☒	☐
Worksheet 2.1	☐	☒	Water Balance	☒	☐
Worksheet 3.0	☒	☐			
Worksheet 3.1	☒	☐			
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

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

For any questions about this form, please contact the Applications Review and Processing Team at 512–239–4671.

Section 1. Application Fees (Instructions Page 26)

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: 013763 & 013802

Check/Money Order Amount: $185.00 & $165.00 totaling $350.00

Name Printed on Check: Wall Independent School District

EPAY — Voucher Number: Click to enter text.

Copy of Payment Voucher enclosed? Yes ☐

Section 2. Type of Application (Instructions Page 26)

a. Check the box next to the appropriate authorization type.

☒ Publicly Owned Domestic Wastewater

☐ Privately-Owned Domestic Wastewater

☐ Conventional Water Treatment

b. Check the box next to the appropriate facility status.

☒ Active ☐ Inactive

c. Check the box next to the appropriate permit type.

- ☐ TPDES Permit
- ☒ TLAP
- ☐ TPDES Permit with TLAP component
- ☐ Subsurface Area Drip Dispersal System (SADDS)

d. Check the box next to the appropriate application type

- ☒ New
- ☐ Major Amendment *with* Renewal
- ☐ Major Amendment *without* Renewal
- ☐ Renewal without changes
- ☐ Minor Amendment *with* Renewal
- ☐ Minor Amendment *without* Renewal
- ☐ Minor Modification of permit

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

f. For existing permits:

Permit Number: WQ00 Click to enter text.

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

Expiration Date: Click to enter text.

Section 3. Facility Owner (Applicant) and Co–Applicant Information (Instructions Page 26)

A. The owner of the facility must apply for the permit.

What is the Legal Name of the entity (applicant) applying for this permit?

Wall Independent School District

(The legal name must be spelled exactly as filed with the Texas Secretary of State, County, or in the legal documents forming the entity.)

If the applicant is currently a customer with the TCEQ, what is the Customer Number (CN)? You may search for your CN on the TCEQ website at http://www15.tceq.texas.gov/crpub/

CN: 600861777

What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in *30 TAC § 305.44*.

Prefix: Mr. Last Name, First Name: Dacy, Russell

Title: Superintendent Credential: Click to enter text.

B. Co–applicant information. Complete this section only if another person or entity is required to apply as a co-permittee.

What is the Legal Name of the co-applicant applying for this permit?

Click to enter text.

(The legal name must be spelled exactly as filed with the TX SOS, with the County, or in the legal documents forming the entity.)

If the co-applicant is currently a customer with the TCEQ, what is the Customer Number (CN)? You may search for your CN on the TCEQ website at: http://www15.tceq.texas.gov/crpub/

CN: Click to enter text.

What is the name and title of the person signing the application? The person must be an executive official meeting signatory requirements in *30 TAC § 305.44*.

Prefix: Click to enter text. Last Name, First Name: Click to enter text.

Title: Click to enter text. Credential: Click to enter text.

Provide a brief description of the need for a co-permittee: Click 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. Exhibit II

Section 4. Application Contact Information (Instructions Page 27)

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. Last Name, First Name: Dacy, Russell

Title: Superintendent Credential: Click to enter text.

Organization Name: Wall Independent School District

Mailing Address: PO Box 259 City, State, Zip Code: Wall, TX 76957

Phone No.: 325-651-7790 E-mail Address: Russell.dacy@wallisd.net

Check one or both: ☒ Administrative Contact ☐ Technical Contact

B. Prefix: Mr. Last Name, First Name: Gillespie, Charles

Title: Vice-President Credential: Click to enter text.

Organization Name: Consulting Environmental Engineers, Inc

Mailing Address: 150 N. Harbin Dr., Suite 408 City, State, Zip Code: Stephenville, TX 76401

Phone No.: 254-968-8130 E-mail Address: ceeinc@ceeinc.org

Check one or both: ☐ Administrative Contact ☒ Technical Contact

Section 5. Permit Contact Information (Instructions Page 27)

Provide the names and contact information for two individuals that can be contacted throughout the permit term.

A. Prefix: Mr. Last Name, First Name: Dacy, Russell

Title: Superintendent Credential: Click to enter text.

Organization Name: Wall Independent School District

Mailing Address: PO Box 259 City, State, Zip Code: Wall, TX 76957

Phone No.: 325-651-7790 E-mail Address: Russell.dacy@wallisd.net

B. Prefix: Mr. Last Name, First Name: Covert, Rozz

Title: Transportation Credential: Click to enter text.

Organization Name: Wall Independent School District

Mailing Address: PO Box 259 City, State, Zip Code: Wall, TX 76957

Phone No.: 325-651-7790 E-mail Address: rozz.covert@wallisd.net

Section 6. Billing Contact Information (Instructions Page 27)

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. Last Name, First Name: Dacy, Russell

Title: Superintendent Credential: Click to enter text.

Organization Name: Wall Independent School District

Mailing Address: PO Box 259 City, State, Zip Code: Wall, TX 76957

Phone No.: 325-651-7790 E-mail Address: russell.dacy@wallisd.net

Section 7. DMR/MER Contact Information (Instructions Page 27)

Provide the name and complete mailing address of the person delegated to receive and submit Discharge Monitoring Reports (DMR) (EPA 3320-1) or maintain Monthly Effluent Reports (MER).

Prefix: Mr. Last Name, First Name: Covert, Rozz

Title: Transporation Credential: Click to enter text.

Organization Name: Wall Independent School District

Mailing Address: PO Box 259 City, State, Zip Code: Wall, TX 76957

Phone No.: 325-651-7790 E-mail Address: rozz.covert@wallisd.net

Section 8. Public Notice Information (Instructions Page 27)

A. Individual Publishing the Notices

Prefix: Mr. Last Name, First Name: Gillespie, Charles

Title: Vice-President Credential: Click to enter text.

Organization Name: Consulting Environmental Engineers, Inc

Mailing Address: 150 N. Harbin Dr., Suite 408 City, State, Zip Code: Stephenville, TX 76401

Phone No.: 254-968-8130 E-mail Address: ceeinc@ceeinc.org

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:

☒ ceeinc@ceeinc.org E-mail Address

☐ Fax

☒ 150 N. Harbin Dr., Suite 408, Stephenville, TX 76401 Regular Mail

C. Contact permit to be listed in the Notices

Prefix: Mr. Last Name, First Name: Dacy, Russell

Title: Superintendent Credential: Click to enter text.

Organization Name: Wall Independent School District

Mailing Address: PO Box 259 City, State, Zip Code: Wall, TX 76957

Phone No.: 325-651-7790 E-mail Address: russell.dacy@wallisd.net

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: Wall Independent School District Administration Building

Location within the building: Administration Office

Physical Address of Building: 8065 Loop 570

City: Wall County: Tom Green

Contact (Last Name, First Name): Dacy, Russell

Phone No.: 325-651-7700 Ext.: Click to enter text.

E. Bilingual Notice Requirements

This information **is required** for **new, major amendment, minor amendment or minor modification, and renewal** 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

F. Summary of Application in Plain Language Template

Complete the F. Summary of Application in Plain Language Template (TCEQ Form 20972), also known as the plain language summary or PLS, and include as an attachment.

Attachment: XXV

G. Public Involvement Plan Form

Complete the Public Involvement Plan Form (TCEQ Form 20960) for each application for a **new permit or major amendment to a permit** and include as an attachment.

Attachment: XXVII

Section 9. Regulated Entity and Permitted Site Information (Instructions Page 29)

A. If the site is currently regulated by TCEQ, provide the Regulated Entity Number (RN) issued to this site. **RN** 101808875

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):

Wall School Campus WWTP

C. Owner of treatment facility: Wall Independent School District

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

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

Prefix: Click to enter text. Last Name, First Name: Click to enter text.

Title: Click to enter text. Credential: Click to enter text.

Organization Name: Wall Independent School District

Mailing Address: PO Box 259 City, State, Zip Code: Wall, TX 76597

Phone No.: 325-651-7790 E-mail Address: russell.dacy@wallisd.net

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 to enter text.

E. Owner of effluent disposal site:

Prefix: Click to enter text. Last Name, First Name: Click to enter text.

Title: Click to enter text. Credential: Click to enter text.

Organization Name: Click to enter text.

Mailing Address: Click to enter text. City, State, Zip Code: Click to enter text.

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

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

Prefix: Click to enter text. Last Name, First Name: Click to enter text.

Title: Click to enter text. Credential: Click to enter text.

Organization Name: Click to enter text.

Mailing Address: Click to enter text. City, State, Zip Code: Click to enter text.

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

Section 10. TPDES Discharge Information (Instructions Page 31)

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:

Click to enter text.

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 to enter text.

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

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

Section 11. TLAP Disposal Information (Instructions Page 32)

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:

8065 Loop 570, Wall, TX 76957

B. City nearest the disposal site: Wall

C. County in which the disposal site is located: Tom Green

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

The effluent flows by gravity to holding pond located adjacent to the treatment facility. The effluent is then pumped to a 3.5 acre field where it is distributed through surface irrigation sprinklers.

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

Section 12. Miscellaneous Information (Instructions Page 32)

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 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 to enter text.

D. Do you owe any fees to the TCEQ?

☐ Yes ☒ No

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

Account number: Click to enter text.

Amount past due: Click 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 to enter text.

Amount past due: Click to enter text.

Section 13. Attachments (Instructions Page 33)

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: Click to enter text.

Section 14. Signature Page (Instructions Page 34)

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

Permit Number: Click to enter text.

Applicant: Wall Independent School District

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): Russell Dacy

Signatory title: Superintendent

Signature: Russell Dacy Date: 10/20/25

(Use blue ink)

Subscribed and Sworn to before me by the said Russell Dacy

on this 20th day of October, 2025.

My commission expires on the 18th day of November, 2027.

Monya Waldrop

Notary Public

MONYA DENISE WALDROP
My Notary ID # 124751081
Expires November 18, 2027
[SEAL]

Tom Green

County, Texas

DOMESTIC WASTEWATER PERMIT APPLICATION ADMINISTRATIVE REPORT 1.0

The following information is required for new and amendment applications.

Section 1. Affected Landowner Information (Instructions Page 36)

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 that the landowners list has also been provided as mailing labels in electronic format (Avery 5160).

D. Provide the source of the landowners' names and mailing addresses: Tom Green 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 to enter text.

Section 2. Original Photographs (Instructions Page 38)

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 38)

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

DOMESTIC WASTEWATER PERMIT APPLICATION

SUPPLEMENTAL PERMIT INFORMATION FORM (SPIF)

This form applies to TPDES permit applications only. Complete and attach the Supplemental Permit information Form (SPIF) (TCEQ Form 20971).

Attachment: N/A

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 to enter text.

1. Check or Money Order Number: 013763 & 013802
2. Check or Money Order Amount: $185.00 & $165.00 totaling $350.00
3. Date of Check or Money Order: 10/21/25 & 10/31/25
4. Name on Check or Money Order: Wall Independent School district
5. APPLICATION INFORMATION

   Name of Project or Site: Wall School Campus WWTP

   Physical Address of Project or Site: 8065 Loop 570, Wall, TX 76957

   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

ATTACHMENT 1

INDIVIDUAL INFORMATION

Section 1. Individual Information (Instructions Page 41)

Complete this attachment if the facility applicant or co-applicant is an individual. Make additional copies of this attachment if both are individuals.

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

Full legal name (Last Name, First Name, Middle Initial): Click to enter text.

Driver's License or State Identification Number: Click to enter text.

Date of Birth: Click to enter text.

Mailing Address: Click to enter text.

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

Phone Number: Click to enter text. Fax Number: Click to enter text.

E-mail Address: Click to enter text.

CN: Click to enter text.

For Commission Use Only:
Customer Number:
Regulated Entity Number:
Permit Number:

DOMESTIC WASTEWATER PERMIT APPLICATION CHECKLIST OF COMMON DEFICIENCIES

Below is a list of common deficiencies found during the administrative review of domestic wastewater permit applications. To ensure the timely processing of this application, please review the items below and indicate by checking Yes that each item is complete and in accordance applicable rules at 30 TAC Chapters 21, 281, and 305. If an item is not required this application, indicate by checking N/A where appropriate. Please do not submit the application until the items below have been addressed.

Core Data Form (TCEQ Form No. 10400) ☒ Yes
(Required for all application types. Must be completed in its entirety and signed. Note: Form may be signed by applicant representative.)

Correct and Current Industrial Wastewater Permit Application Forms ☒ Yes
(TCEQ Form Nos. 10053 and 10054. Version dated 6/25/2018 or later.)

Water Quality Permit Payment Submittal Form (Page 19) ☒ Yes
(Original payment sent to TCEQ Revenue Section. See instructions for mailing address.)

7.5 Minute USGS Quadrangle Topographic Map Attached ☒ Yes
(Full–size map if seeking "New" permit. 8 ½ x 11 acceptable for Renewals and Amendments)

Current/Non-Expired, Executed Lease Agreement or Easement ☒ N/A ☐ Yes

Landowners Map ☐ N/A ☒ Yes
(See instructions for landowner requirements)

Things to Know:

- All the items shown on the map must be labeled.
- The applicant's complete property boundaries must be delineated which includes boundaries of contiguous property owned by the applicant.
- The applicant cannot be its own adjacent landowner. You must identify the landowners immediately adjacent to their property, regardless of how far they are from the actual facility.
- If the applicant's property is adjacent to a road, creek, or stream, the landowners on the opposite side must be identified. Although the properties are not adjacent to applicant's property boundary, they are considered potentially affected landowners. If the adjacent road is a divided highway as identified on the USGS topographic map, the applicant does not have to identify the landowners on the opposite side of the highway.

Landowners Labels and Cross Reference List ☐ N/A ☒ Yes
(See instructions for landowner requirements)

Electronic Application Submittal ☒ Yes
(See application submittal requirements on page 23 of the instructions.)

Original signature per 30 TAC § 305.44 – Blue Ink Preferred ☒ Yes
(If signature page is not signed by an elected official or principle executive officer, a copy of signature authority/delegation letter must be attached)

Summary of Application (in Plain Language) ☒ Yes

Exhibit XXIX
Wall ISD
Domestic Technical Report Form 10054

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.0

For any questions about this form, contact the Domestic Permits Team at 512-239-4671.

The following information is required for all renewal, new, and amendment applications.

Section 1. Permitted or Proposed Flows (Instructions Page 42)

A. Existing/Interim I Phase

Design Flow (MGD): 0.018

2-Hr Peak Flow (MGD): 0.054

Estimated construction start date: Existing

Estimated waste disposal start date: Existing

B. Interim II Phase

Design Flow (MGD): Click to enter text.

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

Estimated construction start date: Click to enter text.

Estimated waste disposal start date: Click to enter text.

C. Final Phase

Design Flow (MGD): 0.018

2-Hr Peak Flow (MGD): 0.054

Estimated construction start date: Existing

Estimated waste disposal start date: Existing

D. Current Operating Phase

Provide the startup date of the facility: Operating: 06/10/2008

Section 2. Treatment Process (Instructions Page 42)

A. Current Operating Phase

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, a description of *each phase* must be provided.**

Operating: From 2 lift stations to an equalization chamber, then to a flow splitter box, then to a prepackaged extended aeration system in which sewage passes through a bar screen, thence to parallel aeration chambers and clarifiers. The supernatant flows through chlorine chambers to a holding pond and thence to a spray irrigation system for disposal.

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 1111.0(1) - Treatment Units

Treatment Unit Type	Number of Units	Dimensions (L x W x D)
Aeration Basin Unit 1 Unit 2	2	16' x 9.75' x 8' 11.25' x 9.5' x 12.5'
Aerobic Digester Unit 1 Unit 2	2	7' x 9.17' x 8' 11.25' x 9.5' x 4'
Clarifier Unit 1 Unit 2	2	11.25' x 9.5' x 2.5' 11.25' x 9.5' x 2.5'
Chlorine Chamber Unit 1 Unit 2	2	6.5' x 4' x 8' 11.25' x 9.5' x 2.5'
Equalization Basin	1	11.25' X 8' 20'

C. Process Flow Diagram

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

Attachment: Exhibit X

Section 3. Site Information and Drawing (Instructions Page 43)

Provide the TPDES discharge outfall latitude and longitude. Enter N/A if not applicable.

- Latitude: N/A
- Longitude: N/A

Provide the TLAP disposal site latitude and longitude. Enter N/A if not applicable.

- Latitude: 31.370059
- Longitude: -100.311029

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

Wall ISD – 101.64 acres containing Wall Elementary, Wall Middle School, and Wall High School.

Collection System Information **for wastewater TPDES permits only**: Provide information for each **uniquely owned** collection system, existing and new, served by this facility, including satellite collection systems. **Please see the instructions for a detailed explanation and examples.**

Collection System Information

Collection System Name	Owner Name	Owner Type	Population Served
Wall School Campus WWTP	Wall Independent School District	Publicly Owned	1200
		Choose an item.	
		Choose an item.	
		Choose an item.	

Section 4. Unbuilt Phases (Instructions Page 44)

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 to enter text.

Section 5. Closure Plans (Instructions Page 44)

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 to enter text.

Section 6. Permit Specific Requirements (Instructions Page 44)

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: 8/31/2011

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**.

Click to enter text.

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.

Click to enter text.

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 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 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 512-239-2335. 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 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 512-239-2335.

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

Click 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 to enter text. or TXRNE Click 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 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 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 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 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, attach a Sewage Sludge Solids Management Plan. See Example 5 in the instructions. Exhibit XXII

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

1. Acceptance of sludge from other WWTPs

Does or will the facility accept sludge from other treatment plants at the facility site?

☐ Yes ☒ No

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

In addition, provide the date the plant started 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 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 the date the plant started 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 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 or will the facility 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 to enter text.

Section 7. Pollutant Analysis of Treated Effluent (Instructions Page 49)

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). Provide copies of the laboratory results sheets. **These tables are not applicable for a minor amendment without renewal.** See the instructions for guidance.

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

Table1.0(2) – Pollutant Analysis for Wastewater Treatment Facilities

Pollutant	Average Conc.	Max Conc.	No. of Samples	Sample Type	Sample Date/Time
$CBOD_5$, mg/l	0.6270	-	1	Grab	10/10/25 5:07 PM
Total Suspended Solids, mg/l	4.0	-	1	Grab	10/10/25 5:07 PM
Ammonia Nitrogen, mg/l	2.37	-	1	Grab	10/10/25 5:07 PM
Nitrate Nitrogen, mg/l	1.91	-	1	Grab	10/10/25 5:07 PM
Total Kjeldahl Nitrogen, mg/l	5.60	-	1	Grab	10/10/25 5:07 PM
Sulfate, mg/l	77.7	-	1	Grab	10/10/25 5:07 PM
Chloride, mg/l	289	-	1	Grab	10/10/25 5:07 PM
Total Phosphorus, mg/l	3.73	-	1	Grab	10/10/25 5:07 PM
pH, standard units	6.65	-	1	Grab	10/10/25 5:07 PM
Dissolved Oxygen*, mg/l	-	-	-	-	-
Chlorine Residual, mg/l	2.0	-	1	Grab	10/20/25 7:45 AM
E.coli (CFU/100ml) freshwater	>2419.6	-	1	Grab	10/10/25 5:07 PM
Entercocci (CFU/100ml) saltwater	-	-	-	-	-
Total Dissolved Solids, mg/l	626	-	1	Grab	10/10/25 5:07 PM
Electrical Conductivity, µmohs/cm, †	805	-	1	Grab	10/10/25 5:07 PM

Oil & Grease, mg/l	0	-	1	Grab	10/10/25 5:07 PM
Alkalinity ($CaCO_3$)*, mg/l	17.2	-	1	Grab	10/10/25 5:07 PM

*TPDES permits only
†TLAP permits only

Table1.0(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 49)

Facility Operator Name: Rozz Covert

Facility Operator's License Classification and Level: Wastewater Treatment Operator C

Facility Operator's License Number: WW0067413

Section 9. Sludge and Biosolids Management and Disposal (Instructions Page 50)

A. WWTP's Sewage Sludge or Biosolids Management Facility Type

Check all that apply. See instructions for guidance

- ☐ Design flow>= 1 MGD
- ☐ Serves >= 10,000 people
- ☐ Class I Sludge Management Facility (per 40 CFR § 503.9)
- ☒ Biosolids generator
- ☐ Biosolids end user – land application (onsite)
- ☐ Biosolids end user – surface disposal (onsite)
- ☐ Biosolids end user – incinerator (onsite)

B. WWTP's Sewage Sludge or Biosolids Treatment Process

Check all that apply. See instructions for guidance.

- ☒ Aerobic Digestion
- ☐ Air Drying (or sludge drying beds)
- ☐ Lower Temperature Composting
- ☐ Lime Stabilization
- ☐ Higher Temperature Composting

- ☐ Heat Drying
- ☐ Thermophilic Aerobic Digestion
- ☐ Beta Ray Irradiation
- ☐ Gamma Ray Irradiation
- ☐ Pasteurization
- ☐ Preliminary Operation (e.g. grinding, de-gritting, blending)
- ☐ Thickening (e.g. gravity thickening, centrifugation, filter press, vacuum filter)
- ☐ Sludge Lagoon
- ☐ Temporary Storage (< 2 years)
- ☐ Long Term Storage (>= 2 years)
- ☐ Methane or Biogas Recovery
- ☐ Other Treatment Process: Click to enter text.

C. Sewage Sludge or Biosolids Management

Provide information on the *intended* sewage sludge or biosolids management practice. Do not enter every management practice that you want authorized in the permit, as the permit will authorize all sewage sludge or biosolids management practices listed in the instructions. Rather indicate the management practice the facility plans to use.

Biosolids Management

Management Practice	Handler or Preparer Type	Bulk or Bag Container	Amount (dry metric tons)	Pathogen Reduction Options	Vector Attraction Reduction Option
Other	Off-site Third-Party Handler or Preparer	Choose an item.		N/A: Transported to another facility for further processing	N/A: Trasporrted to another facility for further processing
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.
Choose an item.	Choose an item.	Choose an item.		Choose an item.	Choose an item.

If "Other" is selected for Management Practice, please explain (e.g. monofill or transport to another WWTP): Transported to another WWTP

D. Disposal site

Disposal site name: San Angelo Pro Pump and Dewatering Compost Facility

TCEQ permit or registration number: 2357

County where disposal site is located: Tom Green

E. Transportation method

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

Name of the hauler: Weaver and Sons Septic

Hauler registration number: 21501

Sludge is transported as a:

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

Section 10. Permit Authorization for Sewage Sludge Disposal (Instructions Page 52)

A. Beneficial use authorization

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

☐ Yes ☒ No

If yes, are you requesting to continue this authorization to land apply biosolids 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 Biosolids	☐ 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 53)

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

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

  Attachment: Click to enter text.
- Site map:

  Attachment: Click 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 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 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 to enter text.

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

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

Phosphorus, mg/kg: Click to enter text.

Potassium, mg/kg: Click to enter text.

pH, standard units: Click to enter text.

Ammonia Nitrogen mg/kg: Click to enter text.

Arsenic: Click to enter text.

Cadmium: Click to enter text.

Chromium: Click to enter text.

Copper: Click to enter text.

Lead: Click to enter text.

Mercury: Click to enter text.

Molybdenum: Click to enter text.

Nickel: Click to enter text.

Selenium: Click to enter text.

Zinc: Click to enter text.

Total PCBs: Click to enter text.

Provide the following information:

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

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

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

D. Site development plan

Provide a detailed description of the methods used to deposit sludge in the lagoon(s):

Click to enter text.

Attach the following documents to the application.

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

  Attachment: Click to enter text.
- Copy of the closure plan

  Attachment: Click to enter text.

- Copy of deed recordation for the site

  Attachment: Click to enter text.

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

  Attachment: Click to enter text.

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

  Attachment: Click to enter text.

- Procedures to prevent the occurrence of nuisance conditions

  Attachment: Click 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 to enter text.

Section 12. Authorizations/Compliance/Enforcement (Instructions Page 54)

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 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 to enter text.

Section 13. RCRA/CERCLA Wastes (Instructions Page 55)

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 to enter text.

Section 14. Laboratory Accreditation (Instructions Page 55)

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: Russell Dacy

Title: Superintendent

Signature: Russell Dacy

Date: 10/20/25

DOMESTIC WASTEWATER PERMIT APPLICATION TECHNICAL REPORT 1.1

The following information is required for new and amendment major applications.

Section 1. Justification for Permit (Instructions Page 56)

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.

Wall Independent School District WWTP has been in operation since 2008. Recently Wall ISD failed to renew their existing permit and this application for a new permit is being used to bring them back into TCEQ compliance.

B. Regionalization of facilities

For additional guidance, please review TCEQ's Regionalization Policy for Wastewater Treatment[1].

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 to enter text.

If yes, attach correspondence from the city.

Attachment: Click 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 to enter text.

2. *Utility CCN areas*

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

☐ Yes ☒ No

[1] https://www.tceq.texas.gov/permitting/wastewater/tceq-regionalization-for-wastewater

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 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 and collection systems that includes each permittee's name and permit number, and an area map showing the location of these facilities and collection systems.

Attachment: Click to enter text.

If yes, attach proof of mailing a request for service to each facility and collection system, the letters requesting service, and correspondence from each facility and collection system.

Attachment: Click to enter text.

If the facility or collection system agrees to provide service, attach a justification for the proposed facility and a cost analysis of expenditures that includes the cost of connecting to the facility or collection system versus the cost of the proposed facility or expansion.

Attachment: Click to enter text.

Section 2. Proposed Organic Loading (Instructions Page 58)

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): 0.018 MGD

Average Influent Organic Strength or BOD_5 Concentration in mg/l: 300

Average Influent Loading (lbs/day = total average flow X average BOD_5 conc. X 8.34): 45.04

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

TAC 217.32(a)(3) Table B.1. for schools.

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 BOD5 Concentration (mg/l)
Municipality		
Subdivision		
Trailer park – transient		
Mobile home park		
School with cafeteria and showers	0.018	300
School with cafeteria, no showers		
Recreational park, overnight use		
Recreational park, day use		
Office building or factory		
Motel		
Restaurant		
Hospital		
Nursing home		
Other		
TOTAL FLOW from all sources	0.018	
AVERAGE BOD_5 from all sources		300

Section 3. Proposed Effluent Quality and Disinfection (Instructions Page 58)

A. Existing/Interim I Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 65

Total Suspended Solids, mg/l: N/A

Ammonia Nitrogen, mg/l: N/A

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: N/A

Other: N/A

B. Interim II Phase Design Effluent Quality

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

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

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

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

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

Other: Click to enter text.

C. Final Phase Design Effluent Quality

Biochemical Oxygen Demand (5-day), mg/l: 65

Total Suspended Solids, mg/l: N/A

Ammonia Nitrogen, mg/l: N/A

Total Phosphorus, mg/l: N/A

Dissolved Oxygen, mg/l: N/A

Other: N/A

D. Disinfection Method

Identify the proposed method of disinfection.

☒ Chlorine: 1 mg/l after 20 minutes detention time at peak flow

Dechlorination process: Click to enter text.

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

☐ Other: Click to enter text.

Section 4. Design Calculations (Instructions Page 58)

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

Attachment: XVII

Section 5. Facility Site (Instructions Page 59)

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 to enter text.

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

FEMA FIRM PANEL 0675E of Map Number 48451C0675E

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 to enter text.

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

B. Wind rose

Attach a wind rose: XXI

Section 6. Permit Authorization for Sewage Sludge Disposal (Instructions Page 59)

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)**: Click 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 the completed **Domestic Wastewater Permit Application: Sewage Sludge Technical Report (TCEQ Form No. 10056)**: Click to enter text.

Section 7. Sewage Sludge Solids Management Plan (Instructions Page 60)

Attach a solids management plan to the application.

Attachment: XXII

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 WASTEWATER PERMIT APPLICATION WORKSHEET 2.0: RECEIVING WATERS

The following information is required for all TPDES permit applications.

Section 1. Domestic Drinking Water Supply (Instructions Page 63)

Is there a surface water intake for domestic drinking water supply located within 5 miles downstream from the point or proposed point of discharge?

☐ Yes ☐ No

If **no**, proceed it Section 2. **If yes**, provide the following:

Owner of the drinking water supply: Click to enter text.

Distance and direction to the intake: Click to enter text.

Attach a USGS map that identifies the location of the intake.

Attachment: Click to enter text.

Section 2. Discharge into Tidally Affected Waters (Instructions Page 63)

Does the facility discharge into tidally affected waters?

☐ Yes ☐ No

If **no**, proceed to Section 3. **If yes**, complete the remainder of this section. If no, proceed to Section 3.

A. Receiving water outfall

Width of the receiving water at the outfall, in feet: Click to enter text.

B. Oyster waters

Are there oyster waters in the vicinity of the discharge?

☐ Yes ☐ No

If yes, provide the distance and direction from outfall(s).

Click to enter text.

C. Sea grasses

Are there any sea grasses within the vicinity of the point of discharge?

☐ Yes ☐ No

If yes, provide the distance and direction from the outfall(s).

Click to enter text.

Section 3. Classified Segments (Instructions Page 63)

Is the discharge directly into (or within 300 feet of) a classified segment?

☐ Yes ☐ No

If yes, this Worksheet is complete.

If no, complete Sections 4 and 5 of this Worksheet.

Section 4. Description of Immediate Receiving Waters (Instructions Page 63)

Name of the immediate receiving waters: Click to enter text.

A. Receiving water type

Identify the appropriate description of the receiving waters.

☐ Stream

☐ Freshwater Swamp or Marsh

☐ Lake or Pond

Surface area, in acres: Click to enter text.

Average depth of the entire water body, in feet: Click to enter text.

Average depth of water body within a 500-foot radius of discharge point, in feet: Click to enter text.

☐ Man-made Channel or Ditch

☐ Open Bay

☐ Tidal Stream, Bayou, or Marsh

☐ Other, specify: Click to enter text.

B. Flow characteristics

If a stream, man-made channel or ditch was checked above, provide the following. For existing discharges, check one of the following that best characterizes the area *upstream* of the discharge. For new discharges, characterize the area *downstream* of the discharge (check one).

☐ Intermittent - dry for at least one week during most years

☐ Intermittent with Perennial Pools - enduring pools with sufficient habitat to maintain significant aquatic life uses

☐ Perennial - normally flowing

Check the method used to characterize the area upstream (or downstream for new dischargers).

☐ USGS flow records

☐ Historical observation by adjacent landowners

☐ Personal observation

☐ Other, specify: Click to enter text.

C. Downstream perennial confluences

List the names of all perennial streams that join the receiving water within three miles downstream of the discharge point.

Click to enter text.

D. Downstream characteristics

Do the receiving water characteristics change within three miles downstream of the discharge (e.g., natural or man-made dams, ponds, reservoirs, etc.)?

☐ Yes ☐ No

If yes, discuss how.

Click to enter text.

E. Normal dry weather characteristics

Provide general observations of the water body during normal dry weather conditions.

Click to enter text.

Date and time of observation: Click to enter text.

Was the water body influenced by stormwater runoff during observations?

☐ Yes ☐ No

Section 5. General Characteristics of the Waterbody (Instructions Page 65)

A. Upstream influences

Is the immediate receiving water upstream of the discharge or proposed discharge site influenced by any of the following? Check all that apply.

☐ Oil field activities
☐ Upstream discharges
☐ Septic tanks
☐ Urban runoff
☐ Agricultural runoff
☐ Other(s), specify: Click to enter text.

B. Waterbody uses

Observed or evidences of the following uses. Check all that apply.

- ☐ Livestock watering
- ☐ Irrigation withdrawal
- ☐ Fishing
- ☐ Domestic water supply
- ☐ Park activities
- ☐ Contact recreation
- ☐ Non-contact recreation
- ☐ Navigation
- ☐ Industrial water supply
- ☐ Other(s), specify: Click to enter text.

C. Waterbody aesthetics

Check one of the following that best describes the aesthetics of the receiving water and the surrounding area.

- ☐ Wilderness: outstanding natural beauty; usually wooded or unpastured area; water clarity exceptional
- ☐ Natural Area: trees and/or native vegetation; some development evident (from fields, pastures, dwellings); water clarity discolored
- ☐ Common Setting: not offensive; developed but uncluttered; water may be colored or turbid
- ☐ Offensive: stream does not enhance aesthetics; cluttered; highly developed; dumping areas; water discolored

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 2.1: STREAM PHYSICAL CHARACTERISTICS

Required for new applications, major facilities, and applications adding an outfall.

Worksheet 2.1 is not required for discharges to intermittent streams or discharges directly to (or within 300 feet of) a classified segment.

Section 1. General Information (Instructions Page 65)

Date of study: Click to enter text. Time of study: Click to enter text.

Stream name: Click to enter text.

Location: Click to enter text.

Type of stream upstream of existing discharge or downstream of proposed discharge (check one).

☐ Perennial ☐ Intermittent with perennial pools

Section 2. Data Collection (Instructions Page 65)

Number of stream bends that are well defined: Click to enter text.

Number of stream bends that are moderately defined: Click to enter text.

Number of stream bends that are poorly defined: Click to enter text.

Number of riffles: Click to enter text.

Evidence of flow fluctuations (check one):

☐ Minor ☐ moderate ☐ severe

Indicate the observed stream uses and if there is evidence of flow fluctuations or channel obstruction/modification.

Click to enter text.

Stream transects

In the table below, provide the following information for each transect downstream of the existing or proposed discharges. Use a separate row for each transect.

Table 2.1(1) - Stream Transect Records

Stream type at transect Select riffle, run, glide, or pool. See Instructions, Definitions section.	**Transect location**	**Water surface width (ft)**	**Stream depths (ft)** at 4 to 10 points along each transect from the channel bed to the water surface. Separate the measurements with commas.
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			
Choose an item.			

Section 3. Summarize Measurements (Instructions Page 65)

Streambed slope of entire reach, from USGS map in feet/feet: Click to enter text.

Approximate drainage area above the most downstream transect (from USGS map or county highway map, in square miles): Click to enter text.

Length of stream evaluated, in feet: Click to enter text.

Number of lateral transects made: Click to enter text.

Average stream width, in feet: Click to enter text.

Average stream depth, in feet: Click to enter text.

Average stream velocity, in feet/second: Click to enter text.

Instantaneous stream flow, in cubic feet/second: Click to enter text.

Indicate flow measurement method (type of meter, floating chip timed over a fixed distance, etc.): Click to enter text.

Size of pools (large, small, moderate, none): Click to enter text.

Maximum pool depth, in feet: Click to enter text.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.0: LAND DISPOSAL OF EFFLUENT

The following is required for renewal, new, and amendment permit applications.

Section 1. Type of Disposal System (Instructions Page 67)

Identify the method of land disposal:

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

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 to enter text.

Section 2. Land Application Site(s) (Instructions Page 67)

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 3333.0(1) – Land Application Site Crops

Crop Type & Land Use	Irrigation Area (acres)	Effluent Application (GPD)	Public Access? Y/N
Coastal Bermuda Grass	3.5	18,000	N

Section 3. Storage and Evaporation Lagoons/Ponds (Instructions Page 67)

Table 3.0(2) – Storage and Evaporation Ponds

Pond Number	Surface Area (acres)	Storage Volume (acre–feet)	Dimensions	Liner Type
1	0.29	0.92	125’ x 98’ x 3.2’	In situ
2	0.74	2.46	164.5’ x 225’ x 5.75’	In situ

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

Attachment: Click to enter text.

Section 4. Flood and Runoff Protection (Instructions Page 67)

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 to enter text.

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

FEMA Map 48451C0675E

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

A series of berms surrounding the location will be in place to control tailwater runoff.

Section 5. Annual Cropping Plan (Instructions Page 67)

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**: XII

- 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 68)

Attach a USGS map with the following information shown and labeled. If not applicable, provide a detailed explanation indicating why. **Attachment**: XIX

- 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 radius 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 located within a half-mile radius of the disposal site or property boundaries 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
See	Attachment	XX	Choose an item.	
			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: XX

Section 7. Groundwater Quality (Instructions Page 68)

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: Click to enter text.

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

Attachment: Click to enter text.

Section 8. Soil Map and Soil Analyses (Instructions Page 69)

A. Soil map

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

Attachment: XIII

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: XIV

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

Table 3.0(4444) – Soil Data

Soil Series	Depth from Surface	Permeability	Available Water Capacity	Curve Number
Angelo	39”-52”	0.63 - 2.00	0.14 – 0.2	

2023- Current

Section 9. Effluent Monitoring Data (Instructions Page 71)

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	BOD5 mg/l	TSS mg/l	pH	Chlorine Residual mg/l	Acres irrigated
1/4/23		3.14	NA			3.5 Acres
1/11/23		3.56				3.5 Acres
1/18/23		2.53				3.5 Acres
1/25/23		<2.14				3.5 Acres
2/3/23		6.45				3.5 Acres
2/7/23		<2.14				3.5 Acres
2/15/23		<2.14				3.5 Acres
2/22/23		5.16				3.5 Acres
2/28/23		11.1				3.5 Acres
3/8/23		22.3				3.5 Acres
3/15/23		11.7				3.5 Acres
3/22/23		<2.14				3.5 Acres
3/29/23		5.83				3.5 Acres
4/5/23		5.37				3.5 Acres
4/12/23		<2.14				3.5 Acres
4/19/23		<2.14				3.5 Acres
4/26/23		12.5				3.5 Acres
5/3/23		10.8				3.5 Acres
5/10/23		30.1				3.5 Acres
5/17/23		<3.00				3.5 Acres
5/24/23		3.44				3.5 Acres
5/31/23		4.09				3.5 Acres
6/7/23		<2.14				3.5 Acres
6/14/23		<6.00				3.5 Acres

Section 9. Effluent Monitoring Data (Instructions Page 71)

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	BOD5 mg/l	TSS mg/l	pH	Chlorine Residual mg/l	Acres irrigated
6/21/23		<2.00	NA			
6/28/23		<2.14				
7/5/23		2.57				
7/12/23		<2.00				
7/19/23		<2.14				
7/26/23		<2.14				
8/2/23		<2.00				
8/9/23		<2.14				
8/16/23		<2.00				
8/23/23		<2.14				
9/6/23		<2.14				
9/13/23		17.1				
9/20/23		3.87				
9/27/23		<2.14				
10/4/23		2.70				
10/11/23		2.90				
10/18/23		2.70				
10/25/23		5.43				
11/1/23		7.24				
11/8/23		9.57				
11/15/23		<2.14				
11/21/23		5.44				
11/29/23		<2.14				
12/6/23		<2.14				

Section 9. Effluent Monitoring Data (Instructions Page 71)

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	BOD5 mg/l	TSS mg/l	pH	Chlorine Residual mg/l	Acres irrigated
12/12/23		<2.14	NA			
12/19/23		2.35				
12/27/23		<2.14				
1/2/24		3.97				
1/10/24		<2.14				
1/17/24		12.25				
1/23/24		8.56				
1/30/24		16.0				
2/7/24		11.9				
2/14/24		15.8				
2/21/24		8.02				
2/27/24		5.27				
3/5/24		<2.14				
3/13/24		3.57				
3/20/24		<2.14				
3/27/24		9.30				
4/3/24		<3.00				
4/10/24		<2.14				
4/17/24		<3.00				
4/24/24		2.83				
5/1/24		2.23				
5/8/24		2.26				
5/15/24		<2.14				
5/22/24		<4.00				

Section 9. Effluent Monitoring Data (Instructions Page 71)

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	BOD5 mg/l	TSS mg/l	pH	Chlorine Residual mg/l	Acres irrigated
5/29/24		<2.14	NA			
6/5/24		<6.00				
6/12/24		<2.14				
6/19/24		5.85				
6/26/24		<2.14				
7/1/24		<2.14				
7/10/24		<2.14				
7/17/24		<2.14				
7/24/24		<2.14				
7/31/24		<2.14				
8/20/24		18.6				
8/28/24		8.59				
9/4/24		3.12				
9/11/24		4.47				
9/18/24		2.33				
9/25/24		2.21				
10/9/24		2.14				
10/16/24		2.73				
10/23/24		2.87				
10/30/24		<2.14				
11/6/24		<2.14				
11/13/24		<2.14				
11/20/24		<2.14				
11/26/24		<3.00				

Section 9. Effluent Monitoring Data (Instructions Page 71)

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	BOD5 mg/l	TSS mg/l	pH	Chlorine Residual mg/l	Acres irrigated
12/4/24		<3.00	NA			
12/12/24		<6.00				
12/18/24		<3.00				
12/26/24		<3.00				
12/30/24		3.20				
1/8/25		4.19				
1/14/25		<3.00				
1/23/25		<3.00				
1/30/25		<3.00				
2/5/25		3.83				
2/13/25		<6.00				
2/20/25		35.3				
2/27/25		16.5				
3/6/25		9.77				
3/13/25		7.95				
3/20/25		<3.00				
3/27/25		4.70				
4/3/25		<6.00				
4/10/25		21.9				
4/16/25		6.59				
4/24/25		<4.00				
5/1/25		4.46				
5/8/25		<3.00				
5/15/25		9.72				

Section 9. Effluent Monitoring Data (Instructions Page 71)

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	BOD5 mg/l	TSS mg/l	pH	Chlorine Residual mg/l	Acres irrigated
5/21/25		<2.00	NA			
6/5/25		<2.00				
6/19/25		<2.00				
7/10/25		<2.00				
8/13/25		<2.00				
8/21/25		<2.00				
8/27/25		3.97				
9/4/25		9.45				
9/11/25		7.52				
9/17/25		3.16				

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

The flow, PH, and chlorine residual tests are not included, because while they were taken, the operator misplaced them and they cannot be found. A new operator has been hired and test are being taken and recorded in safe place.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.1: SURFACE LAND DISPOSAL OF EFFLUENT

The following is required for new and major amendment permit applications. Renewal and minor amendment permit applications may be asked for this worksheet on a case by case basis.

Section 1. Surface Disposal (Instructions Page 71)

Complete the item that applies for the method of disposal being used.

A. Irrigation

Area under irrigation, in acres: 3.5

Design application frequency:

hours/day 8 **And** days/week 7

Land grade (slope):

average percent (%): 1

maximum percent (%): 2

Design application rate in acre-feet/acre/year: 5.75

Design total nitrogen loading rate, in lbs N/acre/year: 240

Soil conductivity (mmhos/cm): 0.59

Method of application: Low Spray Irrigation

Attach a separate engineering report with the water balance and storage volume calculations, method of application, irrigation efficiency, and nitrogen balance.

Attachment: XXIV

B. Evaporation ponds

Daily average effluent flow into ponds, in gallons per day: Click to enter text.

Attach a separate engineering report with the water balance and storage volume calculations.

Attachment: Click to enter text.

C. Evapotranspiration beds

Number of beds: Click to enter text.

Area of bed(s), in acres: Click to enter text.

Depth of bed(s), in feet: Click to enter text.

Void ratio of soil in the beds: Click to enter text.

Storage volume within the beds, in acre-feet: Click to enter text.

Attach a separate engineering report with the water balance and storage volume calculations, and a description of the lining.

Attachment: Click to enter text.

D. Overland flow

Area used for application, in acres: Click to enter text.

Slopes for application area, percent (%): Click to enter text.

Design application rate, in gpm/foot of slope width: Click to enter text.

Slope length, in feet: Click to enter text.

Design BOD_5 loading rate, in lbs BOD_5/acre/day: Click to enter text.

Design application frequency:

hours/day: Click to enter text. **And** days/week: Click to enter text.

Attach a separate engineering report with the method of application and design requirements according to *30 TAC Chapter 217*.

Attachment: Click to enter text.

Section 2. Edwards Aquifer (Instructions Page 72)

Is the facility subject to *30 TAC Chapter 213*, Edwards Aquifer Rules?

☐ Yes ☒ No

If **yes**, is the facility located on the Edwards Aquifer Recharge Zone?

☐ Yes ☒ No

If yes, attach a geological report addressing potential recharge features.

Attachment: Click to enter text.

DOMESTIC WASTEWATER PERMIT APPLICATION WORKSHEET 3.2: SURFACE LAND DISPOSAL OF EFFLUENT

The following **is required** for **new and major amendment** permit applications. Renewal and minor amendments applicants may be asked for the worksheet on a case by case basis.

NOTE: All applicants proposing new/amended subsurface disposal MUST complete and submit Worksheet 7.0. This worksheet applies to any subsurface disposal system that **does not meet** the definition of a subsurface area drip dispersal system as defined in *30 TAC Chapter 222, Subsurface Area Drip Dispersal System.*

Section 1. Subsurface Application (Instructions Page 73)

Identify the type of system:

- ☐ Conventional Gravity Drainfield, Beds, or Trenches (new systems must be less than 5,000 GPD)
- ☐ Low Pressure Dosing
- ☐ Other, specify: Click to enter text.

Application area, in acres: Click to enter text.

Area of drainfield, in square feet: Click to enter text.

Application rate, in gal/square foot/day: Click to enter text.

Depth to groundwater, in feet: Click to enter text.

Area of trench, in square feet: Click to enter text.

Dosing duration per area, in hours: Click to enter text.

Number of beds: Click to enter text.

Dosing amount per area, in inches/day: Click to enter text.

Infiltration rate, in inches/hour: Click to enter text.

Storage volume, in gallons: Click to enter text.

Area of bed(s), in square feet: Click to enter text.

Soil Classification: Click to enter text.

Attach a separate engineering report with the information required in *30 TAC § 309.20,* excluding the requirements of *§* 309.20 b(3)(A) and (B) design analysis which may be asked for on a case by case basis. Include a description of the schedule of dosing basin rotation.

Attachment: Click to enter text.

Section 2. Edwards Aquifer (Instructions Page 73)

Is the subsurface system over the Edwards Aquifer Recharge Zone as mapped by TCEQ?

☐ Yes ☐ No

Is the subsurface system over the Edwards Aquifer Transition Zone as mapped by TCEQ?

☐ Yes ☐ No

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

Exhibit II
Wall ISD
Core Data Form 10400

TCEQ Use Only

TCEQ Core Data Form

For detailed instructions on completing 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 600861777		**RN 101608875**

SECTION II: Customer Information

4. General Customer Information	**5. Effective Date for Customer Information Updates** (mm/dd/yyyy)	10/27/2025

☐ 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:*
Wall ISD	

7. TX SOS/CPA Filing Number	**8. TX State Tax ID** (11 digits)	**9. Federal Tax ID** (9 digits)	**10. DUNS Number** *(if applicable)*
	17560039236	756003923	

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

12. Number of Employees	**13. Independently Owned and Operated?**
☐ 0-20 ☒ 21-100 ☐ 101-250 ☐ 251-500 ☐ 501 and higher	☒ **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 ☐ VCP/BSA Applicant ☐ Other:

15. Mailing Address:								
	P.O. Box 259							
	City	Wall	**State**	TX	**ZIP**	76957	**ZIP + 4**	

16. Country Mailing Information *(if outside USA)*	**17. E-Mail Address** *(if applicable)*
	russell.dacy@wallisd.net

18. Telephone Number	19. Extension or Code	20. Fax Number *(if applicable)*
(325) 651-7790		( ) -

SECTION III: Regulated Entity Information

21. General Regulated Entity Information *(If 'New Regulated Entity" is selected, a new permit application is also required.)*

☐ 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 Core 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.)*

Wall School Campus WWTP

23. Street Address of the Regulated Entity: ***(No PO Boxes)***	8065 Loop 570							
	City	Wall	**State**	TX	**ZIP**	76957	**ZIP + 4**	
24. County	Tom Green							

If no Street Address is provided, fields 25-28 are required.

25. Description to Physical Location:	

26. Nearest City	**State**	**Nearest ZIP Code**

Latitude/Longitude are required and may be added/updated to meet TCEQ Core Data Standards. (Geocoding of the Physical Address may be used to supply coordinates where none have been provided or to gain accuracy).

27. Latitude (N) In Decimal:	31.370833		**28. Longitude (W) In Decimal:**	-100.30666	
Degrees	Minutes	Seconds	Degrees	Minutes	Seconds
31	22	14.9988	100	18	23.9754

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)
8211		611110	

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

Wasstewater Service to school district

34. Mailing Address:	**P. O. Box 259**							
	City	**Wall**	**State**	**TX**	**ZIP**	**76957**	**ZIP + 4**	
35. E-Mail Address:	**russel.dacy@wallisd.net**							

36. Telephone Number	**37. Extension or Code**	**38. Fax Number** *(if applicable)*
(352) 651-7790		( ) -

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	☒ Wastewater	☐ Wastewater Agriculture	☐ Water Rights	☐ Other:
	Replacement Permit			

SECTION IV: Preparer Information

40. Name:	Charles Gillespie	**41. Title:**	Vice-President

42. Telephone Number	**43. Ext./Code**	**44. Fax Number**	**45. E-Mail Address**
(254) 968-8130		( ) -	ceeinc@ceeinc.org

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.

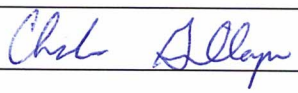
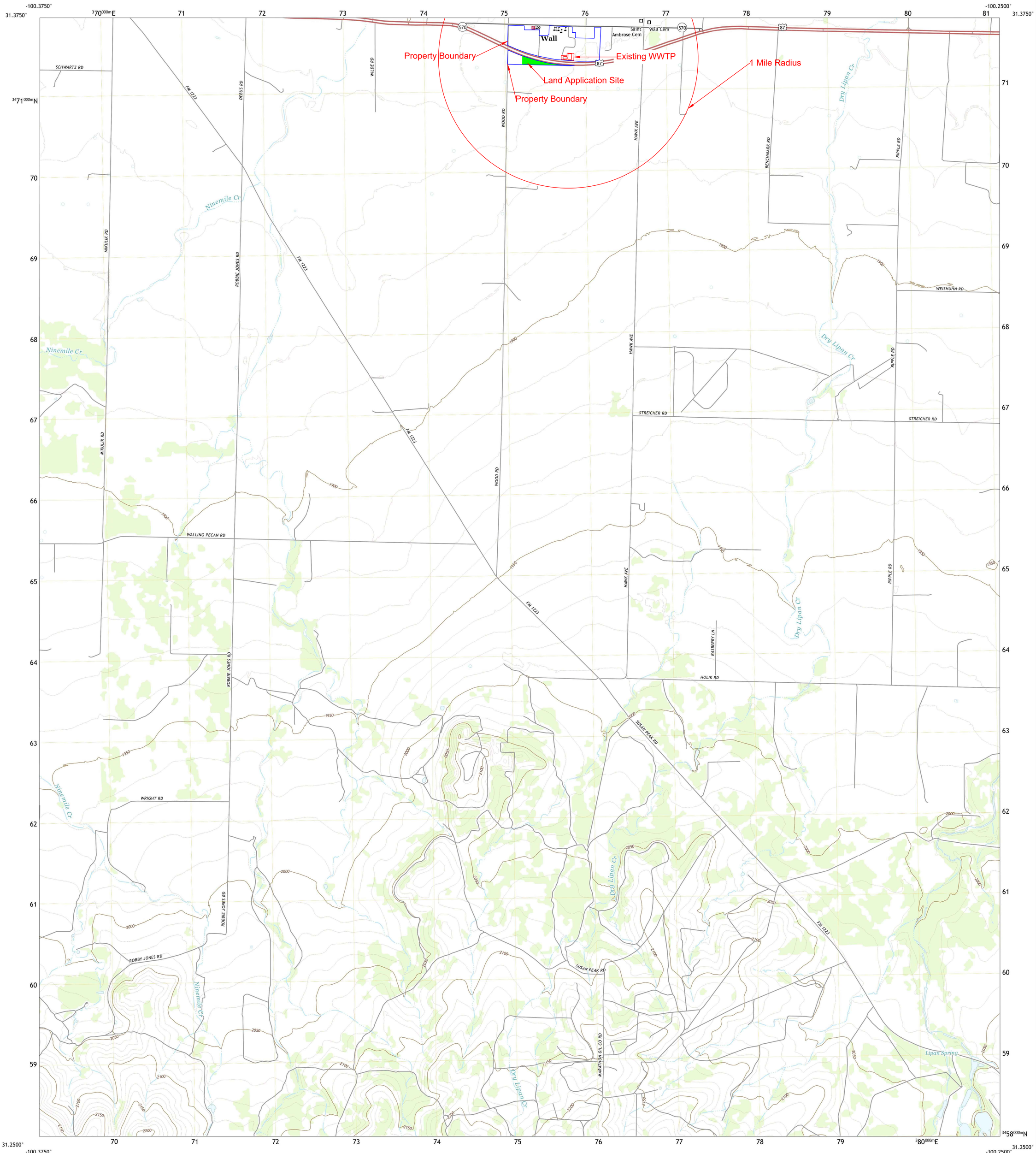
Company:	Consulting Environmental Engineers, Inc.	**Job Title:**	Vice-President
Name *(In Print):*	Charles Gillespie	**Phone:**	(254) 968- **8130**
Signature:		**Date:**	10/27/2025

Exhibit III
Wall ISD
Topographic Map

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

The National Map US Topo

WALL QUADRANGLE
TEXAS - TOM GREEN COUNTY
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

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, August 2016 - November 2016
Roads.....U.S. Census Bureau, 2015 - 2018
Names.....GNIS, 1979 - 2022
Hydrography.....National Hydrography Dataset, 2002 - 2018
Contours.....National Elevation Dataset, 2019
Boundaries.....Multiple sources; see metadata file 2019 - 2021

Wetlands.....FWS National Wetlands Inventory Not Available

MN
GN
5°8'
91 MILS
0°41'
12 MILS
UTM GRID AND 2019 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000 - m Square ID
LV
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 MILES 1
1000 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000 FEET

CONTOUR INTERVAL 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with the National Geospatial Program US Topo Product Standard.

TEXAS
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

ADJOINING QUADRANGLES
1 San Angelo South
2 Veribest
3 Mereta
4 Pecan Station
5 Vancourt
6 Christoval
7 Susan Peak
8 Kickapoo Spring

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

WALL, TX
2022

Date March 3, 2025 Drawn By CE Scale 1":1900'	**consulting environmental engineers, inc.** 150 n. harbin drive - suite 408 stephenville, tx 76401 (254)968-8130 fax: (254)968-8134 email: ceeinc@ceeinc.org registered firm: #F-2323	Wall ISD Wall, Tom Green County, Texas Topographic	Exhibit II A

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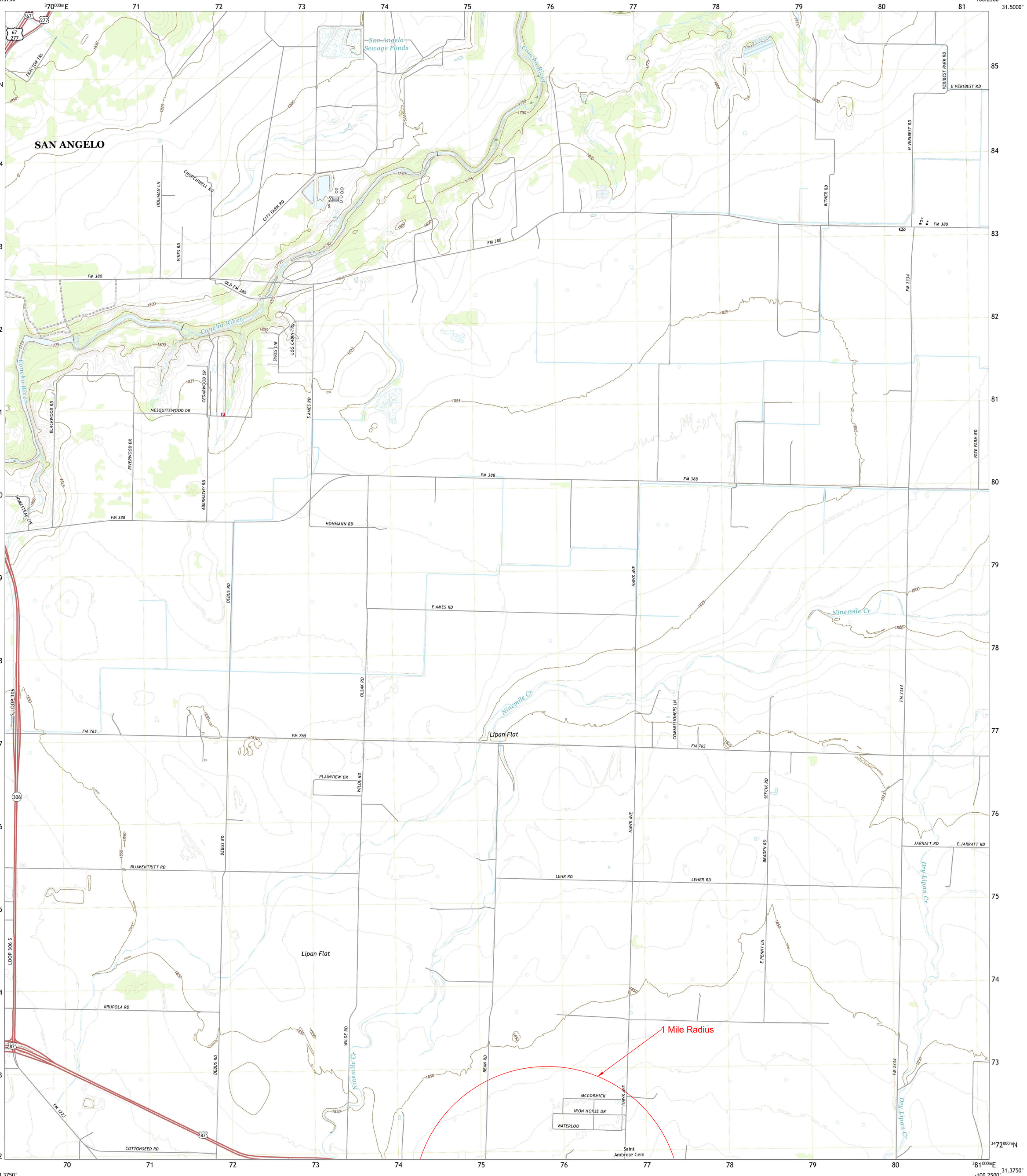
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

The National Map US Topo

VERIBEST QUADRANGLE
TEXAS - TOM GREEN COUNTY
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
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, August 2016 - November 2016
Roads..... U.S. Census Bureau, 2015 - 2018
Names.....GNIS, 1979 - 2021
Hydrography.....National Hydrography Dataset, 2002 - 2018
Contours.....National Elevation Dataset, 2019
Boundaries.....Multiple sources; see metadata file 2019 - 2021

Wetlands.....FWS National Wetlands Inventory Not Available

MN
GN
0°41′ 12 MILS
5°8′ 91 MILS
UTM GRID AND 2019 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000 - m Square ID
LV
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 5 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with the National Geospatial Program US Topo Product Standard.

TEXAS
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

1 San Angelo North
2 Harriet
3 Miles
4 San Angelo South
5 Mereta
6 Pecan Station
7 Wall
8 Vancourt
ADJOINING QUADRANGLES

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

VERIBEST, TX
2022

NSN. 7643016398772
NGA REF NO. USGSX24K46778

Date February 18, 2025	**consulting environmental engineers, inc.** 150 n. harbin drive - suite 408 · stephenville, tx 76401 (254)968-8130 fax: (254)968-8134 email: ceeinc@ceeinc.org registered firm: #F-2323	Wall ISD Wall, Tom Green County, Texas Topographic	Exhibit II B
Drawn By CE			
Scale 1": 1900'			

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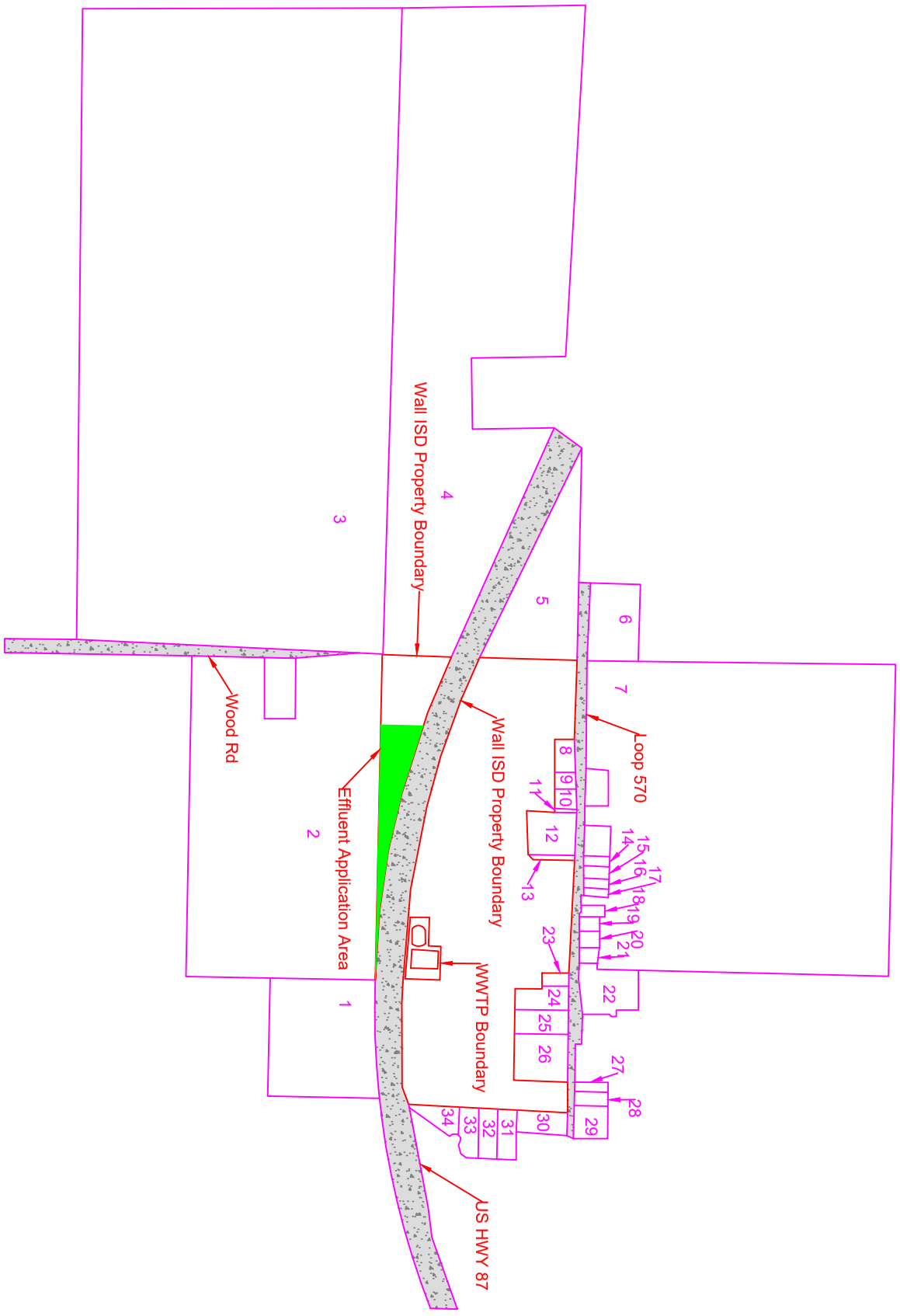
Exhibit IV
Wall ISD
Affected Landowners Map



Date April 8, 2025 Drawn By CE Scale 1":1200'	consulting environmental engineers, inc. 150 n. harbin drive - suite 408 stephenville, tx 76401 (254)968-8130 fax: (254)968-8134 email: ceeinc@ceeinc.org registered firm: #F-2323	Wall ISD Wall, Tom Green County, Texas Affected Landowners Map	Exhibit IV

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Exhibit V
Wall ISD
Affected Landowners Cross Reference

Wall ISD WWTP
Wastewater Permit Application
Affected Landowners Cross Reference
Exhibit V

1. Schniers Doyle
   6959 Hilton Head BLVD
   San Angelo, TX 76904

2. Schniers Laverne
   6979 FM 765
   San Angelo, TX 76905

3. Wilde Harvey G
   7902 Wood Rd
   San Angelo, TX 76904

4. Wilde Harvey G
   7902 Wood Rd
   San Angelo, TX 76904

5. Wilde Dale E & Laura F
   PO Box 292
   Wall, TX 76957

6. Nine Oaks Enterprises Inc
   2152 Schwartz Rd
   San Angelo, TX 76904

7. Bubenik Chris & Piland Joyce Bubenik
   1613 Stonelake Dr
   San Angelo, TX 76904

8. Torres Francisco & Maria Leonor
   PO Box 252
   Wall, TX, 76957

9. Wall Volunteer Fire Dept
   PO Box 280
   Wall, TX 76957

10. Harris Bobbye Cave - Deceased
    PO Box 312
    Wall, TX 76957

11. Trustees of Wall Independent School District
    8065 Loop 570
    Wall, TX 76957

12. Wall Brethren Church Inc
    PO Box 195
    Wall, TX 76957

13. Wall Brethren Church Inc
    PO Box 195
    Wall, TX 76957

14. MC Casland Brent
    940 Arroyo St
    San Angelo, TX 76903

15. Dierschke Larry
    7465 FM 765
    San Angelo, TX 76905

16. Dierschke Larry & Donna
    7465 FM 765
    San Angelo, TX 76905

17. Book Viola Mae
    PO Box 51
    Vancourt, TX 76955

18. Moeller Dalton E & Marilyn
    PO Box 285
    Wall, TX 76957

19. Moeller Dalton E & Marilyn
    PO Box 285
    Wall, TX 76957

20. Timm Sheryl
    PO Box 315
    Wall, TX 76957

21. Norton Eureka
    PO Box 316
    Wall, TX 76957

22. Holik Erik G
    PO Box 302
    Wall, TX 76957

23. B & E Farms LLC & S&R Trust
    10327 Hawk Ave
    San Angelo, TX 76904

24. Daniel Elliott Lynn
    PO Box 193
    Wall, TX 76957

25. Crouch Jerald M
    10011 Wood Leaf Ct
    Baytown, TX 77521

26. George Karolyn M Crouch
    PO Box 207
    Wall, TX 76957

27. Crouch Kenneth Et AL
    263 County Road 429
    Chilton, TX 76632

28. Crouch Construction
    JR & KG & JM Crouch PRTNS
    PO Box 61278
    San Angelo, TX 76906

29. Dierschke Dustin R
    12501 Rasberry Lane
    San Angelo, TX 76904

30. To Whom It May Concern
    8401 Loop 570
    Wall, TX 76957

31. Morrison Dennis Harold Jr
    7545 Plantation CT #262
    Wall, TX 76957

32. Odom Christopher J & Elizabeth M TRTEES
    PO Box 213
    Wall, TX 76957

33. Dickey Tracy B & Reade C
    7920 Skylake Dr
    Fort Worth, TX 76179

34. Smith Tye H & Kristi A
    PO Box 282
    Wall, TX 76957

`

Exhibit VI
Wall ISD
Affected Landowners USB

WALL ISD

Exhibit VII
Wall ISD
Photographs

WWTP Site Location from West

WWTP Site Location from North

Date April 7, 2025 Drawn By CE Scale NTS	consulting environmental engineers, inc. 150 n. harbin drive - suite 408 - stephenville, tx 76401 (254)968-8130 fax: (254)968-8134 email: ceeinc@ceeinc.org registered firm: #F-2323	Wall ISD Wall, Tom Green County, Texas Photos 1 - 2	Exhibit VII

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View of Holding Pond
Facing East from WWTP

Land Application Area
Facing North East

Date April 8, 2025 Drawn By CE Scale NTS	consulting environmental engineers, inc. 150 n. harbin drive - suite 408 - stephenville, tx 76401 (254)968-8130 fax: (254)968-8134 email: ceeinc@ceeinc.org registered firm: #F-2323	Wall ISD Wall, Tom Green County, Texas Photos 3 - 4	Exhibit VII

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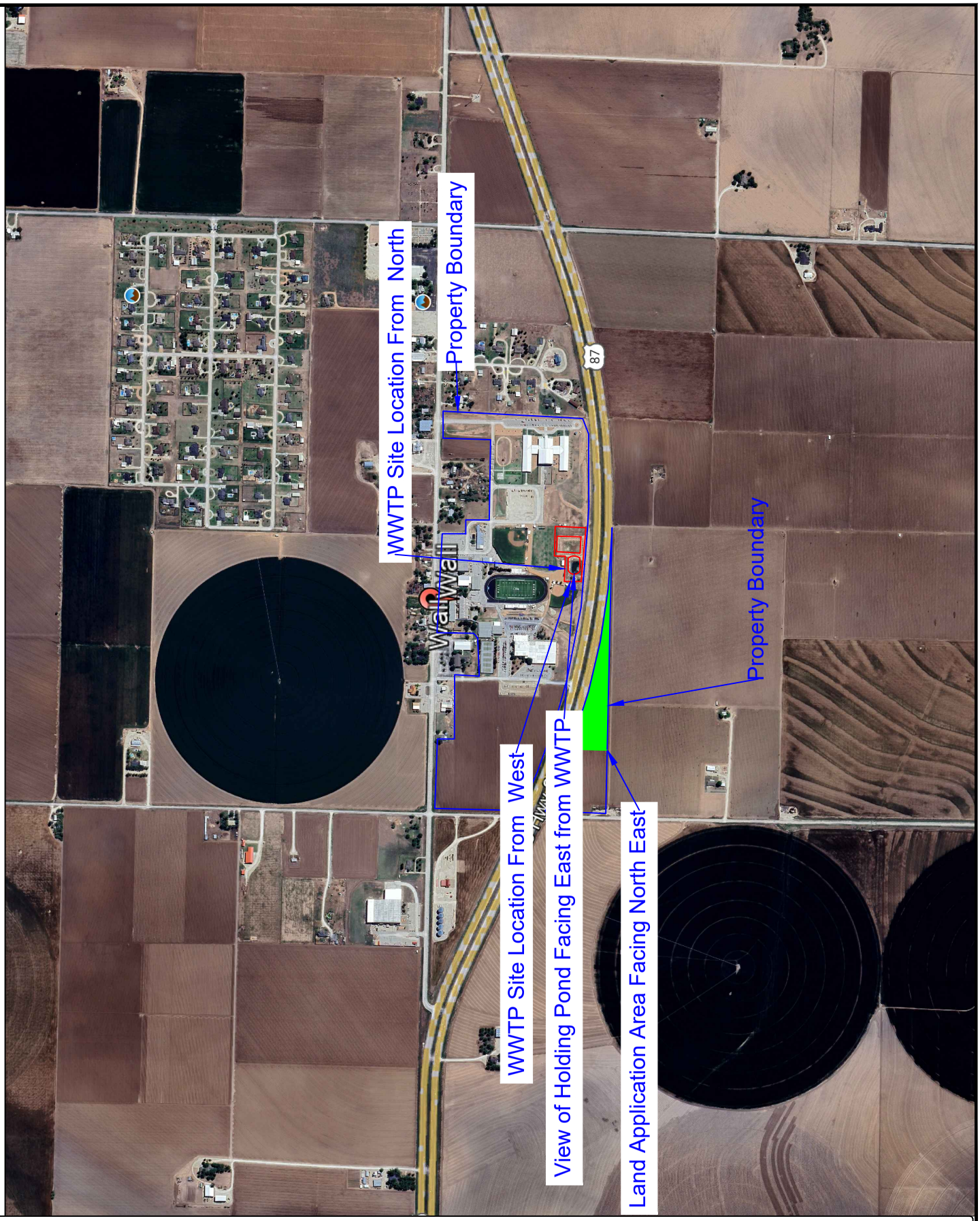
Exhibit VII(a)
Wall ISD
Photograph Location Map



Date: April 16, 2025 Drawn By: CE Scale: 1":1200'	consulting environmental engineers, inc. 150 n. harbin drive - suite 408 stephenville, tx 76401 (254)968-8130 fax: (254)968-8134 email: ceeinc@ceeinc.org registered firm: #F-2323	Wall ISD Wall, Tom Green County, Texas Photograph Map	Exhibit VII(a)

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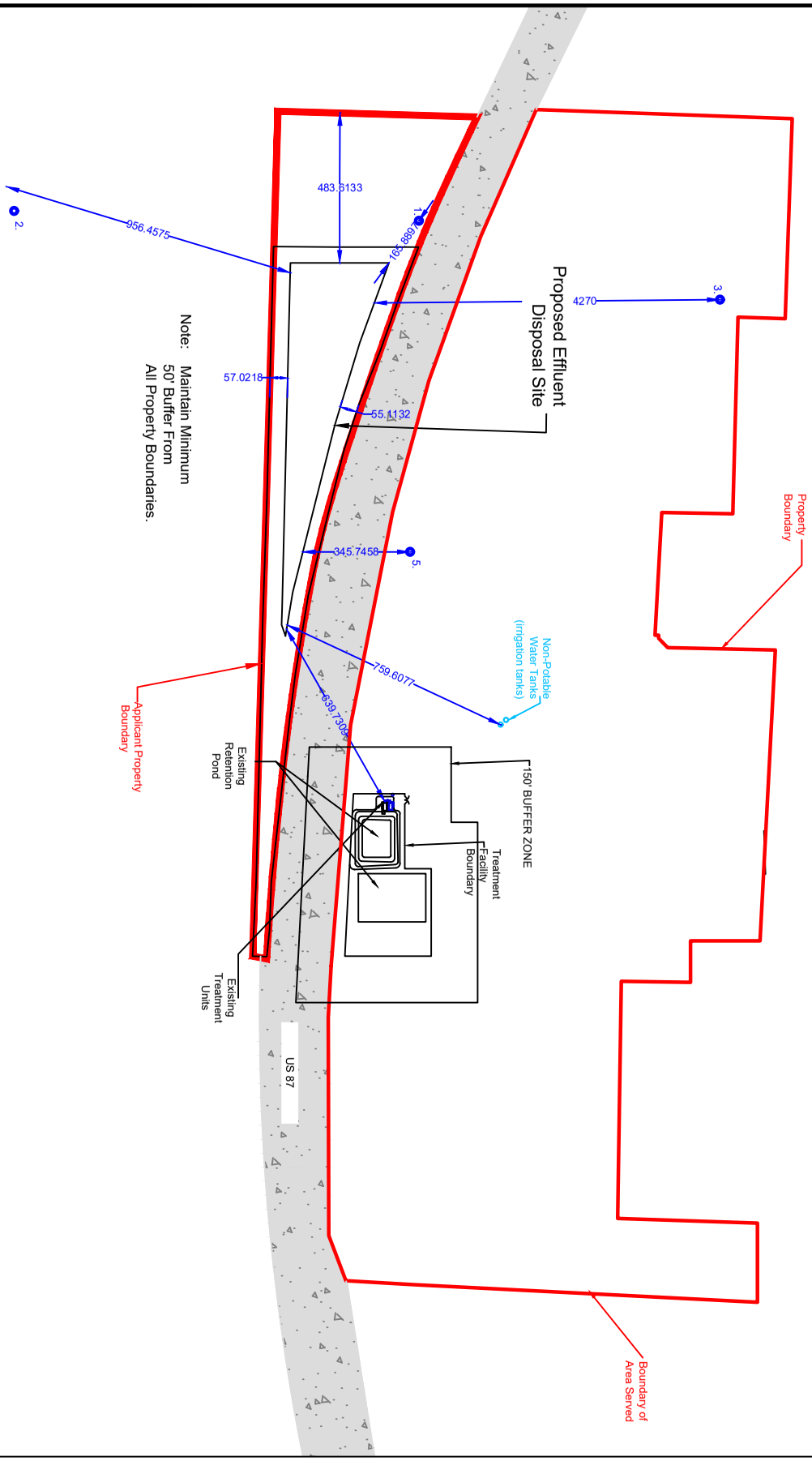
Exhibit VIII
Wall ISD
Buffer Zone Map



Date April 16, 2025 Drawn By CE Scale 1":325'	consulting environmental engineers, inc. 150 n. harbin drive - suite 408 stephenville, tx 76401 (254)968-5130 fax: (254)968-5134 email: ceeinc@ceeinc.org registered firm: #F-2323	Wall ISD Wall, Tom Green County, Texas Buffer Zone Map	Exhibit VIII

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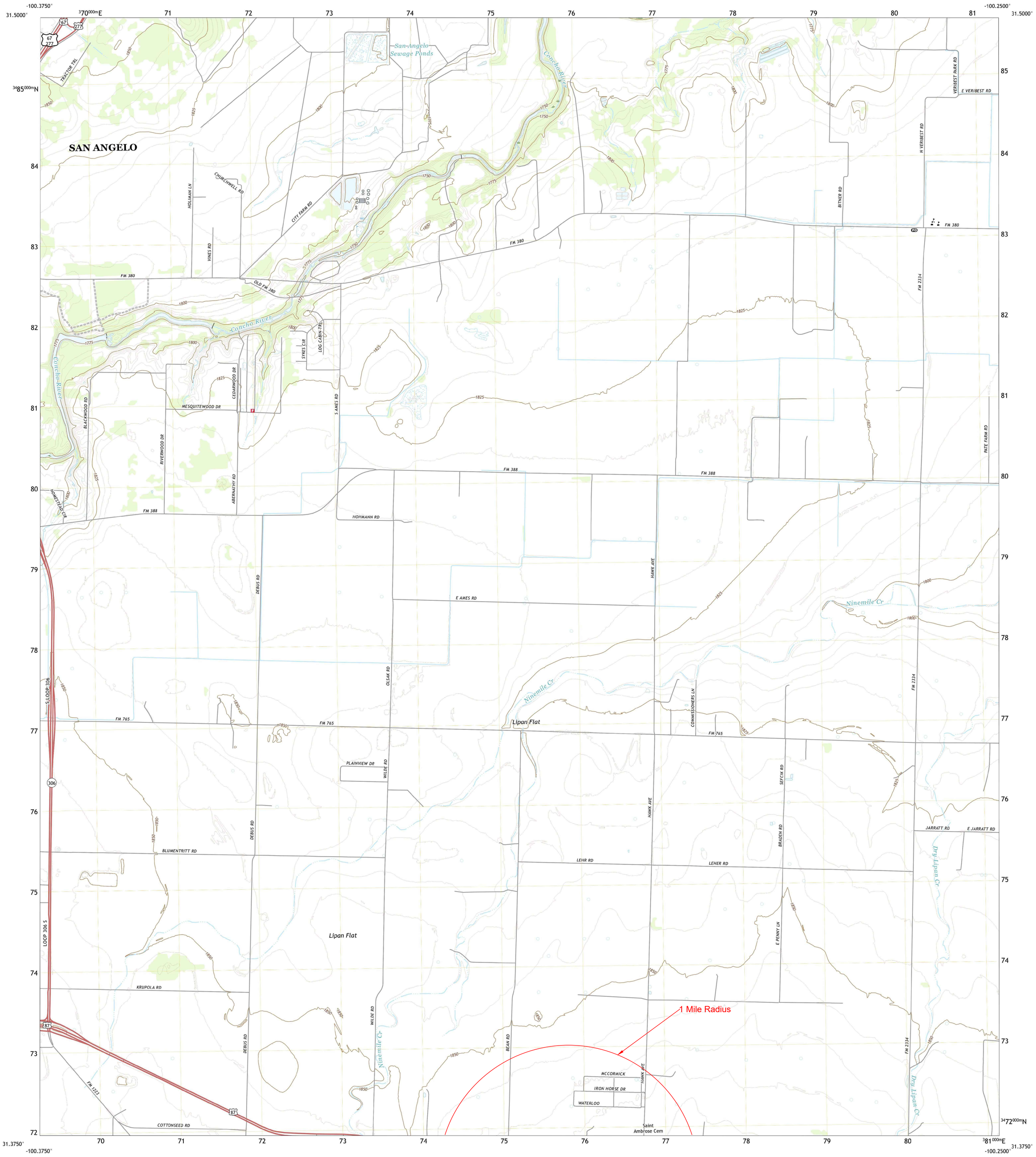
Exhibit IX
Wall ISD
SPIF Topographic Map

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

The National Map US Topo

VERIBEST QUADRANGLE
TEXAS - TOM GREEN COUNTY
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
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, August 2016 - November 2016
Roads.....U.S. Census Bureau, 2015 - 2018
Names.....GNIS, 1979 - 2021
Hydrography.....National Hydrography Dataset, 2002 - 2018
Contours.....National Elevation Dataset, 2019
Boundaries.....Multiple sources; see metadata file 2019 - 2021

Wetlands.....FWS National Wetlands Inventory Not Available

MN
GN
5°8'
91 MILS
0°41'
12 MILS
UTM GRID AND 2019 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000 - m Square ID
LV
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 5 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with the National Geospatial Program US Topo Product Standard.

QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

ADJOINING QUADRANGLES
1 San Angelo North
2 Harriet
3 Miles
4 San Angelo South
5 Mereta
6 Pecan Station
7 Wall
8 Vancourt

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

VERIBEST, TX
2022

Date
April 16, 2025
Drawn By
CE
Scale
1;1900

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(254)968-8130 fax: (254)968-8134 email: ceeinc@ceeinc.org
registered firm: #F-2323

Wall ISD
Wall, Tom Green County, Texas

SPIF Topographic

Exhibit IX
A

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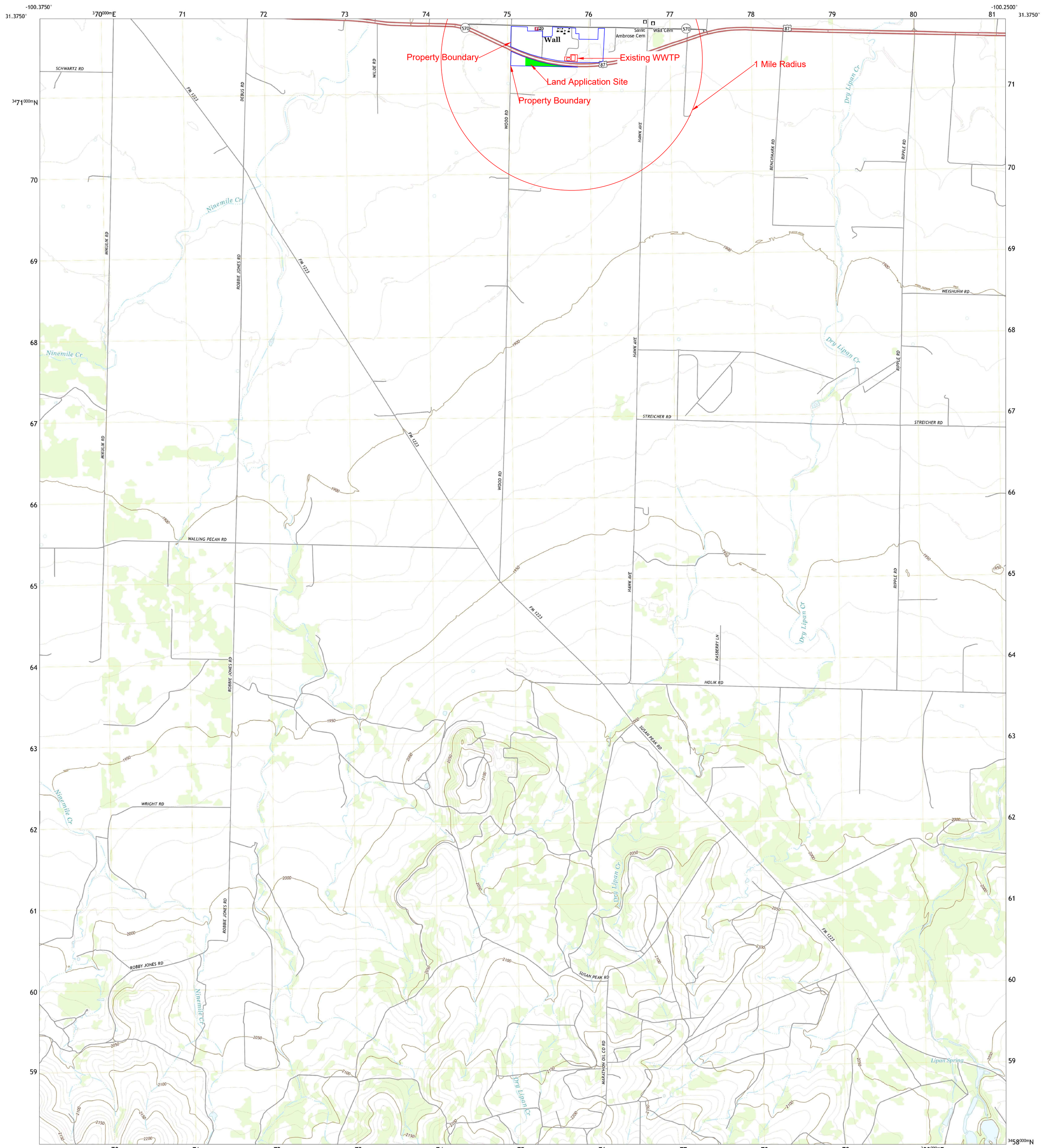
U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

The National Map US Topo

WALL QUADRANGLE
TEXAS - TOM GREEN COUNTY
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

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, August 2016 - November 2016
Roads.....U.S. Census Bureau, 2015 - 2018
Names.....GNIS, 1979 - 2022
Hydrography.....National Hydrography Dataset, 2002 - 2018
Contours.....National Elevation Dataset, 2019
Boundaries.....Multiple sources; see metadata file 2019 - 2021

Wetlands.....FWS National Wetlands Inventory Not Available

MN
GN
5°8'
91 MILS
0°41'
12 MILS
UTM GRID AND 2019 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

U.S. National Grid
100,000 - m Square ID
LV
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 10 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

This map was produced to conform with the National Geospatial Program US Topo Product Standard.

TEXAS
QUADRANGLE LOCATION

1	2	3
4		5
6	7	8

ADJOINING QUADRANGLES
1 San Angelo South
2 Veribest
3 Mereta
4 Pecan Station
5 Vancourt
6 Christoval
7 Susan Peak
8 Kickapoo Spring

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

WALL, TX
2022

Date	April 16, 2025
Drawn By	CE
Scale	1": 1900'

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(254)968-8130 fax: (254)968-8134 email: ceeinc@ceeinc.org
registered firm: #F-2323

Wall ISD
Wall, Tom Green County, Texas

SPIF Topographic

Exhibit IX
B

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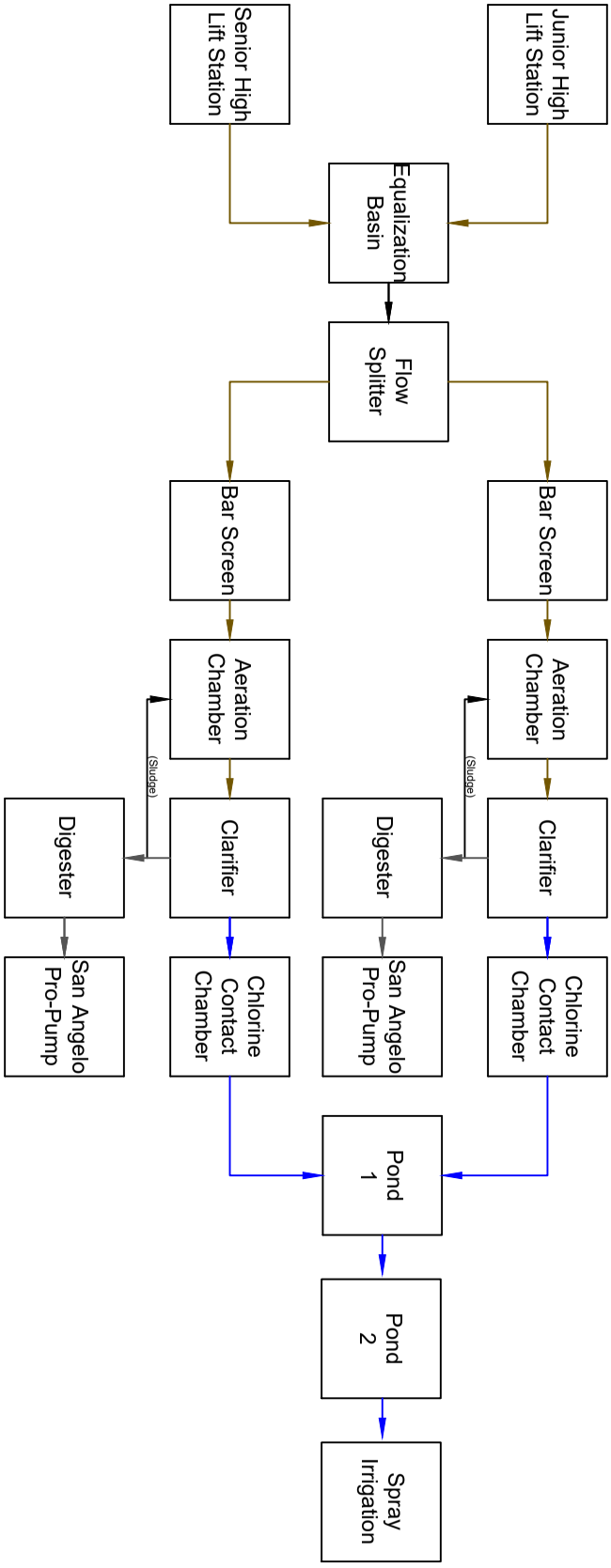
Exhibit X
Wall ISD
Flow Diagram



Date: April 7, 2025 Drawn By: CE Scale: NTS	consulting environmental engineers, inc. 150 n. harbin drive - suite 408 stephenville, tx 76401 (254)968-8130 fax: (254)968-8134 email: ceeinc@ceeinc.org registered firm: #F-2323	Wall ISD Wall, Tom Green County, Texas Flow Diagram	Exhibit X

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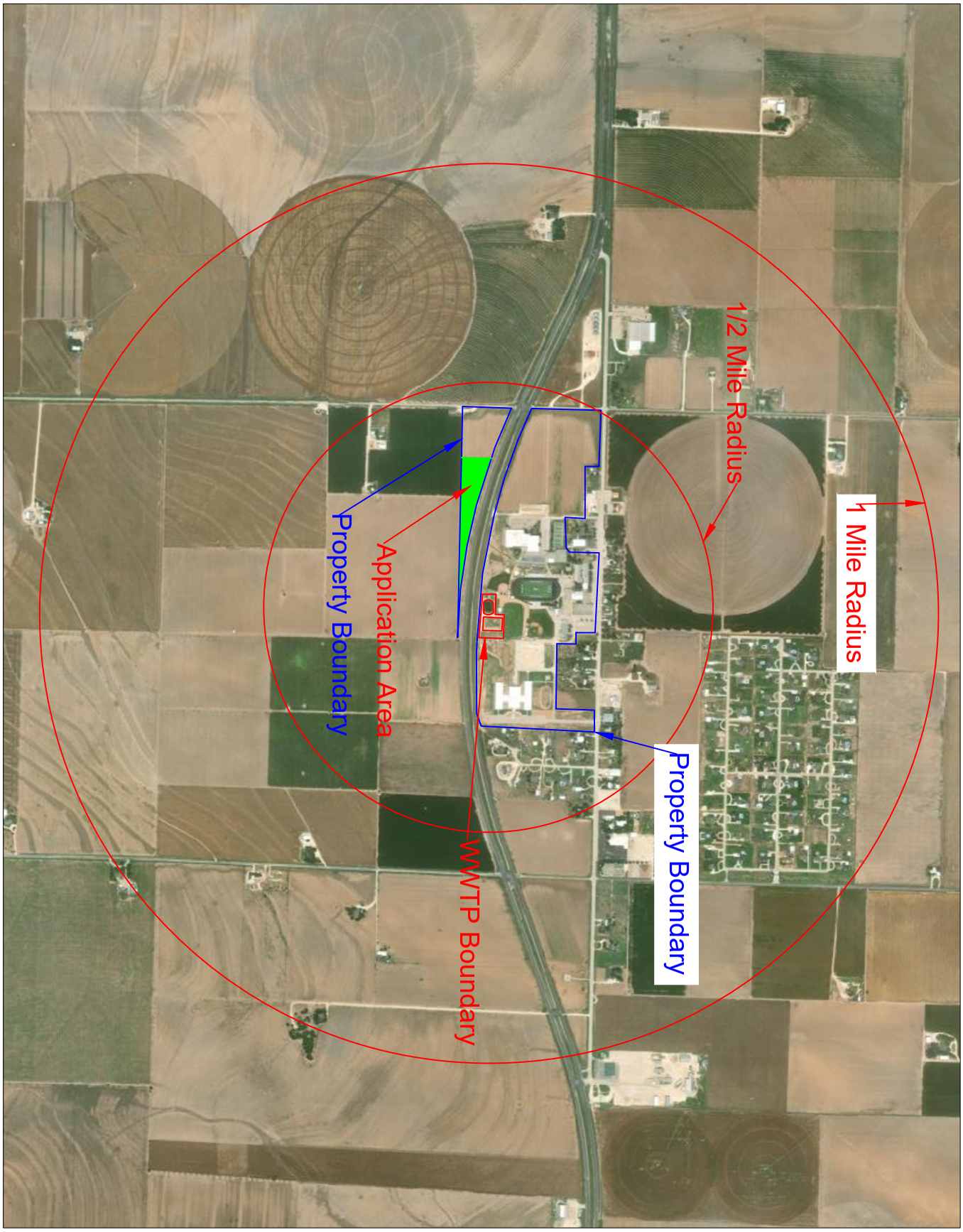
Exhibit XI
Wall ISD
Site Drawing



Date April 7, 2025 Drawn By CE Scale 1":1600'	consulting environmental engineers, inc. 150 n. harbin drive - suite 408 stephenville, tx 76401 (254)968-8130 fax: (254)968-8134 email: ceeinc@ceeinc.org registered firm: #F-2323	Wall ISD Wall, Tom Green County, Texas Site Drawing	Exhibit XI

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Exhibit XII
Wall ISD
Annual Cropping Plan

consulting environmental engineers, inc.

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phone: (254) 968-8130 fax: (254) 968-8134
email: ceeinc@ceeinc.org registered firm: #F-2323

Wall ISD.
Exhibit VII

Cropping Plan

(1) The crop to be irrigated will be a low maintenance warm season turfgrass, predominately Bermuda grass that may be overseeded during the cool season.

(2) Growth occurs in the common Bermuda grasses when the mean temperature exceeds 55° F. In Tom Green County the mean monthly average temperature exceeds 55° in the months of April through October with the yearly average of 64.3°. During the cool season a common ryegrass may be overseeded as needed to maintain the appropriate nutrient balance. Growth occurs in these grasses when the mean temperature exceeds 40° F.

(3) The crops will be exposed to limited foot traffic and will require supplemental water throughout the growing season.

(4) USDA soil survey information for Tom Green County indicates that the soil in the proposed area has a surface layer of clay loam and silty clay. The infiltration rate is slow with a high runoff potential.

(5) The wastewater to be used will contain low concentrations of nutrients so the full amount needed to maintain a healthy crop will be supplied by commercial fertilizer. Fertilizer application times will be determined by soil testing data and extension service recommendations.

(6) Annual conditioning will be dictated based on annual soil samples and resulting analysis.

(7) Irrigation efficiency will be at approximately 85%.

(8) The minimum height will be approximately 2” and the maximum will be approximately 4”. Top dress will be maintained by hay crop harvesting.

(9) The crop salt tolerances as provided in 30 TAC 309.20(b)(3)(B) Table 3 (attached) are:

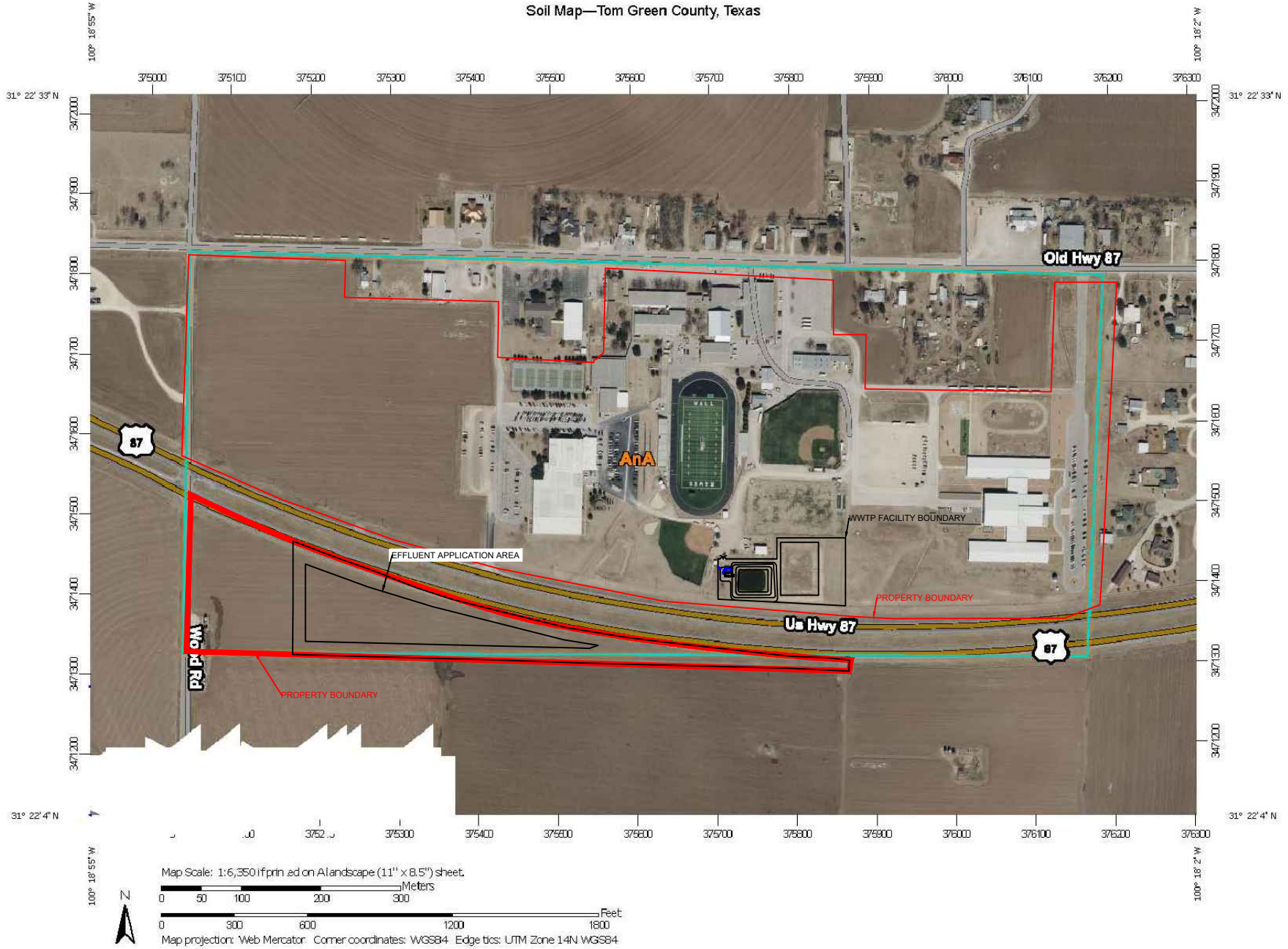
Bermuda Grass	8.0 – 12.0
Rye	6.0 - 8.0

10) Crop nutrient requirements are based off of Texas A&M Extension Nutrient Management Website (nutrientmanagement.tamu.edu) S-crops worksheet

Bermuda Grass	60 lb./ac. N
Rye	70 lb./ac. N

Exhibit XIII
Wall ISD
Soil Map

Soil Map—Tom Green County, Texas



USDA **Natural Resources Conservation Service**

Web Soil Survey
National Cooperative Soil Survey

4/16/2025
Page 1 of 3

Exhibit XIII

Wall ISD
Wall, Tom Green County, Texas

Soil Map

consulting environmental engineers, inc.
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(254)968-8130 fax: (254)968-8134 email: ceeinc@ceeinc.org
registered firm #F-2323

Date April 16, 2025
Drawn By CE
Scale 1":600'

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Exhibit XIV
Wall ISD
Soil Analysis

SOIL ANALYSIS REPORT

CLIENT:	SKG ENGINEERING 706 SOUTH ABE ST SAN ANGELO, TX 76903
34456	

www.servitech.com

6921 S. Bell
Amarillo, TX 79109
800.557.7509
806.677.0093
Fax 806.677.0329

LAB NO:	39755 - 39757
INVOICE NO:	174574
DATE RECEIVED:	02/10/2025
DATE REPORTED:	02/19/2025

SOIL ANALYSIS RESULTS FOR: WALL ISD **FIELD ID:**

METHOD USED:			1:2 Soil-Water		1:2 Soil-Water	XSL(i)	LOI(r)	Cd Reduction		Mehlich 3 ICP										
Lab Number	Sample ID	Sample Depth	Soil pH	Buffer pH	Sol. Salts mmho/cm	Excess Lime	% Organic Matter	Nitrate-Nitrogen ppm	lb. N/A	Phosphorus ppm P	Potassium ppm K	Sulfur ppm	lb. S/A	Calcium ppm Ca	Magnesium ppm Mg	Sodium ppm Na	Zinc ppm Zn	Iron ppm Fe	Manganese ppm Mn	Copper ppm Cu	Boron ppm B
39755	25-0110	0 - 6	8.3		0.28	Hi	1.7	15.5	28	34	727	11	20	11900	236	12					
39756	25-0111	6 - 18	8.2		0.31	Hi	1.7	14.0	50	32	660	12	43	11200	227	21					
39757	25-0112	18 - 30	8.2		0.30	Hi	1.7	14.0	50	28	615	12	43	11200	216	19					

METHOD USED:				KCl Extr.		Calculated	TKN	Sat. Paste												
Lab Number	Sample ID	Sample Depth	Date Sampled	Ammonium Nitrogen ppm	lb. /A	Total N ppm	TKN ppm	Saturation % Sat	Electrical Conductivity mmho/cm	Potassium mg/L K	Calcium mg/L Ca	Magnesium mg/L Mg	Sodium mg/L Na	Sodium Adsorption Ratio						
39755	25-0110	0 - 6	02/06/25	1	2	625	609	54	0.58	23	107	6	6	0.2						
39756	25-0111	6 - 18	02/06/25	2	7	1306	1292	58	0.59	19	109	5	7	0.2						
39757	25-0112	18 - 30	02/06/25	2	7	1062	1048	57	0.61	17	114	5	8	0.2						

FERTILIZER RECOMMENDATIONS: POUNDS ACTUAL NUTRIENT PER ACRE

Lab Number	Sample ID	Crop To Be Grown	Yield Goal	Lime, ECC Tons/A to raise pH to: 6.0	6.5	7.0	N	P_2O_5	K_2O	Zn	S	Mn	Cu	MgO	B	Ca	Cl
39755	25-0110																
39756	25-0111																
39757	25-0112																

Cation Exchange Capacity

CEC	%H	%K	%Ca	%Mg	%Na
29	0	6	87	7	0
29	0	6	87	7	0
28	0	6	88	6	0

SPECIAL COMMENTS AND SUGGESTIONS:

Lab Number(s): 39755
Servi-Tech Laboratory fertilizer recommendations were not requested.

Lab Number(s): 39755, 39756, 39757
The CEC value calculated by cation summation has been adjusted to compensate for the presence of excess lime (reactive carbonates).

Analyses are representative of the samples submitted | Samples are retained 30 days after report of analysis | Explanations of soil analysis terms are available upon request

Reviewed and Approved By: Ashleigh Laugesen Signer

The reported analytical results apply only to the sample as it was supplied. The report may not be reproduced, except in full, without permission of ServiTech.
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Lab SampleRange: 39755-39949

Soil: Soluble Salts Soil-Water EC (1:2)

Amarillo: Soil Data Quality Control Report

Feb 11 2025 7:20AM 863250 Batch: A Instrument: AMA-EC JenWay

Conductivity Meter

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range	Outliers LT(%) 1	2	3
CCV	1.412	1.413	1.412										0							-			
IOW	0.136	0.136	0.140										80	0.141	0.139	0.017	0.013	12.2	9.5	0.113 - 0.165	28	6	0

LAB #	39756	39938	39940
ORIGINAL	0.309	0.356	0.258
DUPLICATE	0.297	0.339	0.249
% RD	4.0	4.9	3.6

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD		3/3 100.0%	(>=33.3%)	
2 SD		3/3 100.0%	(>=66.7%)	(<25%)
3 SD		3/3 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 9/9 100.0%

Order of Analysis: 39755-39757, 39938-39941, >39756, CCV-1, IOW-1, 39942-39948, >39938, CCV-2, IOW-2, 39949, >39940, CCV-3, IOW-3

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	02/11/2025 10:39 am	AshleighL	Signer	
Y	02/11/2025 10:27 am	PamM	Analyst	

[X] ACCEPTABLE: May release all data upon final review of individual results.
[ ] CAUTION: May release some or all data upon intense scrutiny of individual results.
[ ] REJECTION: Hold all data and re-analyse part or all data.

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Printed: 2/19/2025 3:07 pm

Lab SampleRange: 39755-39949

Soil: pH Soil-Water (1:2)

Amarillo: Soil Data Quality Control Report

Feb 11 2025 7:20AM 863250 Batch: A Instrument: Amarillo Auto pH

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range	Outliers LT(%) 1	2	3
CCV	4.21	4.16	4.15										2,706	4.18		0.17		4.1		3.80 - 4.40			
IOW	6.01	5.88	5.78										80	5.92	5.91	0.08	0.08	1.4	1.3	5.76 - 6.07	38	3	0

LAB #	39756	39938	39940
ORIGINAL	8.25	8.21	8.49
DUPLICATE	8.23	7.87	8.09
% RD	0.2	4.2	4.8

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD		1/3 33.3%	(>=33.3%)	
2 SD		3/3 100.0%	(>=66.7%)	(<25%)
3 SD		3/3 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 9/9 100.0%

Order of Analysis:

Missing Samples: NONE

Approved	Date / Tme	Name	Type	Comment
Y	02/11/2025 10:39 am	AshleighL	Signer	
Y	02/11/2025 10:27 am	PamM	Analyst	

[X] ACCEPTABLE: May release all data upon final review of individual results.
[ ] CAUTION: May release some or all data upon intense scrutiny of individual results.
[ ] REJECTION: Hold all data and re-analyse part or all data.

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Printed: 2/11/2025 10:39 pm

Lab SampleRange: 39755-39757 **Amarillo: Soil Data Quality Control Report** FIA

Soil: Exchangeable Ammonium-Nitrogen (FIA) **Feb 11 2025 7:48AM 863261 Batch: A Instrument: AMA-LACHAT QuikChem 8500 S-2**

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range	Outliers LT(%) 1	2	3
CCV	8.0	8.0											1,299	7.8		0.6		7.9		7.2 - 8.8			
MB	**0.8**	0.5											1,278	0.9		1.1				-0.5 - 0.5			
OKE	16.8	16.5											69	17.8	17.7	1.3	1.1	7.1	6.1	15.6 - 19.9	29	6	0
S	5.9	4.3											26	5.2	5.0	1.0	0.8	20.0	16.5	3.4 - 6.7	27	8	0
D	15.8	15.0											25	16.9	16.9	1.7	1.4	10.2	8.1	14.2 - 19.7	24	8	0

LAB #	39755
ORIGINAL	1.2
DUPLICATE	1.4
% RD	13.6

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD		4/6 66.7%	(>=33.3%)	
2 SD		6/6 100.0%	(>=66.7%)	(<25%)
3 SD		6/6 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 10/11 90.9%

Agronomic Relevance 2

Order of Analysis: S-1, D-1, OKE-1, CCV-1, MB-1, 39755-39757, >39755, MB-2, S-2, D-2, OKE-2, CCV-2

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	02/11/2025 3:12 pm	AshleighL	Signer	
Y	02/11/2025 3:05 pm	emmad	Analyst	

[X] ACCEPTABLE: May release all data upon final review of individual results.
[ ] CAUTION: May release some or all data upon intense scrutiny of individual results.
[ ] REJECTION: Hold all data and re-analyse part or all data.

The reported analytical results apply only to the sample as it was supplied. The report may not be reproduced, except in full, without permission of ServiTech.

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Printed: 2/19/2025 3:07 pm

Lab SampleRange: 39426-39900

Soil: Nitrate-Nitrogen (FIA)

Amarillo: Soil Data Quality Control Report

Feb 11 2025 7:48AM 863262 Batch: A Instrument: AMA-LACHAT QuikChem 8500

FIA

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range	Outliers LT(%) 1	2	3
CCV	5.3	5.2	5.2	5.1	5.1								6,855	4.9		0.3		6.6		4.5 - 5.5			
MB	0.3	0.2											3,359	0.3		1.1				-0.5 - 0.5			
OKE	26.5	24.2	25.3	24.6	25.1								471	24.5	24.5	1.2	1.0	4.9	4.2	22.5 - 26.6	33	6	0
S	7.1	5.9	6.9	6.2									125	6.4	6.4	0.5	0.4	7.9	6.7	5.5 - 7.2	32	6	0
D	7.0	6.8	6.7	6.6									118	6.7	6.6	0.3	0.2	4.9	3.8	6.1 - 7.1	29	7	0

LAB #	39763	39852	39881
ORIGINAL	1.7	8.2	8.2
DUPLICATE	1.6	7.1	8.2
% RD	0.7	14.1	0.0

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD		9/13 69.2%	(>=33.3%)	
2 SD		13/13 100.0%	(>=66.7%)	(<25%)
3 SD		13/13 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 22/23 95.7%

Agronomic Relevance 1

Order of Analysis: OKE-1, S-1, D-1, CCV-1, MB-1, 39426, 39684-39710, OKE-2, 39711-39742, S-2, CCV-2, 39743-39773, D-2, 39774-39805, OKE-3, CCV-3, 39806-39836, S-3, 39837-39868, D-3, CCV-4, 39869-39899, OKE-4, 39900, >39763, >39852, >39881, MB-2, S-4, D-4, OKE-5, CCV-5

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	02/11/2025 3:01 pm	AshleighL	Signer	
Y	02/11/2025 12:38 pm	emmad	Analyst	

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Lab SampleRange: 39755-39940 | **Amarillo: Soil Data Quality Control Report** | ICP

Soil: Mehlich 3 Extractable Phosphorus (ICP) | **Feb 11 2025 8:00AM 863273 Batch: A Instrument: Agilent ICP 5100**

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range	Outliers LT(%) 1	2	3
CCV	19.4	19.3	19.8	19.7									7,608	20.1		0.7		3.5		18.0 - 22.0			
MB	**0.5**	**0.9**											3,606	1.5		2.9				-0.2 - 0.2			
FRB	0.4	-0.1											0							-			
OKE	50.3	48.1	47.5										653	49.9	49.7	3.3	2.5	6.7	5.1	44.6 - 54.7	22	4	2
S	48.6	51.2	50.4	51.0									106	52.8	52.7	3.6	3.1	6.9	5.9	46.4 - 58.9	31	5	1
D	51.1	51.5	54.6	52.5									89	54.5	54.2	3.9	3.1	7.2	5.8	48.0 - 60.5	26	3	1

LAB #	39831	39929
ORIGINAL	34.5	34.4
DUPLICATE	36.4	33.1
% RD	5.5	3.9

Outliers	Blinds	All QCs		Acceptable	Reject
1 SD		10/11	90.9%	(>=33.3%)	
2 SD		11/11	100.0%	(>=66.7%)	(<25%)
3 SD		11/11	100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 19/21 90.5%

Agronomic Relevance 2

Order of Analysis: FRB-1, FRB-2, S-1, D-1, OKE-1, CCV-1, MB-1, 39755-39761, 39763-39781, S-2, 39782-39813, D-2, CCV-2, 39814-39844, OKE-2, 39845-39864, 39866, 39868, 39870, 39872, 39874, 39876, 39878, 39880, 39882, 39884, 39886, 39888, S-3, CCV-3, 39890, 39892, 39894, 39896, 39898, 39900, 39902, 39904, 39906, 39908, 39910-39930, D-3, 39931-39940, >39831, >39929, MB-2, OKE-3, S-4, D-4, CCV-4

Missing Samples:

Approved	Date / Tme		Name	Type	Comment
Y	02/11/2025	3:00 pm	AshleighL	Signer	
Y	02/11/2025	1:06 pm	ChristyW	Analyst	

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Lab SampleRange: 39755-39940

Soil: Mehlich 3 Extractable Potassium (ICP)

Amarillo: Soil Data Quality Control Report

Feb 11 2025 8:00AM 863273 Batch: A Instrument: Agilent ICP 5100

ICP

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range	Outliers LT(%) 1	2	3
CCV	49	48	49	49									7,608	50		2		3.5		45 - 55			
MB	6	4											3,606	9		14				-1 - 10			
FRB	-1	3											0							-			
OKE	167	161	162										653	161	159	16	12	10.0	7.6	135 - 184	24	4	2
S	345	352	342	330									106	346	347	13	11	3.6	3.2	325 - 369	34	6	0
D	444	422	477	437									89	451	451	22	19	4.8	4.1	413 - 488	28	3	2

LAB #	39831	39929
ORIGINAL	426	374
DUPLICATE	445	361
% RD	4.4	3.5

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD		8/11 72.7%	(>=33.3%)	
2 SD		11/11 100.0%	(>=66.7%)	(<25%)
3 SD		11/11 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 21/21 100.0%

Agronomic Relevance 10

Order of Analysis: FRB-1, FRB-2, S-1, D-1, OKE-1, CCV-1, MB-1, 39755-39761, 39763-39781, S-2, 39782-39813, D-2, CCV-2, 39814-39844, OKE-2, 39845-39864, 39866, 39868, 39870, 39872, 39874, 39876, 39878, 39880, 39882, 39884, 39886, 39888, S-3, CCV-3, 39890, 39892, 39894, 39896, 39898, 39900, 39902, 39904, 39906, 39908, 39910-39930, D-3, 39931-39940, >39831, >39929, MB-2, OKE-3, S-4, D-4, CCV-4

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	02/11/2025 3:00 pm	AshleighL	Signer	
Y	02/11/2025 1:06 pm	ChristyW	Analyst	

[X] ACCEPTABLE: May release all data upon final review of individual results.
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Lab SampleRange: 39755-39940 | **Amarillo: Soil Data Quality Control Report** | ICP

Soil: Mehlich 3 Extractable Calcium (ICP) | **Feb 11 2025 8:00AM 863273 Batch: A Instrument: Agilent ICP 5100**

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range	Outliers LT(%) 1	2	3
CCV	245	244	251	249									7,608	250		9		3.6		225 - 275			
MB	**64**	2											3,606	90		84		92.9		-5 - 50			
FRB	27	34											0							-			
OKE	1,940	2,110	2,299										653	2,117	2,104	186	158	8.8	7.5	1,788 - 2,419	32	5	1
S	5,454	5,490	5,249	5,475									106	5,356	5,323	229	190	4.3	3.6	4,943 - 5,704	30	6	1
D	3,012	2,772	3,241	2,975									89	2,993	2,992	143	126	4.8	4.2	2,740 - 3,245	36	2	2

LAB #	39831	39929
ORIGINAL	1644	6516
DUPLICATE	1731	5944
% RD	5.1	9.2

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD		9/11 81.8%	(>=33.3%)	
2 SD		11/11 100.0%	(>=66.7%)	(<25%)
3 SD		11/11 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 20/21 95.2%

Agronomic Relevance 25

Order of Analysis: FRB-1, FRB-2, S-1, D-1, OKE-1, CCV-1, MB-1, 39755-39761, 39763-39781, S-2, 39782-39813, D-2, CCV-2, 39814-39844, OKE-2, 39845-39864, 39866, 39868, 39870, 39872, 39874, 39876, 39878, 39880, 39882, 39884, 39886, 39888, S-3, CCV-3, 39890, 39892, 39894, 39896, 39898, 39900, 39902, 39904, 39906, 39908, 39910-39930, D-3, 39931-39940, >39831, >39929, MB-2, OKE-3, S-4, D-4, CCV-4

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	02/11/2025 3:00 pm	AshleighL	Signer	
Y	02/11/2025 1:06 pm	ChristyW	Analyst	

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Lab SampleRange: 39755-39940 | **Amarillo: Soil Data Quality Control Report** | ICP

Soil: Mehlich 3 Extractable Magnesium (ICP) | **Feb 11 2025 8:00AM 863273 Batch: A Instrument: Agilent ICP 5100**

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range	Outliers LT(%) 1	2	3
CCV	48	48	49	49									7,608	50		2		3.3		45 - 55			
MB	1	0											3,606	4		10				-2 - 15			
FRB	6	7											0							-			
OKE	262	277	287										653	276	275	24	20	8.5	7.3	234 - 315	30	4	1
S	529	527	534	530									106	530	530	26	22	4.9	4.1	487 - 574	26	5	1
D	443	428	490	463									89	452	450	24	20	5.2	4.5	410 - 491	26	4	1

LAB #	39831	39929
ORIGINAL	563	344
DUPLICATE	610	330
% RD	7.9	4.3

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD		9/11 81.8%	(>=33.3%)	
2 SD		11/11 100.0%	(>=66.7%)	(<25%)
3 SD		11/11 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 21/21 100.0%

Agronomic Relevance 10

Order of Analysis: FRB-1, FRB-2, S-1, D-1, OKE-1, CCV-1, MB-1, 39755-39761, 39763-39781, S-2, 39782-39813, D-2, CCV-2, 39814-39844, OKE-2, 39845-39864, 39866, 39868, 39870, 39872, 39874, 39876, 39878, 39880, 39882, 39884, 39886, 39888, S-3, CCV-3, 39890, 39892, 39894, 39896, 39898, 39900, 39902, 39904, 39906, 39908, 39910-39930, D-3, 39931-39940, >39831, >39929, MB-2, OKE-3, S-4, D-4, CCV-4

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	02/11/2025 3:00 pm	AshleighL	Signer	
Y	02/11/2025 1:06 pm	ChristyW	Analyst	

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Lab SampleRange: 39755-39940

Soil: Mehlich 3 Extractable Sodium (ICP)

Amarillo: Soil Data Quality Control Report

Feb 11 2025 8:00AM 863273 Batch: A Instrument: Agilent ICP 5100

ICP

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range	Outliers LT(%) 1	2	3
CCV	19.9	19.8	20.1	20.0									7,608	20.0		0.8		3.9		18.0 - 22.0			
MB	2.0	0.3											3,606	1.2		3.6				-1.0 - 10.0			
FRB	0.8	1.6											0							-			
OKE	67.1	70.5	69.5										653	68.0	67.3	7.1	5.2	10.4	7.7	56.9 - 77.6	21	4	1
S	83.0	80.5	81.4	80.4									106	82.0	82.2	4.3	4.1	5.2	4.9	74.1 - 90.3	36	2	0
D	39.7	36.9	42.4	39.2									89	38.7	38.7	2.2	2.0	5.7	5.3	34.6 - 42.7	31	2	0

LAB #	39831	39929
ORIGINAL	23.9	27.5
DUPLICATE	24.4	26.6
% RD	1.9	3.2

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD		10/11 90.9%	(>=33.3%)	
2 SD		11/11 100.0%	(>=66.7%)	(<25%)
3 SD		11/11 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 21/21 100.0%

Agronomic Relevance 5

Order of Analysis: FRB-1, FRB-2, S-1, D-1, OKE-1, CCV-1, MB-1, 39755-39761, 39763-39781, S-2, 39782-39813, D-2, CCV-2, 39814-39844, OKE-2, 39845-39864, 39866, 39868, 39870, 39872, 39874, 39876, 39878, 39880, 39882, 39884, 39886, 39888, S-3, CCV-3, 39890, 39892, 39894, 39896, 39898, 39900, 39902, 39904, 39906, 39908, 39910-39930, D-3, 39931-39940, >39831, >39929, MB-2, OKE-3, S-4, D-4, CCV-4

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	02/11/2025 3:00 pm	AshleighL	Signer	
Y	02/11/2025 1:06 pm	ChristyW	Analyst	

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Lab SampleRange: 39755-39940

Soil: Mehlich 3 Extractable Sulfur (ICP)

Amarillo: Soil Data Quality Control Report

Feb 11 2025 8:00AM 863273 Batch: A Instrument: Agilent ICP 5100

ICP

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range	Outliers LT(%) 1	2	3
CCV	1.9	2.0	1.9	1.9									7,608	2.1		0.1		7.0		1.8 - 2.2			
MB	0.1	0.1											3,606	0.6		4.3				-1.0 - 1.0			
FRB	2.8	2.2											0							-			
OKE	22.2	26.0	25.5										653	26.9	26.6	3.7	2.5	13.9	9.3	21.6 - 31.5	15	3	1
S	**12.7**	**13.5**	**12.9**	**13.4**									106	15.8	15.8	1.1	0.8	7.2	5.3	14.1 - 17.5	25	8	1
D	18.4	19.4	19.7	19.1									89	21.1	20.9	1.7	1.4	8.0	6.6	18.2 - 23.7	22	6	1

LAB #	39831	39929
ORIGINAL	1.9	8.2
DUPLICATE	2.1	6.8
% RD	6.5	18.8

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD		4/11 36.4%	(>=33.3%)	
2 SD		7/11 63.6%	(>=66.7%)	(<25%)
3 SD		11/11 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 17/21 81.0%

Agronomic Relevance 5

Order of Analysis: FRB-1, FRB-2, S-1, D-1, OKE-1, CCV-1, MB-1, 39755-39761, 39763-39781, S-2, 39782-39813, D-2, CCV-2, 39814-39844, OKE-2, 39845-39864, 39866, 39868, 39870, 39872, 39874, 39876, 39878, 39880, 39882, 39884, 39886, 39888, S-3, CCV-3, 39890, 39892, 39894, 39896, 39898, 39900, 39902, 39904, 39906, 39908, 39910-39930, D-3, 39931-39940, >39831, >39929, MB-2, OKE-3, S-4, D-4, CCV-4

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	02/11/2025 3:00 pm	AshleighL	Signer	
Y	02/11/2025 1:06 pm	ChristyW	Analyst	

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Lab SampleRange: 39724-39938 **Amarillo: Soil Data Quality Control Report**

Soil: TKN (Distillation/Titration) **Feb 11 2025 8:06AM 863278 Batch: B Mettler Toledo MS3002TS; AMA-Titrino Plus848**

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range	Outliers LT(%) 1	2	3
MB	0												988	0		0				-10 - 10			
LCS	665												0							320 - 1,120			
LCS		1,568											159	1,605		296		18.5		1,200 - 2,000			

LAB #	39724
ORIGINAL	1159
DUPLICATE	1009
% RD	13.8

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD			(>=33.3%)	
2 SD			(>=66.7%)	(<25%)
3 SD			(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 3/4 75.0%

Order of Analysis: MB-1, LCS-1, LCS-2, 39724, >39724, 39727, 39730, 39733, 39735, 39737, 39740, 39743, 39746, 39748, 39750, 39753, 39755-39757, 39938

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	02/12/2025 10:03 am	AshleighL	Signer	
Y	02/11/2025 3:55 pm	DenverR	Analyst	

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Lab SampleRange: 39751-40790

Soil: Sat. Paste Moisture

Amarillo: Soil Data Quality Control Report

Feb 17 2025 7:55AM 863935 Batch: A Instrument: Mettler Toledo MS3002TS

Sub Test

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range		Outliers LT(%) 1	2	3
PLP	47.7												103	45.8	45.9	1.8	1.7	3.8	3.6	42.5	49.2	39	1	1

LAB #	40790
ORIGINAL	34.7
DUPLICATE	38.6
% RD	10.8

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD		0/1 0.0%	(>=33.3%)	
2 SD		1/1 100.0%	(>=66.7%)	(<25%)
3 SD		1/1 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 1/2 50.0%

Order of Analysis: PLP-1, 39751-39757, 39938-39940, 40778-40790, >40790

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	02/18/2025 11:33 am	Amy.Meier	Signer	
Y	02/18/2025 8:48 am	emmad	Analyst	

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Lab SampleRange: 39751-40790

Soil: Sat. Paste EC (ECe)

Amarillo: Soil Data Quality Control Report

Feb 17 2025 7:56AM 863936 Batch: A Instrument: AMA-EC JenWay

Conductivity Meter

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range	Outliers LT(%) 1	2	3
CCV	1.413	1.413	1.413										103	1.416		0.007		0.5		1.336 - 1.633			
MB	0.009												989	0.007		0.021				0.000 - 0.100			
PLP	0.908												104	0.870	0.867	0.057	0.047	6.5	5.4	0.773 - 0.961	29	3	2

LAB #	40790
ORIGINAL	2.880
DUPLICATE	2.640
% RD	8.7

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD		1/1 100.0%	(>=33.3%)	
2 SD		1/1 100.0%	(>=66.7%)	(<25%)
3 SD		1/1 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 6/6 100.0%

Order of Analysis: PLP-1, MB-1, CCV-1, 39751-39757, 39938-39940, 40778-40783, CCV-2, 40784-40790, >40790, CCV-3

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	02/18/2025 11:32 am	Amy.Meier	Signer	
Y	02/18/2025 9:52 am	PamM	Analyst	

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Printed: 2/19/2025 3:08 pm

Lab SampleRange: 39753-40789 | **Amarillo: Soil Data Quality Control Report** | ICP

Soil: Sat. Paste Extractable Potassium (ICP) | **Feb 17 2025 7:56AM 863937 Batch: A Instrument: AMA-Agilent ICP 5900**

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range	Outliers LT(%) 1	2	3
CCV	19.6	20.2											1,988	20.6		1.3		6.1		18.0 - 22.0			
MB	0.9												900	0.7		1.2				-1.0 - 1.0			
PLP	35.8												80	33.9	33.7	1.8	1.5	5.3	4.5	30.7 - 36.7	31	3	1

LAB #	40789
ORIGINAL	182.1
DUPLICATE	181.2
% RD	0.5

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD		0/1 0.0%	(>=33.3%)	
2 SD		1/1 100.0%	(>=66.7%)	(<25%)
3 SD		1/1 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 5/5 100.0%

Order of Analysis: PLP-1, MB-1, CCV-1, 39753, 39755-39757, 39938-39940, 40778-40780, 40783, 40786, 40789, >40789, CCV-2

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	02/18/2025 2:44 pm	AshleighL	Signer	
Y	02/18/2025 2:07 pm	ChristyW	Analyst	

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Lab SampleRange: 39753-40789 | **Amarillo: Soil Data Quality Control Report** | ICP

Soil: Sat. Paste Extractable Calcium (ICP) | **Feb 17 2025 7:56AM 863937 Batch: A Instrument: AMA-Agilent ICP 5900**

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range	Outliers LT(%) 1	2	3
CCV	53.7	54.5											1,987	51.7		2.0		3.8		45.0 - 55.0			
MB	0.2												900	0.6		1.1				-5.0 - 5.0			
PLP	93.1												80	91.8	91.8	4.3	4.0	4.7	4.4	83.7 - 99.8	35	3	0

LAB #	40789
ORIGINAL	69.9
DUPLICATE	70.3
% RD	0.7

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD		1/1 100.0%	(>=33.3%)	
2 SD		1/1 100.0%	(>=66.7%)	(<25%)
3 SD		1/1 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 5/5 100.0%

Order of Analysis: PLP-1, MB-1, CCV-1, 39753, 39755-39757, 39938-39940, 40778-40780, 40783, 40786, 40789, >40789, CCV-2

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	02/18/2025 2:44 pm	AshleighL	Signer	
Y	02/18/2025 2:07 pm	ChristyW	Analyst	

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Lab SampleRange: 39753-40789 | **Amarillo: Soil Data Quality Control Report** | ICP

Soil: Sat. Paste Extractable Magnesium (ICP) | **Feb 17 2025 7:56AM 863937 Batch: A Instrument: AMA-Agilent ICP 5900**

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range	Outliers LT(%) 1	2	3
CCV	30.2	30.5											1,988	31.0		1.3		4.1		27.0 - 33.0			
MB	0.1												900	0.1		0.3				-1.5 - 1.5			
PLP	28.9												80	30.0	29.9	1.3	1.2	4.3	3.9	27.6 - 32.3	33	4	0

LAB #	40789
ORIGINAL	33.0
DUPLICATE	33.0
% RD	0.1

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD		1/1 100.0%	(>=33.3%)	
2 SD		1/1 100.0%	(>=66.7%)	(<25%)
3 SD		1/1 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 5/5 100.0%

Order of Analysis: PLP-1, MB-1, CCV-1, 39753, 39755-39757, 39938-39940, 40778-40780, 40783, 40786, 40789, >40789, CCV-2

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	02/18/2025 2:44 pm	AshleighL	Signer	
Y	02/18/2025 2:07 pm	ChristyW	Analyst	

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Lab SampleRange: 39753-40789 | **Amarillo: Soil Data Quality Control Report** | ICP

Soil: Sat. Paste Extractable Sodium (ICP) | **Feb 17 2025 7:56AM 863937 Batch: A Instrument: AMA-Agilent ICP 5900**

Sample	1	2	3	4	5	6	7	8	9	10	11	12	Count	X1	XL	STD1	STDL	RSTD1	RSTDL	Acceptable Range	Outliers LT(%) 1	2	3
CCV	20.1	20.1											1,988	20.7		1.5		7.2		18.0 - 22.0			
MB	0.6												900	0.4		0.8				-1.0 - 1.0			
PLP	56.4												80	57.3	57.3	2.3	2.2	4.1	3.8	52.9 - 61.7	39	3	0

LAB #	40789
ORIGINAL	69.9
DUPLICATE	69.8
% RD	0.2

Outliers	Blinds	All QCs	Acceptable	Reject
1 SD		1/1 100.0%	(>=33.3%)	
2 SD		1/1 100.0%	(>=66.7%)	(<25%)
3 SD		1/1 100.0%	(100%)	(<75%)

Total Adjusted Outliers (>66.7%) 5/5 100.0%

Order of Analysis: PLP-1, MB-1, CCV-1, 39753, 39755-39757, 39938-39940, 40778-40780, 40783, 40786, 40789, >40789, CCV-2

Missing Samples:

Approved	Date / Tme	Name	Type	Comment
Y	02/18/2025 2:44 pm	AshleighL	Signer	
Y	02/18/2025 2:07 pm	ChristyW	Analyst	

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Exhibit XV
Wall ISD
Effluent Analysis

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Hannah Ryan
SKG Engineering, LLC
706 South Abe Street
San Angelo, Texas 76903

Generated 10/20/2025 11:08:01 AM

JOB DESCRIPTION

Wall ISD Wastewater Permit renewal

JOB NUMBER

860-113779-1

Eurofins Houston
4145 Greenbriar Dr
Stafford TX 77477

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

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Authorized for release by
Sylvia Garza, Project Manager
Sylvia.Garza@et.eurofinsus.com
(832)544-2004

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Definitions/Glossary

Client: SKG Engineering, LLC
Job ID: 860-113779-1
Project/Site: Wall ISD Wastewater Permit renewal

Qualifiers

HPLC/IC

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

General Chemistry

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
F3	Duplicate RPD exceeds the control limit
HF	Parameter with a holding time of 15 minutes. Test performed by laboratory at client's request. Sample was analyzed outside of hold time.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job Narrative
860-113779-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt
The sample was received on 10/10/2025 9:19 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.2°C.

HPLC/IC
Method 300_ORGFMS: The following sample was diluted due to the abundance of non-target analytes: 25-1317 (860-113779-1). Elevated reporting limits (RLs) are provided.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry
Method 2320B: The sample duplicate (DUP) precision for analytical batch 860-268206 was outside control limits. Sample non-homogeneity is suspected.

Method 350.1: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for analytical batch 860-269261 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 351.2: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 860-268168 and analytical batch 860-268489 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method SM5210B_CBCalc: The glucose-glutamic acid standard (LCS) recovered outside the recovery limits specified in the method in batch 860-268705. The method holding time had expired, therefore the analysis was not repeated. The data was qualified and reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: SKG Engineering, LLC
Job ID: 860-113779-1
Project/Site: Wall ISD Wastewater Permit renewal

Client Sample ID: 25-1317
Lab Sample ID: 860-113779-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloride	289		1.00		mg/L	2		300.0	Total/NA
Nitrate as N	1.91		0.200		mg/L	2		300.0	Total/NA
Sulfate	77.7		1.00		mg/L	2		300.0	Total/NA
Total Suspended Solids	4.00		4.00		mg/L	1		2540D	Total/NA
Ammonia	2.37	F1	0.100		mg/L	1		350.1	Total/NA
Nitrogen, Kjeldahl	5.60	F1	1.00		mg/L	5		351.2	Total/NA
Phosphorus Total	3.73		0.200		mg/L	10		365.1	Total/NA
Phosphorus Pentoxide	8.55		0.458		mg/L	10		365.1	Total/NA
pH	6.65	HF			SU	1		9040C	Total/NA
Temperature	20.7	HF			Degrees C	1		9040C	Total/NA
Corrosivity	6.65	HF			SU	1		9040C	Total/NA
Alkalinity	17.2		4.00		mg/L	1		SM 2320B	Total/NA
Bicarbonate Alkalinity as CaCO3	17.2		4.00		mg/L	1		SM 2320B	Total/NA
Electrical Conductivity	805		10.0		umho/cm @ 25C	1		SM 2510B	Total/NA
Total Dissolved Solids	626		10.0		mg/L	1		SM 2540C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: SKG Engineering, LLC
Job ID: 860-113779-1
Project/Site: Wall ISD Wastewater Permit renewal

Client Sample ID: 25-1317
Lab Sample ID: 860-113779-1
Date Collected: 10/09/25 10:00
Matrix: Water
Date Received: 10/10/25 09:19

Method: EPA 300.0 - Anions, Ion Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	289		1.00		mg/L			10/10/25 17:07	2
Nitrate as N	1.91		0.200		mg/L			10/10/25 17:07	2
Sulfate	77.7		1.00		mg/L			10/10/25 17:07	2

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM (1664B)	<5.00	U	5.00		mg/L			10/13/25 09:24	1
Total Suspended Solids (SM 2540D)	4.00		4.00		mg/L		10/15/25 10:22	10/15/25 10:23	1
Ammonia (EPA 350.1)	2.37	F1	0.100		mg/L			10/17/25 01:33	1
Nitrogen, Kjeldahl (EPA 351.2)	5.60	F1	1.00		mg/L		10/13/25 13:44	10/14/25 15:31	5
Phosphorus Total (EPA 365.1)	3.73		0.200		mg/L			10/18/25 00:22	10
Phosphorus Pentoxide (EPA 365.1)	8.55		0.458		mg/L			10/18/25 00:22	10
Carbonaceous Biochemical Oxygen Demand (SM 5210B)	<2.00	U *+	2.00		mg/L		10/10/25 15:01	10/10/25 15:43	1
pH (SW846 9040C)	6.65	HF			SU			10/15/25 17:10	1
Temperature (SW846 9040C)	20.7	HF			Degrees C			10/15/25 17:10	1
Corrosivity (SW846 9040C)	6.65	HF			SU			10/15/25 17:10	1
Alkalinity (SM 2320B)	17.2		4.00		mg/L			10/13/25 11:40	1
Bicarbonate Alkalinity as CaCO3 (SM 2320B)	17.2		4.00		mg/L			10/13/25 11:40	1
Carbonate Alkalinity as CaCO3 (SM 2320B)	<4.00	U	4.00		mg/L			10/13/25 11:40	1
Hydroxide Alkalinity (SM 2320B)	<4.00	U	4.00		mg/L			10/13/25 11:40	1
Phenolphthalein Alkalinity (SM 2320B)	<4.00	U	4.00		mg/L			10/13/25 11:40	1
Electrical Conductivity (SM 2510B)	805		10.0		umho/cm @ 25C			10/15/25 17:10	1
Total Dissolved Solids (SM 2540C)	626		10.0		mg/L			10/11/25 13:21	1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 860-267742/3
Matrix: Water
Analysis Batch: 267742

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.500	U	0.500		mg/L			10/10/25 09:59	1
Sulfate	<0.500	U	0.500		mg/L			10/10/25 09:59	1

Lab Sample ID: MB 860-267742/53
Matrix: Water
Analysis Batch: 267742

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.500	U	0.500		mg/L			10/10/25 15:18	1
Sulfate	<0.500	U	0.500		mg/L			10/10/25 15:18	1

Lab Sample ID: LCS 860-267742/4
Matrix: Water
Analysis Batch: 267742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.994		mg/L		100	90 - 110
Sulfate	10.0	10.03		mg/L		100	90 - 110

Lab Sample ID: LCS 860-267742/54
Matrix: Water
Analysis Batch: 267742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	10.0	9.873		mg/L		99	90 - 110
Sulfate	10.0	9.869		mg/L		99	90 - 110

Lab Sample ID: LCSD 860-267742/5
Matrix: Water
Analysis Batch: 267742

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.991		mg/L		100	90 - 110	0	20
Sulfate	10.0	10.02		mg/L		100	90 - 110	0	20

Lab Sample ID: LCSD 860-267742/55
Matrix: Water
Analysis Batch: 267742

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	10.0	9.918		mg/L		99	90 - 110	0	20
Sulfate	10.0	9.916		mg/L		99	90 - 110	0	20

Lab Sample ID: LLCS 860-267742/57
Matrix: Water
Analysis Batch: 267742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.4556	J	mg/L		91	50 - 150
Sulfate	0.500	0.5026		mg/L		101	50 - 150

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LLCS 860-267742/7
Matrix: Water
Analysis Batch: 267742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	0.500	0.4918	J	mg/L		98	50 - 150
Sulfate	0.500	0.5316		mg/L		106	50 - 150

Lab Sample ID: MB 860-267743/53
Matrix: Water
Analysis Batch: 267743

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrate as N	<0.100	U	0.100		mg/L			10/10/25 15:18	1

Lab Sample ID: LCS 860-267743/54
Matrix: Water
Analysis Batch: 267743

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	10.0	10.18		mg/L		102	90 - 110

Lab Sample ID: LCSD 860-267743/55
Matrix: Water
Analysis Batch: 267743

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrate as N	10.0	10.21		mg/L		102	90 - 110	0	20

Lab Sample ID: LLCS 860-267743/56
Matrix: Water
Analysis Batch: 267743

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrate as N	0.100	0.1231		mg/L		123	50 - 150

Method: 1664B - HEM and SGT-HEM

Lab Sample ID: MB 860-268027/1
Matrix: Water
Analysis Batch: 268027

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
HEM	<5.00	U	5.00		mg/L			10/13/25 09:24	1

Lab Sample ID: LCS 860-268027/2
Matrix: Water
Analysis Batch: 268027

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
HEM	40.0	40.20		mg/L		100	78 - 114

Method: 1664B - HEM and SGT-HEM (Continued)

Lab Sample ID: LCSD 860-268027/3
Matrix: Water
Analysis Batch: 268027

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
HEM			40.0	39.30		mg/L		98	78 - 114	2	18

Method: 2540D - Solids, Total Suspended (TSS)

Lab Sample ID: MB 860-268658/1
Matrix: Water
Analysis Batch: 268658

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	<4.00	U	4.00		mg/L			10/15/25 10:23	1

Lab Sample ID: LCS 860-268658/2
Matrix: Water
Analysis Batch: 268658

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Total Suspended Solids			1000	820.0		mg/L		82	80 - 120		

Method: 350.1 - Nitrogen, Ammonia

Lab Sample ID: MB 860-269261/16
Matrix: Water
Analysis Batch: 269261

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	<0.100	U	0.100		mg/L			10/16/25 23:24	1

Lab Sample ID: MB 860-269261/56
Matrix: Water
Analysis Batch: 269261

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ammonia	<0.100	U	0.100		mg/L			10/17/25 01:24	1

Lab Sample ID: LCS 860-269261/57
Matrix: Water
Analysis Batch: 269261

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia			1.00	0.9985		mg/L		100	90 - 110		

Lab Sample ID: LCSD 860-269261/58
Matrix: Water
Analysis Batch: 269261

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia			1.00	1.007		mg/L		101	90 - 110	1	20

Method: 350.1 - Nitrogen, Ammonia (Continued)

Lab Sample ID: LLCS 860-269261/19
Matrix: Water
Analysis Batch: 269261

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia			0.100	0.1346		mg/L		135	50 - 150		

Lab Sample ID: 860-113779-1 MS
Matrix: Water
Analysis Batch: 269261

Client Sample ID: 25-1317
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Ammonia	2.37	F1	1.00	3.530	F1	mg/L		116	90 - 110		

Lab Sample ID: 860-113779-1 MSD
Matrix: Water
Analysis Batch: 269261

Client Sample ID: 25-1317
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ammonia	2.37	F1	1.00	3.486	F1	mg/L		112	90 - 110	1	20

Method: 351.2 - Nitrogen, Total Kjeldahl

Lab Sample ID: MB 860-268168/4-A
Matrix: Water
Analysis Batch: 268489

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 268168

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrogen, Kjeldahl	<0.200	U	0.200		mg/L		10/13/25 13:44	10/14/25 13:36	1

Lab Sample ID: LCS 860-268168/6-A
Matrix: Water
Analysis Batch: 268489

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 268168

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrogen, Kjeldahl			2.00	2.018		mg/L		101	90 - 110		

Lab Sample ID: LCSD 860-268168/7-A
Matrix: Water
Analysis Batch: 268489

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 268168

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrogen, Kjeldahl			2.00	2.058		mg/L		103	90 - 110	2	20

Lab Sample ID: LLCS 860-268168/5-A
Matrix: Water
Analysis Batch: 268489

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 268168

Analyte			Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits		
Nitrogen, Kjeldahl			0.200	0.2059		mg/L		103	50 - 150		

Method: 351.2 - Nitrogen, Total Kjeldahl (Continued)

Lab Sample ID: 860-113779-1 MS — **Client Sample ID: 25-1317**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 268489 — **Prep Batch: 268168**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Nitrogen, Kjeldahl	5.60	F1	2.00	7.752		mg/L		108	90 - 110

Lab Sample ID: 860-113779-1 MSD — **Client Sample ID: 25-1317**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 268489 — **Prep Batch: 268168**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Nitrogen, Kjeldahl	5.60	F1	2.00	7.910	F1	mg/L		115	90 - 110	2	20

Method: 365.1 - Phosphorus, Total

Lab Sample ID: MB 860-269476/17 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 269476

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus Total	<0.0200	U	0.0200		mg/L			10/17/25 18:43	1
Phosphorus Pentoxide	<0.0458	U	0.0458		mg/L			10/17/25 18:43	1

Lab Sample ID: MB 860-269476/96 — **Client Sample ID: Method Blank**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 269476

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phosphorus Total	<0.0200	U	0.0200		mg/L			10/17/25 23:19	1
Phosphorus Pentoxide	<0.0458	U	0.0458		mg/L			10/17/25 23:19	1

Lab Sample ID: LCS 860-269476/97 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 269476

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phosphorus Total	0.250	0.2440		mg/L		98	90 - 110
Total Phosphorus as PO4	0.766	0.7481		mg/L		98	90 - 110

Lab Sample ID: LCSD 860-269476/98 — **Client Sample ID: Lab Control Sample Dup**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 269476

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phosphorus Total	0.250	0.2470		mg/L		99	90 - 110	1	20
Total Phosphorus as PO4	0.766	0.7573		mg/L		99	90 - 110	1	20

Lab Sample ID: LLCS 860-269476/20 — **Client Sample ID: Lab Control Sample**
Matrix: Water — **Prep Type: Total/NA**
Analysis Batch: 269476

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Phosphorus Total	0.0200	0.02800		mg/L		140	50 - 150
Total Phosphorus as PO4	0.0613	0.08585		mg/L		140	50 - 150

Method: 5210B - CBOD, 5-Day

Lab Sample ID: SCB 860-268705/2
Matrix: Water
Analysis Batch: 268705

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	SCB Result	SCB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonaceous Biochemical Oxygen Demand	0.6270		0.0000020 0		mg/L			10/10/25 15:21	1

Lab Sample ID: USB 860-268705/1
Matrix: Water
Analysis Batch: 268705

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	USB Result	USB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbonaceous Biochemical Oxygen Demand	<0.00000200	U	0.0000020 0		mg/L			10/10/25 15:18	1

Lab Sample ID: LCS 860-268705/3
Matrix: Water
Analysis Batch: 268705

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbonaceous Biochemical Oxygen Demand	198	231.8	*+	mg/L		117	85 - 115

Method: 9040C - pH

Lab Sample ID: 860-113779-1 DU
Matrix: Water
Analysis Batch: 269108

Client Sample ID: 25-1317
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
pH	6.37	HF	6.380		SU		0.2	20
Temperature	22.6	HF	22.50		Degrees C		0.4	20
Corrosivity	6.37	HF	6.380		SU		0.2	

Method: SM 2320B - Alkalinity

Lab Sample ID: MB 860-268206/3
Matrix: Water
Analysis Batch: 268206

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Alkalinity	<4.00	U	4.00		mg/L			10/13/25 11:25	1
Bicarbonate Alkalinity as CaCO3	<4.00	U	4.00		mg/L			10/13/25 11:25	1
Carbonate Alkalinity as CaCO3	<4.00	U	4.00		mg/L			10/13/25 11:25	1
Hydroxide Alkalinity	<4.00	U	4.00		mg/L			10/13/25 11:25	1
Phenolphthalein Alkalinity	<4.00	U	4.00		mg/L			10/13/25 11:25	1

Lab Sample ID: LCS 860-268206/4
Matrix: Water
Analysis Batch: 268206

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Alkalinity	250	245.3		mg/L		98	85 - 115

Method: SM 2320B - Alkalinity (Continued)

Lab Sample ID: LCSD 860-268206/5
Matrix: Water
Analysis Batch: 268206

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Alkalinity			250	243.5		mg/L		97	85 - 115	1	20

Lab Sample ID: 860-113779-1 DU
Matrix: Water
Analysis Batch: 268206

Client Sample ID: 25-1317
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Alkalinity	17.2			11.40	F3	mg/L				41	20
Bicarbonate Alkalinity as CaCO3	17.2			11.40	F3	mg/L				41	20
Carbonate Alkalinity as CaCO3	<4.00	U		<4.00	U	mg/L				NC	20
Hydroxide Alkalinity	<4.00	U		<4.00	U	mg/L				NC	20
Phenolphthalein Alkalinity	<4.00	U		<4.00	U	mg/L				NC	20

Method: SM 2510B - Conductivity, Specific Conductance

Lab Sample ID: MB 860-268835/2
Matrix: Water
Analysis Batch: 268835

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Electrical Conductivity	<10.0	U	10.0		umho/cm @ 25C			10/15/25 15:38	1

Lab Sample ID: MB 860-269107/2
Matrix: Water
Analysis Batch: 269107

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Electrical Conductivity	<10.0	U	10.0		umho/cm @ 25C			10/16/25 13:00	1

Lab Sample ID: 860-113779-1 DU
Matrix: Water
Analysis Batch: 269107

Client Sample ID: 25-1317
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier		DU Result	DU Qualifier	Unit	D			RPD	RPD Limit
Electrical Conductivity	1290			1291		umho/cm @ 25C				0	20

Method: SM 2540C - Solids, Total Dissolved (TDS)

Lab Sample ID: MB 860-267948/1
Matrix: Water
Analysis Batch: 267948

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Dissolved Solids	<5.00	U	5.00		mg/L			10/11/25 13:21	1

Method: SM 2540C - Solids, Total Dissolved (TDS) (Continued)

Lab Sample ID: LCS 860-267948/2
Matrix: Water
Analysis Batch: 267948

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	1000	893.0		mg/L		89	80 - 120

Lab Sample ID: LLCS 860-267948/3
Matrix: Water
Analysis Batch: 267948

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LLCS Result	LLCS Qualifier	Unit	D	%Rec	%Rec Limits
Total Dissolved Solids	5.00	<5.00	U	mg/L		70	50 - 150

HPLC/IC

Analysis Batch: 267742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113779-1	25-1317	Total/NA	Water	300.0	
MB 860-267742/3	Method Blank	Total/NA	Water	300.0	
MB 860-267742/53	Method Blank	Total/NA	Water	300.0	
LCS 860-267742/4	Lab Control Sample	Total/NA	Water	300.0	
LCS 860-267742/54	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-267742/5	Lab Control Sample Dup	Total/NA	Water	300.0	
LCSD 860-267742/55	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-267742/57	Lab Control Sample	Total/NA	Water	300.0	
LLCS 860-267742/7	Lab Control Sample	Total/NA	Water	300.0	

Analysis Batch: 267743

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113779-1	25-1317	Total/NA	Water	300.0	
MB 860-267743/53	Method Blank	Total/NA	Water	300.0	
LCS 860-267743/54	Lab Control Sample	Total/NA	Water	300.0	
LCSD 860-267743/55	Lab Control Sample Dup	Total/NA	Water	300.0	
LLCS 860-267743/56	Lab Control Sample	Total/NA	Water	300.0	

General Chemistry

Prep Batch: 267858

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113779-1	25-1317	Total/NA	Water	CBOD Prep	

Analysis Batch: 267948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113779-1	25-1317	Total/NA	Water	SM 2540C	
MB 860-267948/1	Method Blank	Total/NA	Water	SM 2540C	
LCS 860-267948/2	Lab Control Sample	Total/NA	Water	SM 2540C	
LLCS 860-267948/3	Lab Control Sample	Total/NA	Water	SM 2540C	

Analysis Batch: 268027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113779-1	25-1317	Total/NA	Water	1664B	
MB 860-268027/1	Method Blank	Total/NA	Water	1664B	
LCS 860-268027/2	Lab Control Sample	Total/NA	Water	1664B	
LCSD 860-268027/3	Lab Control Sample Dup	Total/NA	Water	1664B	

Prep Batch: 268168

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113779-1	25-1317	Total/NA	Water	351.2	
MB 860-268168/4-A	Method Blank	Total/NA	Water	351.2	
LCS 860-268168/6-A	Lab Control Sample	Total/NA	Water	351.2	
LCSD 860-268168/7-A	Lab Control Sample Dup	Total/NA	Water	351.2	
LLCS 860-268168/5-A	Lab Control Sample	Total/NA	Water	351.2	
860-113779-1 MS	25-1317	Total/NA	Water	351.2	
860-113779-1 MSD	25-1317	Total/NA	Water	351.2	

Analysis Batch: 268206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113779-1	25-1317	Total/NA	Water	SM 2320B	

General Chemistry (Continued)

Analysis Batch: 268206 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-268206/3	Method Blank	Total/NA	Water	SM 2320B	
LCS 860-268206/4	Lab Control Sample	Total/NA	Water	SM 2320B	
LCSD 860-268206/5	Lab Control Sample Dup	Total/NA	Water	SM 2320B	
860-113779-1 DU	25-1317	Total/NA	Water	SM 2320B	

Analysis Batch: 268489

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113779-1	25-1317	Total/NA	Water	351.2	268168
MB 860-268168/4-A	Method Blank	Total/NA	Water	351.2	268168
LCS 860-268168/6-A	Lab Control Sample	Total/NA	Water	351.2	268168
LCSD 860-268168/7-A	Lab Control Sample Dup	Total/NA	Water	351.2	268168
LLCS 860-268168/5-A	Lab Control Sample	Total/NA	Water	351.2	268168
860-113779-1 MS	25-1317	Total/NA	Water	351.2	268168
860-113779-1 MSD	25-1317	Total/NA	Water	351.2	268168

Prep Batch: 268657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113779-1	25-1317	Total/NA	Water	TSS Prep	

Analysis Batch: 268658

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113779-1	25-1317	Total/NA	Water	2540D	268657
MB 860-268658/1	Method Blank	Total/NA	Water	2540D	
LCS 860-268658/2	Lab Control Sample	Total/NA	Water	2540D	

Analysis Batch: 268705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113779-1	25-1317	Total/NA	Water	5210B	267858
SCB 860-268705/2	Method Blank	Total/NA	Water	5210B	
USB 860-268705/1	Method Blank	Total/NA	Water	5210B	
LCS 860-268705/3	Lab Control Sample	Total/NA	Water	5210B	

Analysis Batch: 268835

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113779-1	25-1317	Total/NA	Water	SM 2510B	
MB 860-268835/2	Method Blank	Total/NA	Water	SM 2510B	
LCS 860-268835/3	Lab Control Sample	Total/NA	Water	SM 2510B	
LCSD 860-268835/4	Lab Control Sample Dup	Total/NA	Water	SM 2510B	

Analysis Batch: 268836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113779-1	25-1317	Total/NA	Water	9040C	

Analysis Batch: 269107

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 860-269107/2	Method Blank	Total/NA	Water	SM 2510B	
LCS 860-269107/3	Lab Control Sample	Total/NA	Water	SM 2510B	
LCSD 860-269107/4	Lab Control Sample Dup	Total/NA	Water	SM 2510B	
860-113779-1 DU	25-1317	Total/NA	Water	SM 2510B	

QC Association Summary

Client: SKG Engineering, LLC
Job ID: 860-113779-1
Project/Site: Wall ISD Wastewater Permit renewal

General Chemistry

Analysis Batch: 269108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113779-1 DU	25-1317	Total/NA	Water	9040C	

Analysis Batch: 269261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113779-1	25-1317	Total/NA	Water	350.1	
MB 860-269261/16	Method Blank	Total/NA	Water	350.1	
MB 860-269261/56	Method Blank	Total/NA	Water	350.1	
LCS 860-269261/57	Lab Control Sample	Total/NA	Water	350.1	
LCSD 860-269261/58	Lab Control Sample Dup	Total/NA	Water	350.1	
LLCS 860-269261/19	Lab Control Sample	Total/NA	Water	350.1	
860-113779-1 MS	25-1317	Total/NA	Water	350.1	
860-113779-1 MSD	25-1317	Total/NA	Water	350.1	

Analysis Batch: 269476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
860-113779-1	25-1317	Total/NA	Water	365.1	
MB 860-269476/17	Method Blank	Total/NA	Water	365.1	
MB 860-269476/96	Method Blank	Total/NA	Water	365.1	
LCS 860-269476/97	Lab Control Sample	Total/NA	Water	365.1	
LCSD 860-269476/98	Lab Control Sample Dup	Total/NA	Water	365.1	
LLCS 860-269476/20	Lab Control Sample	Total/NA	Water	365.1	

Lab Chronicle

Client: SKG Engineering, LLC
Job ID: 860-113779-1
Project/Site: Wall ISD Wastewater Permit renewal

Client Sample ID: 25-1317
Lab Sample ID: 860-113779-1
Date Collected: 10/09/25 10:00
Matrix: Water
Date Received: 10/10/25 09:19

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	300.0		2	0 mL	1.0 mL	267742	10/10/25 17:07	RJD	EET HOU
Total/NA	Analysis	300.0		2	0 mL	1.0 mL	267743	10/10/25 17:07	RJD	EET HOU
Total/NA	Analysis	1664B		1	1000 mL	1000 mL	268027	10/13/25 09:24	TN	EET HOU
Total/NA	Prep	TSS Prep					268657	10/15/25 10:22	CA	EET HOU
Total/NA	Analysis	2540D		1	1000 mL	1000 mL	268658	10/15/25 10:23	CA	EET HOU
Total/NA	Analysis	350.1		1	10 mL	10 mL	269261	10/17/25 01:33	BW	EET HOU
Total/NA	Prep	351.2			20 mL	20 mL	268168	10/13/25 13:44	AK	EET HOU
Total/NA	Analysis	351.2		5			268489	10/14/25 15:31	ALL	EET HOU
Total/NA	Analysis	365.1		10	10 mL	10 mL	269476	10/18/25 00:22	BW	EET HOU
Total/NA	Prep	CBOD Prep					267858	10/10/25 15:01	TV	EET HOU
Total/NA	Analysis	5210B		1	300 mL	300 mL	268705	10/10/25 15:43	MR	EET HOU
Total/NA	Analysis	9040C		1			268836	10/15/25 17:10	VS	EET HOU
Total/NA	Analysis	SM 2320B		1			268206	10/13/25 11:40	VS	EET HOU
Total/NA	Analysis	SM 2510B		1			268835	10/15/25 17:10	VS	EET HOU
Total/NA	Analysis	SM 2540C		1	100 mL	200 mL	267948	10/11/25 13:21	AP	EET HOU

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Accreditation/Certification Summary

Client: SKG Engineering, LLC
Job ID: 860-113779-1
Project/Site: Wall ISD Wastewater Permit renewal

Laboratory: Eurofins Houston

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704215	06-30-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
365.1		Water	Phosphorus Pentoxide
5210B	CBOD Prep	Water	Carbonaceous Biochemical Oxygen Demand
9040C		Water	Corrosivity
9040C		Water	Temperature
SM 2320B		Water	Bicarbonate Alkalinity as CaCO3
SM 2320B		Water	Carbonate Alkalinity as CaCO3
SM 2320B		Water	Hydroxide Alkalinity
SM 2320B		Water	Phenolphthalein Alkalinity

Method Summary

Client: SKG Engineering, LLC
Job ID: 860-113779-1
Project/Site: Wall ISD Wastewater Permit renewal

Method	Method Description	Protocol	Laboratory
300.0	Anions, Ion Chromatography	EPA	EET HOU
1664B	HEM and SGT-HEM	1664B	EET HOU
2540D	Solids, Total Suspended (TSS)	SM	EET HOU
350.1	Nitrogen, Ammonia	EPA	EET HOU
351.2	Nitrogen, Total Kjeldahl	EPA	EET HOU
365.1	Phosphorus, Total	EPA	EET HOU
5210B	CBOD, 5-Day	SM	EET HOU
9040C	pH	SW846	EET HOU
SM 2320B	Alkalinity	SM	EET HOU
SM 2510B	Conductivity, Specific Conductance	SM	EET HOU
SM 2540C	Solids, Total Dissolved (TDS)	SM	EET HOU
351.2	Nitrogen, Total Kjeldahl	EPA	EET HOU
CBOD Prep	Preparation, CBOD	SM	EET HOU
TSS Prep	Preparation, Total Suspended Solids	SM	EET HOU

Protocol References:

1664B = EPA-821-98-002

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater"

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET HOU = Eurofins Houston, 4145 Greenbriar Dr, Stafford, TX 77477, TEL (281)240-4200

Sample Summary

Client: SKG Engineering, LLC
Job ID: 860-113779-1
Project/Site: Wall ISD Wastewater Permit renewal

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
860-113779-1	25-1317	Water	10/09/25 10:00	10/10/25 09:19	Texas

SKG ENGINEERING, LLC
SURVEYING • ENVIRONMENTAL • LAB/CMT
706 SOUTH ABE STREET
SAN ANGELO, TEXAS 76903
PHONE: 325.655.1288
FAX: 325.657.8189

Anaylsis Request and Chain of Custody Record

Project No **25W1028**

Client/Project **Wall ISD - Wastewater Permit Renewal**

Sample ID/Description	Date/Time Sampled	Grab or Composite	No. of Sample Containers	Sample Type	Preservative	Analysis Requested
25-1317	10/9/25 10:00 AM	X	3	LIQ	ICED	cBOD, TSS, TDS, SO4, Cl-, NO3-N
		X	2	LIQ	H_2SO_4/Iced	NH3-N, TKN, Total P, pH, Elec. Conductivity
		X	1	LIQ	H_2SO_4/Iced	Oil & Grease
		X	1	LIQ	ICED	Alkalinity ($CaCO_3$)

860-113779 Chain of Custody

Sampler· (signature)	Relinquished by· Rozz Covert	Date: 10/9/25	Received by:	Date: 10/9/25
	(Signature)	Time: 1100	(Signature)	Time: 1100
Affiliation	Relinquished by·	Date: 10/9/25	Received by·	Date·
	(Signature)	Time: 1500	(Signature)	Time·
Wall ISD	Relinquished by·	Date:	Received by· Nuevar	Date: 10 10 25
	(Signature)	Time:	(Signature)	Time: 939

Remarks: 24/22 Hou 368

Send results to
steph@skge com
hannah@skge com

Date Results Needed

Requested TAT·

Login Sample Receipt Checklist

Client: SKG Engineering, LLC

Job Number: 860-113779-1

Login Number: 113779

List Source: Eurofins Houston

List Number: 1

Creator: Jimenez, Nicanor

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

Exhibit XVI
Wall ISD
Close Proximity WWTP Data

consulting environmental engineers, inc.

Main Office:
150 N. Harbin Drive – Suite 408
Stephenville, TX 76401
Phone: (254) 968-8130
Fax: (254) 968-8134

Branch Office:
11504 PR 7440
Wolfforth, TX 79382
Phone: (817) 504-8390
www.ceeinc.org

Registered Firm: F-2323

LIST OF WASTE WATER UTILITIES WITHIN 3 MILES OF THE PROPOSED SERVICE AREA BOUNDARY

None

Exhibit XVII
Wall ISD
Design Calculations

Extended Aeration - Design Spreadsheet

Wall ISD

INPUT

ADF (average daily flow) = **18,000** $gallons/day$

BOD (biochemical oxygen demand) = **300** mg/l

OUTPUT

I Daily Average Organic Load

$$ADF \times 8.33 \frac{lbs}{gallon} \times \frac{BOD}{1,000,000\ lbs} = \mathbf{45}\ lbs/day$$

II Peak Flow Organic Load

$$3 \times ADF \times 8.33 \frac{lbs}{gallon} \times \frac{BOD}{1,000,000\ lbs} = \mathbf{135}\ lbs/day$$

III Daily Average Flow Clarifier Design Area

$$\frac{ADF}{500\ gpd/ft^2} = \mathbf{36}\ ft^2$$

IV Peak Flow Clarifier Design Area

$$3 \times \frac{ADF}{1,000\ gpd/ft^2} = \mathbf{54}\ ft^2$$

V Design Flow Clarifier Volume

$$\frac{3.6\ hours \times ADF}{24\ hours} \times \frac{ft^3}{7.48\ gallons} = \mathbf{361}\ \ ft^3$$

VI Peak Flow Clarifier Volume

$$\frac{3 \times 1.8\ hours \times ADF}{24\ hours} \times \frac{ft^3}{7.48\ gallons} = \mathbf{541}\ \ ft^3$$

Clarifer Length

5.0661

VII Digester Volume

$$\frac{20\ ft^3}{lb/day} \times \text{daily average organic load (above Item I)} = \mathbf{900}\ \ ft^3$$

Digester Length

8.4177

VIII Chlorine Tank Volume

$$\frac{3 \times ADF}{(7.48 gallons)(1440 minutes)} \times 20\ minutes = \mathbf{100}\ \ ft^3$$

Chlorine Chamber Length

1.439

IX Aeration Basin Sizing

$$\text{daily average organic load (above Item I)} \times \frac{day}{15\ lbs} \times 1{,}000\ ft^3 = \mathbf{2{,}999}\ \ ft^3$$

Basin Length

28.059

X Air Supply For Aeration

$$\text{daily average organic load (above Item I)} \times \frac{1.98\ ft^3/min}{lb\ BOD_5} = \mathbf{89}\ \ ft^3/min$$

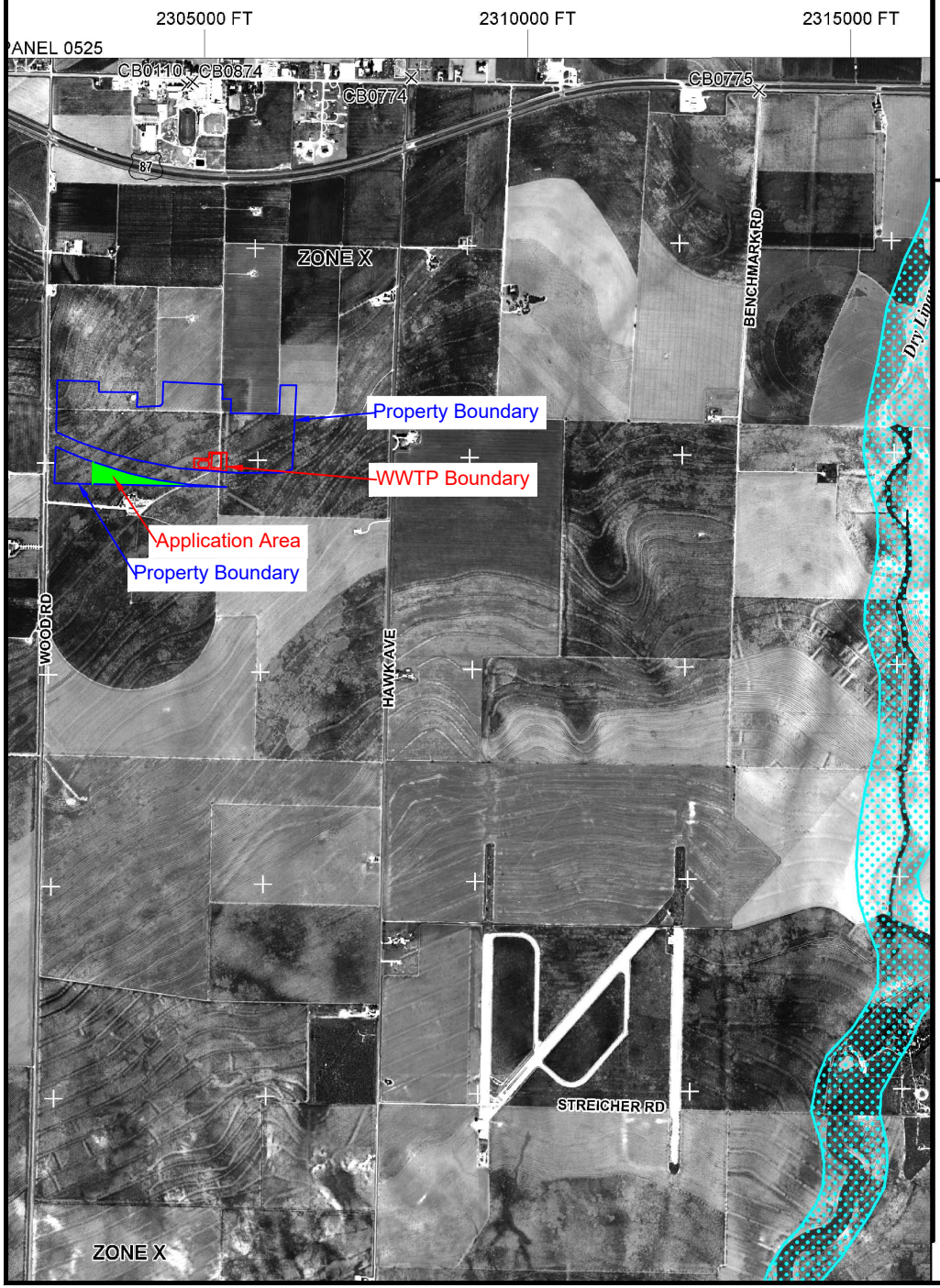
XI Air Supply For Digestion

$$\text{digester volume (above Item VII)} \times \frac{30\ ft^3/min}{1{,}000\ ft^3} = \mathbf{27}\ ft^3/min$$

XII Total Air Required

air supply for aeration (above Item X)
+ air supply for digestion (above Item XI)
+ 40 ft^3/min (air lifts) = **156** ft^3/min

Exhibit XVIII
Wall ISD
Flood Plain Map



MAP SCALE 1" = 2000'

1000 0 2000 4000 FEET

600 0 600 1200 METERS

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0675E

FIRM

FLOOD INSURANCE RATE MAP

TOM GREEN COUNTY, TEXAS

AND INCORPORATED AREAS

PANEL 675 OF 1025

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
TOM GREEN COUNTY, UNINCORPORATED AREAS	480622	0675	E

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
48451C0675E

EFFECTIVE DATE
JUNE 19, 2012

Federal Emergency Management Agency

Exhibit XVIII

Wall ISD
Wall, Tom Green County, Texas

Flood Plain Map

consulting environmental engineers, inc.
150 n. harbin drive - suite 408 stephenville, tx 76401
(254)968-8330 fax: (254)968-8334 email ceein@ceein.org
registered firm #F-2323

Date April 16, 2025
Drawn By CE
Scale 1":2900'

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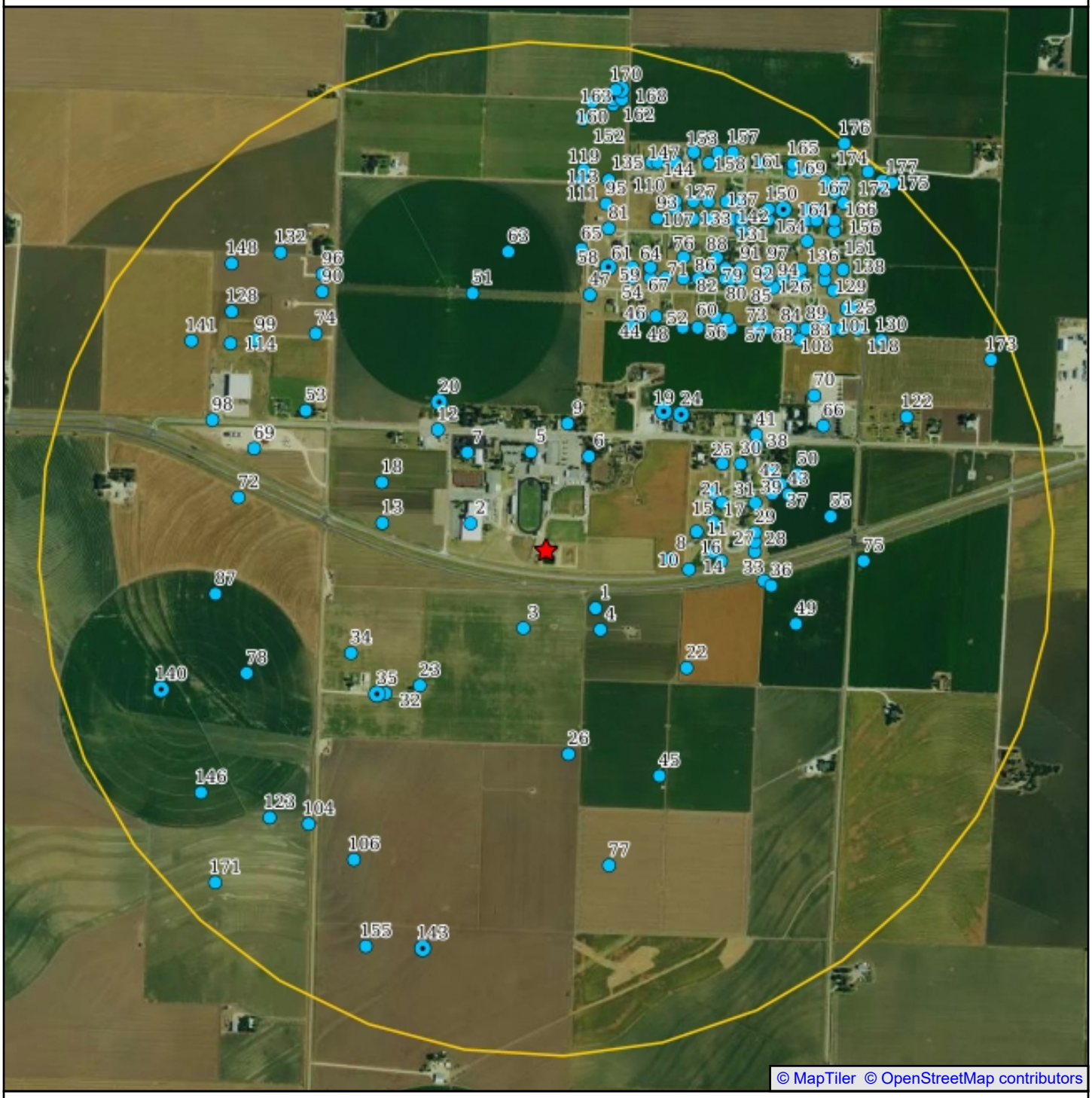
Exhibit XIX
Wall ISD
Well Map

Current Imagery Overlay Map - 1.0 Mile Radius

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP



Wall ISD

Single Water Well
Water Well Cluster
US WW,TX GWS,TX HGSD,TX HIST
TX PWS,TX SDR

Subject Site
Search Buffer

0' 1000' 2000'

1:18000
1 in = 1500 ft
1 in = 0.284 mi
1 cm = 180 m
1 cm = 0.180 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

`

Exhibit XX
Wall ISD
Well ID

Prepared for:
CONSULTING ENVIRONMENTAL ENGINEERS, INC.
150 North Harbin Drive, #408
Stephenville, TX 76401

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Water Well Report

Wall ISD

8065 Loop 570

Wall, TX 76957

Tom Green County

ES-145727

Tuesday, April 22, 2025

Table of Contents

Geographic Summary	3
Water Well Dataset Summary	4
Summary Map - 1.0 Mile Radius	5
Soil Survey Map - 1.0 Mile Radius	6
Soils Details	7
Soils Descriptions	9
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Current Imagery Overlay Map - 1.0 Mile Radius	11
Zip Code Map - 1.0 Mile Radius	12
Water Well Summary	13
Water Well Details	21
Dataset Descriptions	561
Disclaimer	562

Geographic Summary

Location
Tom Green County, TX

Coordinates	
Lat/Long in Degrees Minutes Seconds	31° 22' 15.00", -100° 18' 23.98"
Lat/Long in Decimal Degrees	31.370833, -100.30666
X/Y in NAD83 / UTM Zone 14N	375738.676892074, 3471438.42174063

Elevation
Subject Property lies 1868.01 feet above sea level.

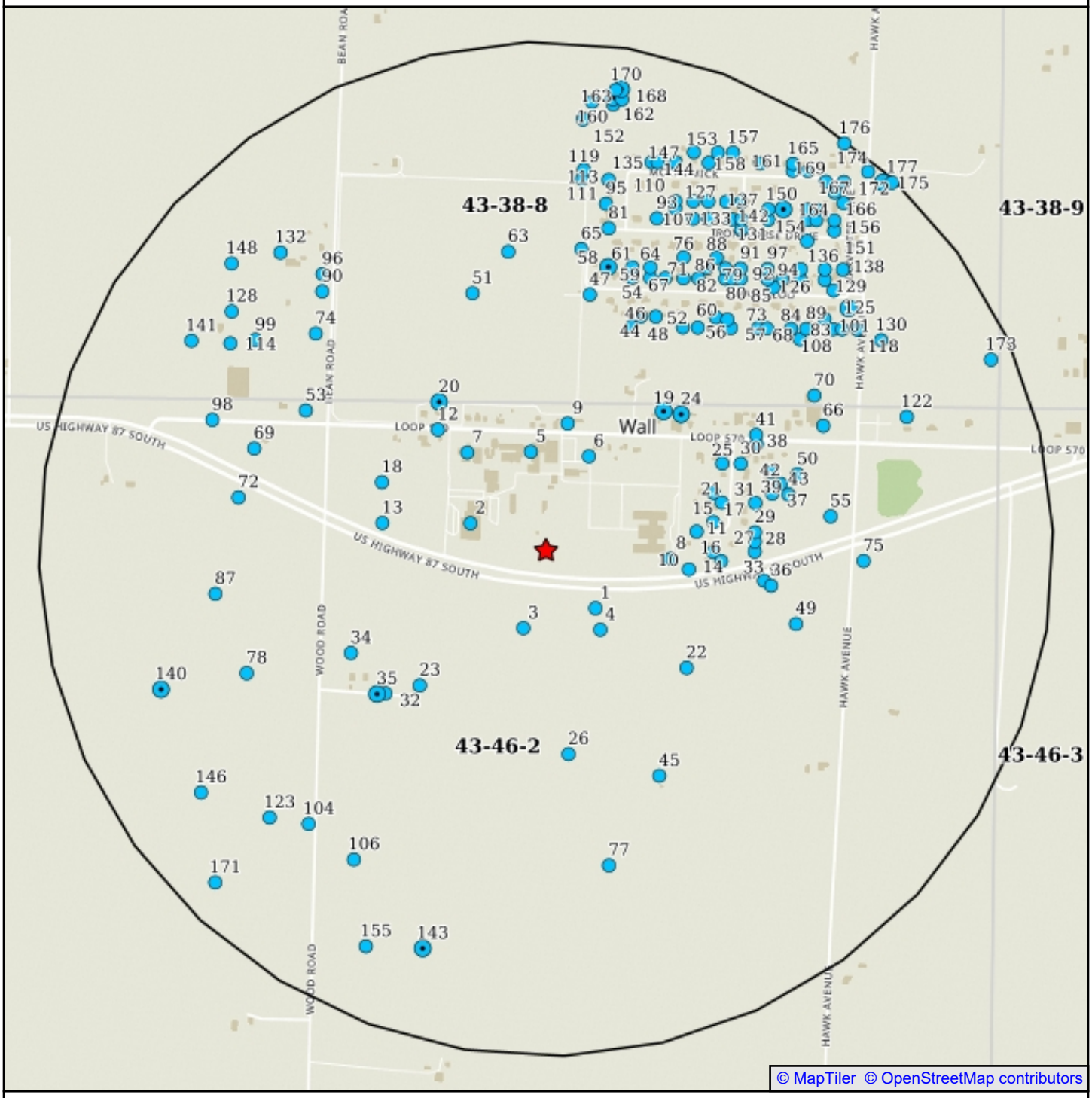
Zip Codes Searched	
Search Distance	**Zip Codes**
Subject Property	76957
1.0 miles	76904, 76957, 76905

Topos Searched	
Search Distance	**Topo Name**
Subject Property	Wall
1.0 miles	Veribest, Wall

Water Well Summary

Datasets Searched	Distance	Total
US Water Well (WW)	1.0	0
TX Groundwater Supply (GWS)	1.0	16
TX Harris/Galveston Subsidence District (HGSD)	1.0	0
TX Historical Water Well (HIST)	1.0	67
TX Public Water Supply (PWS)	1.0	1
TX Submitted Drillers Report (SDR)	1.0	106
Total Wells Found		**190**

Summary Map - 1.0 Mile Radius



Wall ISD

Single Water Well
Water Well Cluster

US WW,TX GWS,TX HGSD,TX HIST
TX PWS,TX SDR

Subject Site
Search Buffer
Texas Quad Index

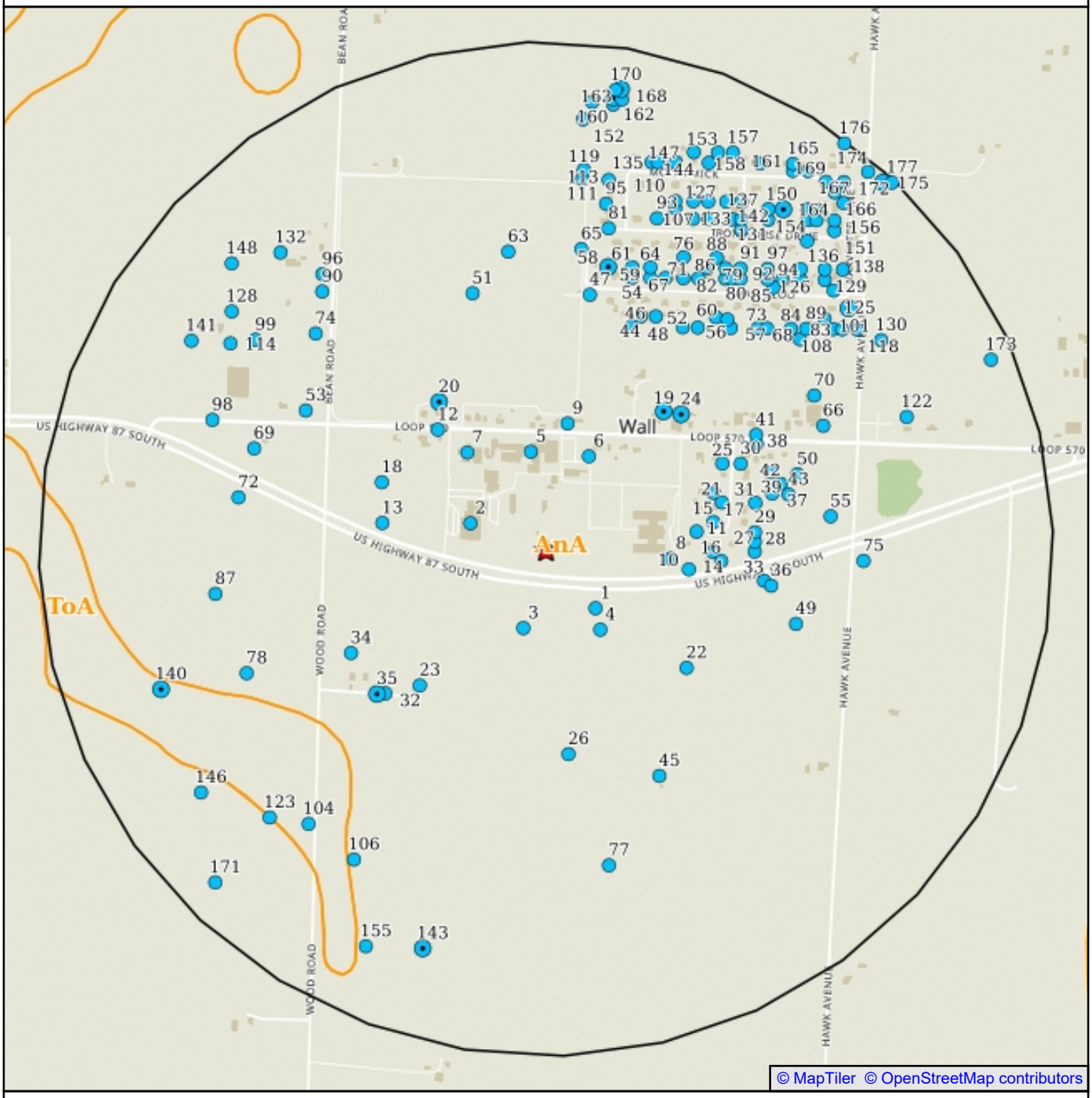
0' 1000' 2000'

1:18000
1 in = 1500 ft
1 in = 0.284 mi
1 cm = 180 m
1 cm = 0.180 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

Soil Survey Map - 1.0 Mile Radius



Wall ISD

Single Water Well
Water Well Cluster

US WW,TX GWS,TX HGSD,TX HIST
TX PWS,TX SDR

Subject Site
Search Buffer
Soils Boundary

0' 1000' 2000'

1:18000
1 in = 1500 ft
1 in = 0.284 mi
1 cm = 180 m
1 cm = 0.180 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

Soils Details

Soil Types Found	
Subject Property	AnA
Within 1.0 miles of Subject Property	ToA

Soil Type Descriptions

AnA - Angelo clay loam, 0 to 1 percent slopes

Percent Hydric	2
Minimum Depth to Bedrock	

Angelo (98%)

Hydrologic Group	Moderately high runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
H1	Clay loam	0 cm	15 cm	A-7-6, A-6	CL
H2	Clay	15 cm	71 cm	A-7-6, A-6	CL, CH
H3	Silty clay loam	71 cm	203 cm	A-6, A-7-6	CL

Unnamed, hydric (2%)

Hydrologic Group	
Soil Drainage Class	
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

ToA - Tobosa clay, 0 to 1 percent slopes

Percent Hydric	1
Minimum Depth to Bedrock	

Tobosa (92%)

Hydrologic Group	High runoff potential
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	High
Depth to Restrictive Feature	

Horizon	Soil Texture	Upper Boundary	Lower Boundary	AASHTO	Unified
A	Clay	30 cm	41 cm	A-7-6	CH
Ap	Clay	0 cm	30 cm	A-7-6	CH
BCk	Clay	152 cm	203 cm	A-7-6	CH
Bss1	Clay	41 cm	112 cm	A-7-6	CH
Bss2	Clay	112 cm	152 cm	A-7-6	CH

Angelo (4%)

Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Mereta, dry (3%)	
Hydrologic Group	
Soil Drainage Class	Well drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Unnamed, hydric (1%)	
Hydrologic Group	
Soil Drainage Class	Somewhat poorly drained
Corrosion Potential - Uncoated Steel	
Depth to Restrictive Feature	

Soils Descriptions

AASHTO Classification Definitions	
A-1, A-1-a, A-1-b	Granular materials (35% or less passing No. 200 sieve), sonte fragments, gravel and sand
A-2, A-2-4, A-2-5, A-2-6, A-2-7	Granular materials (35% or less passing No. 200 sieve), silty or clayey gravel and sand
A-3	Granular materials (35% or less passing No. 200 sieve), fine sand
A-4	Silt-Clay materials (more than 35% passing No. 200 sieve), silty soils
A-5	Silt-Clay materials (more than 35% passing No. 200 sieve), silty soils
A-6	Silt-Clay materials (more than 35% passing No. 200 sieve), clayey soils
A-7, A-7-5, A-7-6	Silt-Clay materials (more than 35% passing No. 200 sieve), clayey soils
A-8	Silt-Clay materials (more than 35% passing No. 200 sieve), clayey soils

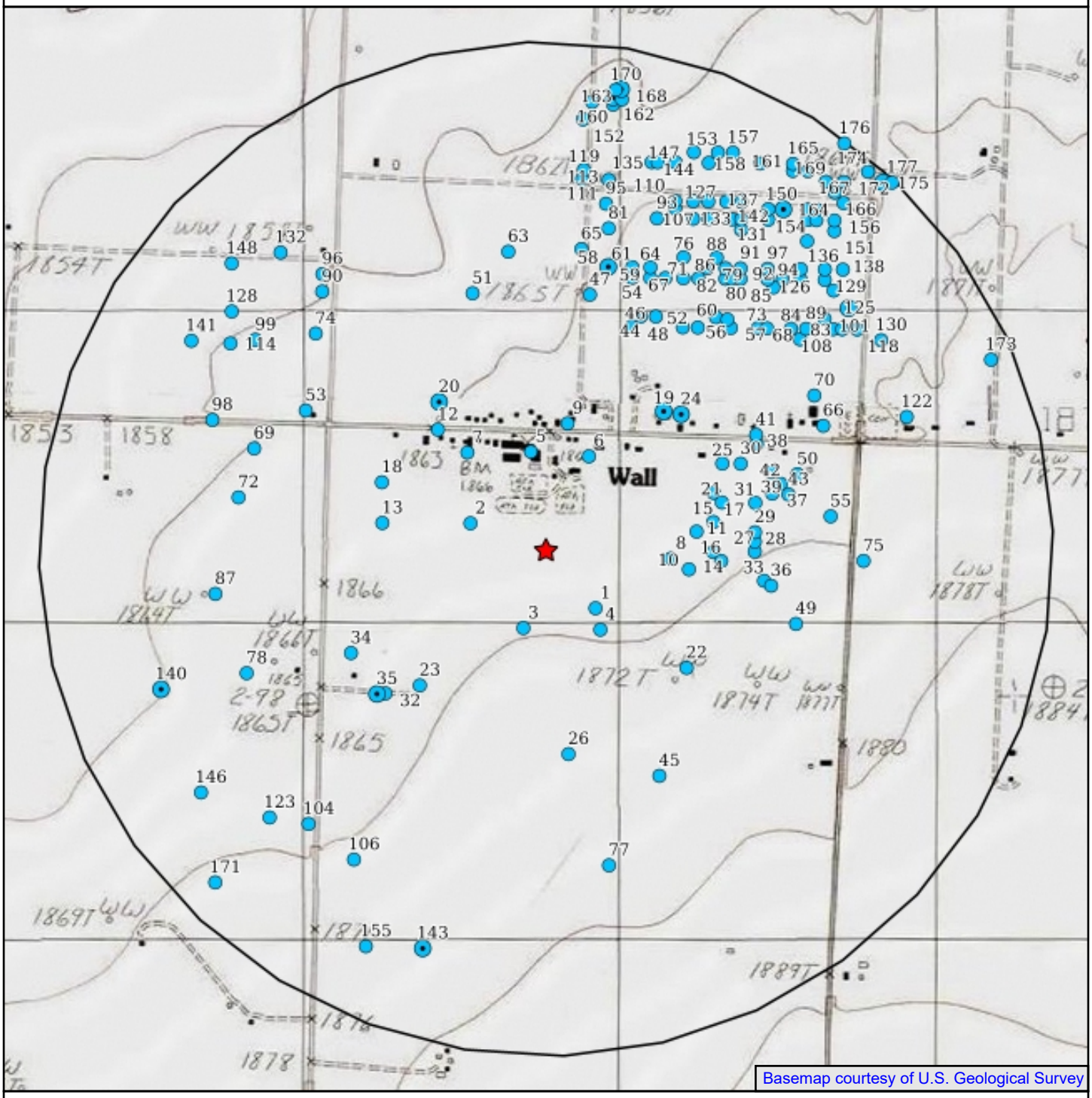
Unified Classification Definitions	
CH	Fine-grained soils, silts and clays (liquid limit is 50% or more), Fat Clay
CL, CL-A (proposed), CL-K (proposed), CL-ML, CL-O (proposed), CL-T (proposed)	Fine-grained soils, silts and clays (liquid limit is less than 50%), Lean Clay
GC, GC-GM	Coarse-grained soils, Gravels, gravel with fines, Clayey Gravel
GM	Coarse-grained soils, Gravels, gravel with fines, Silty Gravel
GP, GP-GC, GP-GM	Coarse-grained soils, Gravels, clean gravels, Poorly Graded Gravel
GW, GW-GC, GW-GM	Coarse-grained soils, Gravels, clean gravels, Well-Graded Gravel
MH, MH-A, MH-K, MH-O, MH-T	Fine-grained soils, silts and clays (liquid limit is 50% or more), Elastic Silt
ML, ML-A (proposed), ML-K (proposed), ML-O (proposed), ML-T (proposed)	Fine-grained soils, silts and clays (liquid limit is less than 50%), Silt
OH, OH-T (proposed)	Fine-grained soils, silts and clays (liquid limit is 50% or more), Organic Clay or Organic Silt
OL	Fine-grained soils, silts and clays (liquid limit is less than 50%), Organic Clay or Organic Silt
PT	Highly organic soils, Peat
SC, SC-SM	Coarse-grained soils, Sands, sands with fines, Clayey Sand
SM	Coarse-grained soils, Sands, sands with fines, Silty Sand
SP, SP-SC, SP-SM	Coarse-grained soils, Sands, clean sands, Poorly Graded Sand
SW, SW-SC, SW-SM	Coarse-grained soils, Sands, clean sands, Well-Graded Sand

Source
Natural Resources Conservation Service, Soil Survey Geographic (SSURGO) Database.

Disclaimer

This Soils Survey from Banks Environmental Data, Inc. has searched Natural Resources Conservation Service (NRCS) and the Soil Survey Geographic Database (SSURGO). All soil data presented on the map and in the details section are based on information obtained from NRCS. Although Banks performs quality assurance and quality control on all data, inaccuracies of the data and mapped locations could possibly be traced to the source. Banks Environmental Data, Inc. cannot fully guarantee the accuracy of the SSURGO database maintained by NRCS.

Topographic Overlay Map - 1.0 Mile Radius



Wall ISD

Subject Property Quad Name(s)
See Geographic Summary

0' 1000' 2000'

1:18000
1 in = 1500 ft
1 in = 0.284 mi
1 cm = 180 m
1 cm = 0.180 km

N

Subject Site
Search Buffer

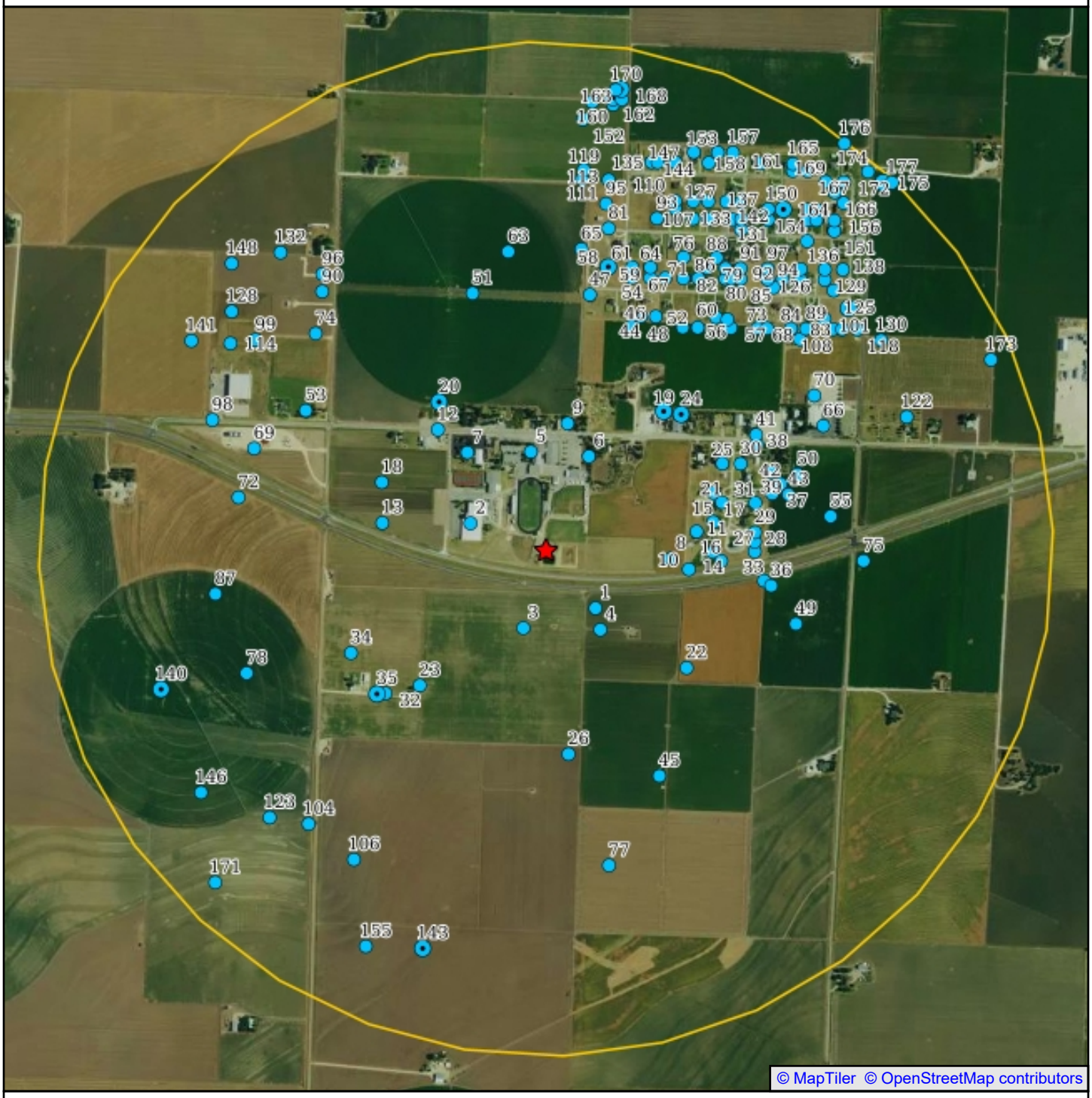
Single Water Well
Water Well Cluster

US WW,TX GWS,TX HGSD,TX HIST
TX PWS,TX SDR

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

Current Imagery Overlay Map - 1.0 Mile Radius

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP



Wall ISD

Single Water Well
Water Well Cluster
US WW,TX GWS,TX HGSD,TX HIST
TX PWS,TX SDR

Subject Site
Search Buffer

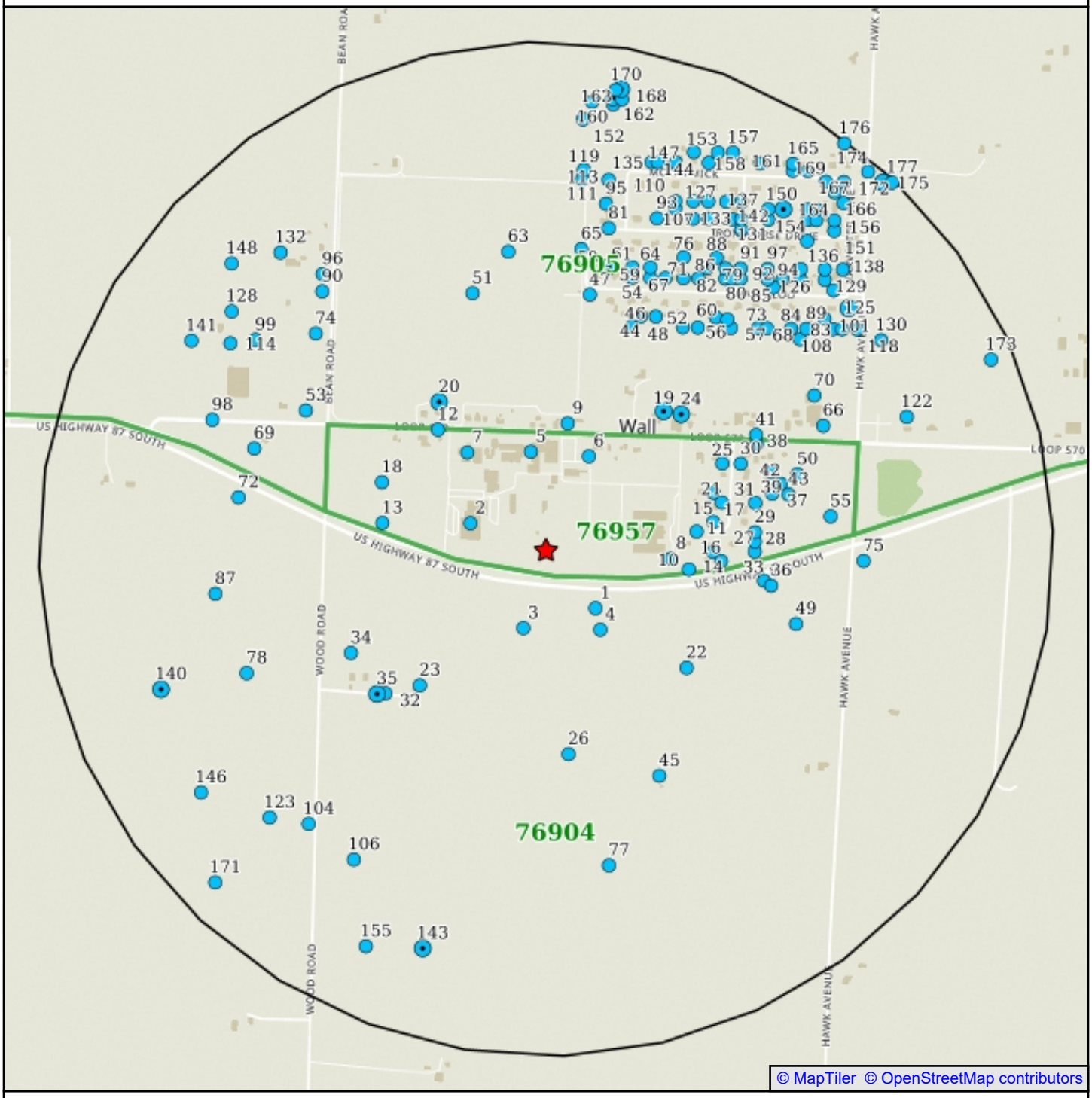
0' 1000' 2000'

1:18000
1 in = 1500 ft
1 in = 0.284 mi
1 cm = 180 m
1 cm = 0.180 km

N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

Zip Code Map - 1.0 Mile Radius



Wall ISD

Single Water Well
Water Well Cluster

US WW,TX GWS,TX HGSD,TX HIST
TX PWS,TX SDR

Subject Site
Search Buffer
Zip Code Boundary

0' 1000' 2000'

1:18000
1 in = 1500 ft
1 in = 0.284 mi
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N

NAD83 / UTM Zone 14N
North American Datum 1983
Western Meridian: 102 0' 00" West
Eastern Meridian: 96 0' 00" West
Latitude of Origin: 0 0' 00" North

Water Well Summary

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Map ID	Source ID	Dataset	Owner	Well Type	Drill Depth	Static Level	Completion Date	Distance	Elevation	Details Page #
5	4346208	GWS	Wall ISD	Irrigation	165		1978-08-01	0.19mi N	-1.21 ft	21
8	4346215	GWS	Wall ISD	Irrigation	205		2004-03-03	0.25mi E	+2.07 ft	35
19	4346216	GWS	Arnolds Steak & Mexican Restaurant	Public Supply	190		2002-07-30	0.35mi NE	-1.21 ft	37
33	4346213	GWS	Marvin Dierschke		155		1989-01-04	0.43mi E	+5.35 ft	41
34	4346203	GWS	R.S. Crouch	Irrigation	150		1947-01-01	0.44mi SW	-1.21 ft	45
45	4346212	GWS	Monroe Dierschke		173			0.50mi SE	+8.63 ft	47
53	4346204	GWS	A. J. Bean	Irrigation	117		1946-12-01	0.55mi NW	-7.78 ft	49
65	4338824	GWS	E S Kubela	Irrigation	103		1948-01-01	0.60mi N	-7.78 ft	56
70	4346205	GWS	Catholic Church	Domestic	137		1965-01-01	0.61mi NE	-1.21 ft	58
75	4346207	GWS	Kenneth Crouch	Irrigation	194		1991-01-01	0.63mi E	+5.35 ft	60
111	4338823	GWS	E S Kubela	Irrigation	105		1948-01-01	0.73mi N	-11.06 ft	65
143	4346214	GWS	Monroe Dierschke Jr.	Unused	175			0.82mi S	+8.63 ft	67
152	4338822	GWS	A W Strube	Irrigation	130		1949-01-01	0.85mi N	-11.06 ft	68
175	4338802	GWS	A.W. Strube	Irrigation	124		1945-02-01	0.98mi NE	-4.49 ft	70
175	4338821	GWS	A W Strube	Unused	120		1946-01-01	0.98mi NE	-4.49 ft	73
177	4338820	GWS	A W Strube	Irrigation	122		1945-01-01	0.99mi NE	-4.49 ft	75
1	43-46-2	HIST	Lavern Schnieres	Irrigation	180		1998-03-03	0.15mi SE	+2.07 ft	77
2	43-46-2	HIST	Monroe Dierschke	Irrigation	180		1989-12-20	0.16mi W	-1.21 ft	79
3	43-46-2F	HIST	Jimmy Schniers	Domestic	136		1976-01-30	0.16mi S	+2.07 ft	81
4	43-46-2E	HIST	Jimmy Schniers	Domestic	138		1976-01-23	0.19mi SE	+2.07 ft	83
6	43-46-2	HIST	Opal Wood	Domestic	180		1999-04-01	0.20mi NE	-1.21 ft	85
7	43-46-2	HIST	Will Brethern Church	Domestic	140		1995-03-16	0.25mi NW	-1.21 ft	87
9	43-46-2	HIST	Tommy Chapman	Domestic	135		1997-06-12	0.25mi N	-1.21 ft	89
11	43-46-2	HIST	Michael Biggerstaff	Domestic	200		1999-03-11	0.30mi E	+2.07 ft	91
13	43-46-2J	HIST	Darryl Schnieres	Irrigation	150		1983-01-06	0.33mi W	-4.49 ft	93
15	43-38-8	HIST	Michael Biggerstaff	Domestic	200		1999-04-01	0.33mi E	+2.07 ft	96

16	43-46-2	HIST	Michael Biggerstaff	Domestic	200	1999-03-02	0.35mi E	+2.07 ft	98
17	43-46-2	HIST	Michael Biggerstaff	Domestic	195	1998-09-10	0.35mi E	+2.07 ft	100
18	43-46-2	HIST	Wall Independent School District	Irrigation	135	1981-04-15	0.35mi NW	-4.49 ft	102
20	43-46-2	HIST	Wilfred Wilde	Irrigation	150	1990-12-05	0.35mi NW	-4.49 ft	105
20	43-38-8	HIST	Chris Bubenik	Irrigation	175	2001-11-13	0.36mi NW	-7.78 ft	107
21	43-46-2	HIST	Michael Biggerstaff	Domestic	200	1999-03-03	0.36mi E	+2.07 ft	109
22	43-46-2	HIST	Cloice Whittley	Irrigation	200	1998-05-01	0.36mi SE	+5.35 ft	111
24	43-46-2	HIST	BEDL Inc.	Public Supply	190	2002-07-30	0.38mi NE	-1.21 ft	113
24	43-46-2	HIST	BEDL Inc.	Public Supply	190	2002-07-30	0.38mi NE	-1.21 ft	115
25	43-38-8	HIST	Scott Allison	Domestic	190	1999-04-06	0.39mi NE	+2.07 ft	117
26	43-46-2	HIST	Lavern Schnieres	Irrigation	180	1998-03-05	0.41mi S	+5.35 ft	119
27	43-46-2	HIST	Donald Wilde	Domestic	200	1999-04-01	0.41mi E	+2.07 ft	121
28	43-46-2	HIST	Michael Biggerstaff	Domestic	200	1999-03-02	0.41mi E	+2.07 ft	123
29	43-46-2	HIST	Michael Biggerstaff	Domestic	200	1999-03-23	0.41mi E	+2.07 ft	125
30	43-46-2	HIST	Michael Biggerstaff	Domestic	200	1999-03-01	0.42mi E	+2.07 ft	127
31	43-38-8	HIST	Michael Biggerstaff	Domestic	200	1999-03-24	0.42mi E	+2.07 ft	129
32	43-46-2	HIST	Lavern Schniers	Irrigation	180	1998-03-04	0.43mi SW	+2.07 ft	131
35	43-46-2	HIST	Dusty Day	Domestic	160	1996-08-01	0.44mi SW	+2.07 ft	133
35	43-46-2	HIST	Kenneth Gunter	Domestic	54	1996-08-01	0.44mi SW	+2.07 ft	135
35	43-46-2	HIST	Kenneth Gunter	Domestic	40	1996-08-01	0.44mi SW	+2.07 ft	137
36	43-46-2	HIST	Marvin Dierschke	Irrigation	210	2000-09-25	0.45mi E	+5.35 ft	139
37	43-46-2	HIST	Michael Biggerstaff	Domestic	200	1999-03-25	0.46mi E	+2.07 ft	141
41	43-46-2	HIST	Donald Wilde	Domestic	200	2000-09-21	0.47mi NE	+2.07 ft	143
42	43-38-8	HIST	Michael Biggerstaff	Domestic	200	1999-03-26	0.48mi E	+2.07 ft	145
43	43-46-2	HIST	Donald Wilde	Irrigation	210	1990-02-20	0.49mi E	+2.07 ft	147
49	43-46-2	HIST	Mr. Felix Book	Domestic	76	1985-03-28	0.51mi E	+5.35 ft	149
50	43-46-2	HIST	Michael Hirt	Domestic	200	2000-07-11	0.52mi E	+2.07 ft	152

Water Well Summary

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

55	43-38-8	HIST	Frank Gully	Irrigation	180	1995-02-18	0.56mi E	+2.07 ft	154
60	43-38-8B	HIST	Charlie Becker	Domestic	136	1965-07-01	0.58mi NE	-1.21 ft	156
63	43-38-8	HIST	Larry Book	Irrigation	160	1988-11-03	0.59mi N	-7.78 ft	158
66	43-46-2	HIST	St Ambrose Church	Irrigation	190	1999-10-31	0.60mi E	+2.07 ft	161
77	43-46-2	HIST	Donald Wilde	Irrigation	210	1990-02-21	0.64mi S	+11.91 ft	163
78	43-46-2L	HIST	Gilbert Kubanek	Irrigation	160	1983-12-07	0.64mi W	-4.49 ft	165
87	43-46-2	HIST	Harvey Wilde	Irrigation	155	1998-01-14	0.66mi W	-4.49 ft	168
92	43-38-8A	HIST	St Ambrose Catholic Church	Public Supply	137	1965-02-02	0.68mi NE	-1.21 ft	170
101	43-38-8	HIST	Larry Book	N/A	200	1999-12-10	0.71mi NE	-1.21 ft	172
104	43-46-2	HIST	Harvey Wilde	Irrigation	175	1997-12-19	0.72mi SW	-1.21 ft	174
106	43-46-2	HIST	Mr. Felix Book	Domestic	74	1985-03-29	0.72mi SW	+2.07 ft	176
113	43-38-8	HIST	Marvin Strube	Irrigation	180	1997-08-14	0.74mi N	-7.78 ft	179
114	43-38-8H	HIST	Frank Gerngross Jr.	Irrigation	160	1983-12-15	0.74mi NW	-11.06 ft	181
119	43-38-8	HIST	Danial Strube	Irrigation	200	1998-06-22	0.75mi N	-11.06 ft	184
122	43-46-2	HIST	Ida Walters	Domestic	180	1998-05-19	0.76mi E	+2.07 ft	186
123	43-46-2	HIST	Edwin Wilde	Irrigation	125	1987-04-27	0.76mi SW	-4.49 ft	188
141	43-38-8	HIST	Larry Book	Irrigation	140	1988-11-05	0.81mi NW	-11.06 ft	191
143	43-46-2	HIST	Monroe Dierschke	Irrigation	175	1997-10-25	0.82mi S	+8.63 ft	194
146	43-46-2K	HIST	Dale Wilde	Domestic	117	1983-07-23	0.83mi SW	-4.49 ft	196
148	43-38-8H	HIST	Frank Gerngross Jr.	Irrigation	160	1983-12-15	0.84mi NW	-11.06 ft	198
155	43-46-2	HIST	Montroe Dierschke Jr.	Irrigation	175	1997-10-27	0.86mi SW	+5.35 ft	201
159	43-38-8F	HIST	John WIlde	Irrigation	222	1984-06-22	0.89mi N	-11.06 ft	203
162	43-38-8F	HIST	John Wilde	Irrigation	140	1981-04-11	0.90mi N	-11.06 ft	205
162	43-38-8F	HIST	John Wilde	Irrigation	140	1981-04-11	0.90mi N	-11.06 ft	207
163	43-38-8F	HIST	John Wilde	Irrigation	140	1981-04-10	0.90mi N	-11.06 ft	209
168	43-38-8F	HIST	John Wilde	Irrigation	200	1984-06-20	0.91mi N	-11.06 ft	212
168	43-38-8F	HIST	Harvey Braden	Irrigation	150	1981-04-07	0.92mi N	-11.06 ft	214
170	43-38-8F	HIST	John WIlde	Irrigation	140	1981-04-10	0.92mi N	-11.06 ft	217
171	43-46-2B	HIST	Gilbert Kubenka	Domestic	130	1969-05-01	0.93mi SW	+2.07 ft	220
173	43-46-2	HIST	H. O. Brodnax	Domestic	200	1999-09-17	0.95mi E	+2.07 ft	222

Water Well Summary

19	G2260103A	PWS	ARNOLDS STEAK AND MEXICAN RE STAURANT	Public Supply	190		2002-07-30	0.36mi NE	-1.21 ft	225
10	81348	SDR	Wall ISD	Irrigation	205	85	2004-03-03	0.28mi E	+2.07 ft	226
12	246741	SDR	Sundown State Bank	Domestic	180	90	2008-09-24	0.32mi NW	-4.49 ft	230
14	81351	SDR	Michael Biggerstaff	Domestic	200	85	2004-03-18	0.33mi E	+2.07 ft	233
23	327722	SDR	LaVerne Schniere	Domestic	195	100	2011-07-08	0.37mi SW	+2.07 ft	236
38	96732	SDR	MIKE BIGGE RSTAFF	Domestic	140	76	2006-10-23	0.46mi NE	+2.07 ft	239
39	169275	SDR	Michael Biggerstaff	Domestic	220	90	2004-11-12	0.47mi E	+2.07 ft	242
40	93501	SDR	LAND DEVEL OPMENT COMPANY	Domestic	180	90	2006-09-21	0.47mi NE	-4.49 ft	245
44	94256	SDR	Lipan Develo pement Co.	Domestic	180	95	2006-10-02	0.50mi NE	-4.49 ft	248
46	94255	SDR	Lipan Develo pement Co.	Domestic	180	100	2006-10-01	0.51mi NE	-4.49 ft	251
47	242943	SDR	Chris Bubenik	Irrigation	190	12	2005-06-23	0.51mi N	-4.49 ft	255
48	94650	SDR	LIPAN DEVE LOPMENT COMPANY	Domestic	180	80	2006-10-01	0.51mi NE	-1.21 ft	258
51	149634	SDR	Bubenik, Chris	Irrigation	190		2008-06-13	0.52mi N	-7.78 ft	261
52	94081	SDR	LIPAN DEVE LOPMENT COMPANY	Domestic	180	76	2006-09-30	0.53mi NE	-1.21 ft	264
54	93500	SDR	LAND DEVEL OPMENT COMPANY	Domestic	180	90	2006-09-20	0.56mi N	-4.49 ft	267
56	94254	SDR	Lipan Develo pement Co.	Domestic	180	100	2006-09-30	0.57mi NE	-4.49 ft	270
57	94253	SDR	Lipan Develo pement Co.	Domestic	180	100	2006-09-29	0.57mi NE	-1.21 ft	273
58	92930	SDR	LAND DEVEL OPMENT COMPANY	Domestic	180	100	2006-09-15	0.57mi N	-4.49 ft	276
58	92041	SDR	LAND DEVEL OPMENT COMPANY	Domestic	180	100	2006-08-26	0.57mi N	-4.49 ft	279
59	94651	SDR	LIPAN DEVE LOPMENT COMPANY	Domestic	180	76	2006-10-02	0.57mi NE	-4.49 ft	282
61	92931	SDR	LAND DEVEL OPMENT COMPANY	Domestic	180	100	2006-09-15	0.58mi N	-4.49 ft	285
62	94652	SDR	LIPAN DEVE LOPMENT COMPANY	Domestic	180	76	2006-10-03	0.58mi NE	-4.49 ft	288

64	92040	SDR	LAND DEVEL OPMENT COMPANY	Domestic	190	120	2006-08-25	0.59mi N	-4.49 ft	291
67	94653	SDR	LIPAN DEVE LOPMENT COMPANY	Domestic	180	76	2006-10-03	0.60mi NE	-4.49 ft	294
68	94080	SDR	LIPAN DEVE LOPMENT COMPANY	Domestic	180	76	2006-09-30	0.60mi NE	-1.21 ft	297
69	310915	SDR	Dale Wilde	Stock	160	85	2012-11-08	0.61mi W	-7.78 ft	300
71	94451	SDR	Lipan Develo pement Co.	Domestic	180	100	2006-10-04	0.61mi NE	-4.49 ft	303
72	395147	SDR	Harvey Wilde	Irrigation	180	80	2015-04-15	0.61mi W	-4.49 ft	306
73	94050	SDR	Lipan Develo pement Co.	Domestic	180	100	2006-09-29	0.62mi NE	-1.21 ft	309
74	517838	SDR	Dan Wilde	Domestic	180	40	2019-02-01	0.62mi NW	-11.06 ft	312
76	94449	SDR	Lipan Develo pement Co.	Domestic	180	100	2006-10-03	0.64mi NE	-4.49 ft	315
79	94654	SDR	LIPAN DEVE LOPMENT COMPANY	Domestic	180	76	2006-10-05	0.64mi NE	-4.49 ft	318
80	94655	SDR	LIPAN DEVE LOPMENT COMPANY	Domestic	180	75	2006-10-05	0.64mi NE	-4.49 ft	321
81	96731	SDR	LIPAN DEVE LOPMENT COMPANY	Domestic	180	75	2006-10-20	0.64mi N	-7.78 ft	324
82	96910	SDR	Lipan Develo pement Co.	Domestic	180	95	2006-10-21	0.65mi NE	-4.49 ft	327
83	197223	SDR	St. Ambrose Church	Irrigation	195	60	2007-07-12	0.65mi NE	-1.21 ft	330
84	94079	SDR	LIPAN DEVE LOPMENT COMPANY	Domestic	180	75	2006-09-29	0.65mi NE	-1.21 ft	333
85	92928	SDR	LAND DEVEL OPMENT COMPANY	Domestic	180	90	2006-09-14	0.66mi NE	-4.49 ft	336
86	96909	SDR	Lipan Develo pement Co.	Domestic	180	105	2006-10-20	0.66mi NE	-4.49 ft	339
88	95360	SDR	Lipan Develo pement Co.	Domestic	180	110	2006-10-05	0.67mi NE	-4.49 ft	342
89	94049	SDR	Lipan Develo pement Co.	Domestic	180	90	2006-09-29	0.67mi NE	-1.21 ft	345
90	149489	SDR	Wall Brethern Church	Domestic	160	60	2008-05-28	0.67mi NW	-11.06 ft	348
91	93735	SDR	Lipan Develo pement Co.	Domestic	180	95	2006-09-21	0.67mi NE	-4.49 ft	352
93	95252	SDR	LIPAN DEVE LOPMENT COMPANY	Domestic	180	75	2006-10-09	0.69mi N	-7.78 ft	355
94	92925	SDR	LAND DEVEL OPMENT COMPANY	Domestic	180	90	2006-09-14	0.69mi NE	-1.21 ft	358

95	436033	SDR	Kristen Oliver	Domestic	180	75	2016-10-26	0.69mi N	-7.78 ft	361
96	149484	SDR	Wall Brethern Church	Domestic	160	60	2008-05-24	0.70mi NW	-11.06 ft	365
97	93734	SDR	ipan Develop ement Co.	Domestic	180	92	2006-09-20	0.70mi NE	-4.49 ft	368
98	149335	SDR	Gerngross, Frank Jr.	Irrigation	175	60	2008-01-10	0.71mi NW	-7.78 ft	371
99	432619	SDR	CHAD SCHADRTL	Domestic	180	80	2016-02-08	0.71mi NW	-11.06 ft	374
100	94852	SDR	LIPAN DEVE LOPMENT COMPANY	Domestic	180	76	2006-10-06	0.71mi NE	-4.49 ft	378
102	94881	SDR	LIPAN DEVE LOPMENT COMPANY	Domestic	180	78	2006-10-09	0.71mi NE	-4.49 ft	381
103	94078	SDR	LIPAN DEVE LOPMENT COMPANY	Domestic	180	76	2006-09-28	0.71mi NE	-1.21 ft	384
105	92872	SDR	Lipan Development Co.	Domestic	180	95	2006-09-15	0.72mi NE	-7.78 ft	387
107	94879	SDR	LIPAN DEVE LOPMENT COMPANY	Domestic	180	78	2006-10-08	0.72mi NE	-4.49 ft	391
108	94077	SDR	LIPAN DEVE LOPMENT COMPANY	Domestic	180	75	2006-09-28	0.73mi NE	-1.21 ft	394
109	95362	SDR	Lipan Develo pement Co.	Domestic	180	100	2006-10-07	0.73mi NE	-4.49 ft	397
110	95572	SDR	Lipan Develo pement Co.	Domestic	180	70	2006-10-11	0.73mi N	-7.78 ft	400
112	94450	SDR	Lipan DEvelo pement Co.	Domestic	180	105	2006-10-04	0.74mi NE	-4.49 ft	403
115	95367	SDR	Lipan Development Co.	Domestic	180	90	2006-10-11	0.74mi NE	-7.78 ft	406
116	94075	SDR	LIPAN DEVE LOPMENT COMPANY	Domestic	180	90	2006-09-26	0.75mi NE	-4.49 ft	409
117	94877	SDR	LIPAN DEVE LOPMENT COMPANY	Domestic	180	76	2006-10-08	0.75mi NE	-4.49 ft	413
118	94076	SDR	LIPAN DEVE LOPMENT COMPANY	Domestic	180	75	2006-09-27	0.75mi NE	-1.21 ft	416
120	94875	SDR	LIPAN DEVE LOPMENT COMPANY	Domestic	180	76	2006-10-07	0.76mi NE	-7.78 ft	419
121	95366	SDR	Lipan Development Co.	Domestic	180	90	2006-10-10	0.76mi NE	-7.78 ft	422
124	204664	SDR	Gene Gully	Public Supply	180	60	2006-05-05	0.76mi NE	-1.21 ft	425
124	119715	SDR	Lipan Develo pement Co.	Irrigation	180	100	2007-06-15	0.76mi NE	-1.21 ft	429

Water Well Summary

125	94047	SDR	Lipan Development Co.	Domestic	180	99	2006-09-27	0.76mi NE	-4.49 ft	432
126	94048	SDR	Lipan Development Co.	Domestic	180	95	2006-09-28	0.76mi NE	-4.49 ft	435
127	95365	SDR	Lipan Development Co.	Domestic	180	90	2006-10-10	0.77mi NE	-7.78 ft	438
128	476951	SDR	Chad Schaertt	Domestic	170	60	2018-03-01	0.78mi NW	-11.06 ft	441
129	92923	SDR	LAND DEVELOPMENT COMPANY	Domestic	180	90	2006-09-13	0.78mi NE	-4.49 ft	444
130	47000	SDR	Daniel Strube	Irrigation	220	95	2003-12-18	0.78mi NE	-1.21 ft	447
131	92871	SDR	Lipan Development Co.	Domestic	180	106	2006-09-14	0.78mi NE	-4.49 ft	451
132	95361	SDR	Lipan Development Co.	Domestic	180	105	2006-10-07	0.78mi NW	-11.06 ft	454
133	95364	SDR	Lipan Development Co	Domestic	180	90	2006-10-09	0.79mi NE	-7.78 ft	458
134	95254	SDR	LIPAN DEVELOPMENT COMPANY	Domestic	180	75	2006-10-12	0.79mi N	-7.78 ft	461
135	95573	SDR	Lipan Development Co.	Domestic	180	90	2006-10-12	0.79mi N	-11.06 ft	464
136	204662	SDR	Gene Gully	Public Supply	200	60	2006-05-04	0.80mi NE	-4.49 ft	468
137	95363	SDR	Lipan Development Co.	Domestic	180	100	2006-10-09	0.80mi NE	-4.49 ft	472
138	94855	SDR	LIPAN DEVELOPMENT COMPANY	Domestic	180	76	2006-10-06	0.80mi NE	-4.49 ft	475
139	95256	SDR	LIPAN DEVELOPMENT COMPANY	Domestic	180	75	2006-10-13	0.80mi N	-7.78 ft	478
140	395146	SDR	Harvey Wilde	Irrigation	180	80	2015-04-15	0.81mi W	-11.06 ft	481
140	395157	SDR	Harvey Wilde	Irrigation	180	80	2015-04-15	0.81mi W	-11.06 ft	484
142	93733	SDR	Lipan Development Co.	Domestic	180	90	2006-09-19	0.82mi NE	-4.49 ft	487
142	94858	SDR	LIPAN DEVELOPMENT COMPANY	Domestic	180	75	2006-10-07	0.82mi NE	-4.49 ft	490
144	95257	SDR	LIPAN DEVELOPMENT COMPANY	Domestic	180	77	2006-10-14	0.83mi NE	-7.78 ft	493
145	94073	SDR	LIPAN DEVELOPMENT COMPANY	Domestic	180	90	2006-09-25	0.83mi NE	-4.49 ft	496
147	95574	SDR	Lipan Development Co.	Domestic	180	90	2006-10-12	0.83mi N	-11.06 ft	499
149	94046	SDR	Lipan Development Co.	Domestic	180	100	2006-09-26	0.84mi NE	-4.49 ft	502

Water Well Summary

150	93503	SDR	LAND DEVEL OPMENT COMPANY	Domestic	180	70	2006-09-22	0.84mi NE	-4.49 ft	506
151	92870	SDR	Lipan Development Co.	Domestic	180	100	2006-09-13	0.85mi NE	-4.49 ft	509
153	95575	SDR	Lipan Develo pement Co.	Domestic	180	90	2006-10-13	0.85mi NE	-7.78 ft	512
154	94045	SDR	Lipan Develo pement Co.	Domestic	180	100	2006-09-25	0.86mi NE	-4.49 ft	515
156	93737	SDR	Lipan Develo pement Co.	Domestic	180	92	2006-09-23	0.86mi NE	-1.21 ft	518
157	95576	SDR	Lipan Develo pement Co.	Domestic	180	90	2006-10-13	0.86mi NE	-7.78 ft	521
158	92921	SDR	LAND DEVEL OPMENT COMPANY	Domestic	180	85	2006-09-12	0.87mi NE	-7.78 ft	524
160	210396	SDR	Jones, Linda	Irrigation	155	50	2008-12-28	0.89mi N	-11.06 ft	527
161	92869	SDR	Lipan Development Co.	Domestic	180	98	2006-09-12	0.89mi NE	-7.78 ft	530
164	93736	SDR	Lipan Develo pement Co.	Domestic	180	90	2006-09-22	0.90mi NE	-4.49 ft	533
165	95577	SDR	Lipan Develo pement Co.	Domestic	180	90	2006-10-14	0.90mi NE	-7.78 ft	536
166	204661	SDR	Gene Gully	Public Supply	180	55	2006-05-08	0.90mi NE	-4.49 ft	539
167	92868	SDR	Lipan Development Co.	Domestic	180	100	2006-09-11	0.91mi NE	-4.49 ft	543
169	93502	SDR	LAND DEVEL OPMENT COMPANY	Domestic	180	90	2006-09-21	0.91mi NE	-4.49 ft	547
172	92918	SDR	LAND DEVEL OPMENT COMPANY	Domestic	180	100	2006-09-11	0.93mi NE	-4.49 ft	551
174	92038	SDR	LAND DEVEL OPMENT COMPANY	Domestic	175	100	2006-08-23	0.98mi NE	-4.49 ft	554
176	272034	SDR	Kenny Strube	Irrigation	190	115	2011-07-05	0.99mi NE	-7.78 ft	558

End of Water Well Summary

Map ID 5: GWS

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

GWS - Groundwater Supply

Map ID: 5		**Source: Texas Water Development Board**
Well Number: 4346208	**GWS - Groundwater Supply**	**Banks ID: 4346208**
Well Address: TX		**Rel. Loc.: 0.19mi N**
Completion Date: 1978-08-01		**Drill Depth: 165.0**
Owner: Wall ISD		**Elevation: 1866.80 ft (-1.21 ft)**

County:	Tom Green
Aquifer Code:	112LEON
Driller:	Calvin Hoelscher
Drilling Start Date:	
Drilling Method:	Mud (Hydraulic) Rotary
Well Type:	Withdrawal of Water
Digital Log:	Go to webpage

SN #121

in Plotted Files E

Texas Water Development Board
Well Schedule

4m out of Town
Superintendent Gibson
SEC. DAFORA
FRANK GRENGROSS - School Board President

State Well No. 43 46 208 **Previous Well No.** _____ **County** Tom GREEN 451

River Basin COLORADO 14 **Zone** 2 **Lat.** 31 22 24 **Long.** 100 18 25 **Source of Coord.** 1

Owner's Well No. _____ **Location** ____ 1/4, ____ 1.4, **Section** ____, **Block** ____, **Survey** ____

Owner WALL ISD **Driller** CALVIN HOELSCHER

Address P.O. Box 259, WALL, TX 76957 **Tenant/Oper.** c/o Frank Grengross, School Board Pres.

Date Drilled 08 01 1978 **Depth** 165 **Source of Depth Datum** D **Altitude** 1866 **Source of Alt. Datum** M

Aquifer LEONA — 112LEON **Well Type** W **User** _____

Well Construction Const. Method ROTARY H **Casing Material** PVC P

Completion PERF. P **Screen Material** PVC P

Lift Data Pump Mfr. Gould Type SUBMERS. S No. Stages ____

Bowls Diam. ____ in. Setting ____ ft. Column Diam. ____ in.

Motor Mfr. ____ Fuel or Power ELECT. E Horsepower 7.50

Yield Flow ____ GPM Pump ____ GPM Meas., Rept., Est. ____ Date ____

Performance Test Date ____ Length of Test ____ Production ____ GPM

Static Level ____ ft. Pumping Level ____ ft. Drawdown ____ ft. Sp.Cap. ____ GPM/ft.

~~Quality~~ (Remarks WELL IN MOST EASTERN WELL HOUSE

Water Use Primary ~~Municipal~~ School T Secondary ____ Tertiary ____

Other Data Available Water Level M Water Quality Y Logs D Other Data ____

Water Levels Date 08 04 1978 Meas. 45.00 7-0"

Date ____ Meas. ____

Date ____ Meas. ____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S)
Open Hole (O)
Cemented from ___ to ___

	Diam. (in.)	Setting (feet) From	To
1	C 5	0	60
2	S 5	60	165
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

(20 max)

SEE BACK - FOR MAP

Recorded By D. Peckham **Date Record Collected or Updated** 06 24 1992 **Reporting Agency** 01

Remarks SCHOOL WELL BEHIND CAFETERIA

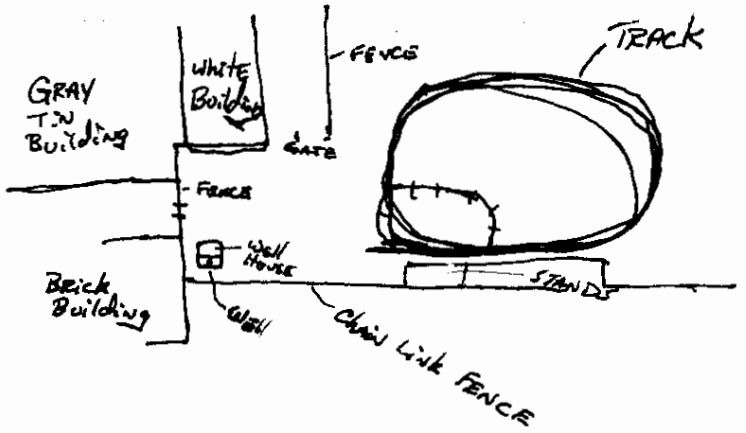
KEY PUNCHED

Aquifer ____

Well No. 43-46-208

92-0023
9/9/91

43-ib-2


GRAY
TIN
Building
White
Building
FENCE
TRACK
GATE
FENCE
Well
House
STAND
Brick
Building
Well
Chain Link FENCE

RECEIVED

AUG 21 1978

DEPT. OF WATER RESOURCES

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

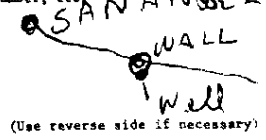
For TWDB use only
Well No. 43-46-2E
Located on map 1/25
Received: 8-21-78

1) OWNER:
Person having well drilled WALL ISD Address WALL TEXAS
(Name) (Street or RFD) (City) (State)

Landowner SAME Address
(Name) (Street or RFD) (City) (State)

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

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.



(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 3/4 in. Depth drilled 165 ft. Depth of completed well 165 ft. Date drilled 8-1-78
All measurements made from Surface ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	5	Top Soil
5	10	Caliche
10	60	Red Clay
60	90	Conglomerate (Water)
90	100	Brown & Yellow Lime (Water)
100	110	Blueish Yellow Clay
110	135	Blue Lime Water
135	145	Blue Clay
145	150	Red Clay
150	165	Blue Lime (water)

(Use reverse side if necessary)

9) Casing:
Type: Old New Steel Plastic Other
Cemented from ft. to ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
5"	0	165	

10) SCREEN:
Type Plastic
Perforated Slotted

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
5	60	165	

7) COMPLETION (Check):
Straight wall, Gravel packed, Other
Under reamed, Open Hole

8) WATER LEVEL:
Static level 45 ft. below land surface Date 8-4-78
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 gpm with ft. drawdown after 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? depth of strata

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 Colvin Hoelscher (Type or Print) Water Well Drillers Registration No. 511

ADDRESS RT 3 Box 323 (Street or RFD) San Angelo (City) Texas (State)

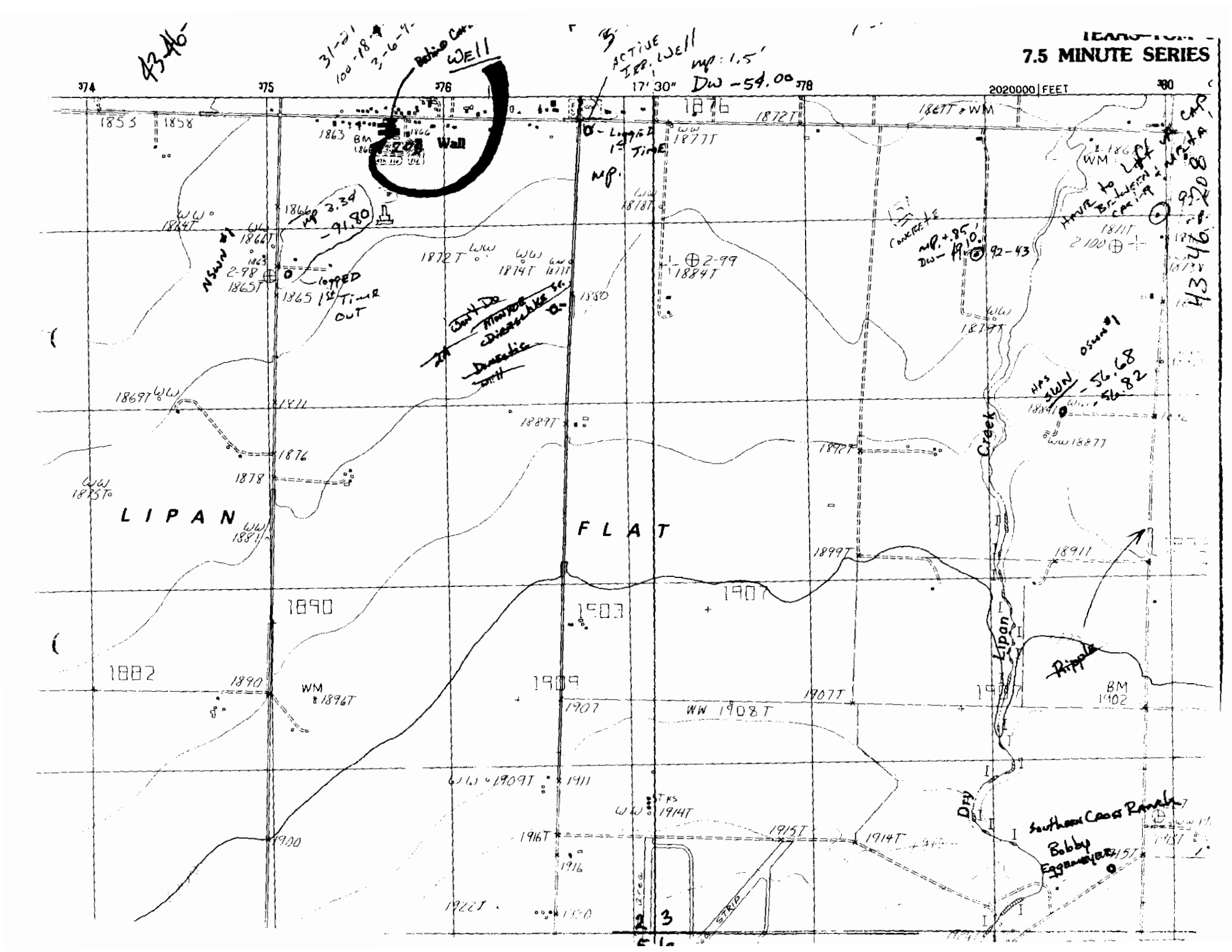
(Signed) Calvin Hoelscher (Water Well Driller) (Company Name)

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

*Additional instructions on reverse side.

TWDBE-GW-53

43-46-208


7.5 MINUTE SERIES
LIPAN
FLAT
Creek
Lipan
Rippole
Dry
Southern Cross Ranch
Bobby Eggemeyer
WELL
ACTIVE INJ. WELL
mp: 1.5'
DW -54.00
17' 30"
2020000 FEET
374
375
376
378
380
1876
1872T
1877T
1863
BM
1866
1866
mp 3.34
-91.80
1864T
1866T
1865T
2-98
1865
1ST TIMER
OUT
1872T
1814T
1884T
2-99
1880
1897T
1876
1878
1885T
1881T
1890
1882
1890
WM
1896T
1903
1907
1907T
1908T
1909T
1911
1914T
1915T
1916T
1916
1900
1922T
1920
1899T
1911
1907T
1902
1884T
1887T
1897T
1871T
1873T
1871T
2100
92-43
mp +.85'
DW -19.10
92-20
92-46
43-46
56.68
56.82
OSWN #1
HPS
SWN
NSWN #1
CUT + DO
MONITOR
DISPOSAL
DOMESTIC
WELL
LOGGED
1ST TIME
CONCRETE
HAVE
TO
CAP
WM
1866T
1877T
1818T
1814T
1871T
1887T
1897T
1899T
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1909T
1914T
1915T
1916T
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1916
1900
1890
1896T
1881T
1885T
1878
1876
1897T
1871T
1884T
1887T
1873T
1871T
2100
1818T
1864T
1866T
1865T
1872T
1884T
1880
1877T
1872T
1876
1858
1855
1863
BM
1866
STKS
1914T
STRIP
Lined
2
3

Water Quality Sampling Run

SWN: 43-46-208
County: Tom Green
Aquifer(s): Leon

ATTENTION: MR. DON GIBSON
Name: Wall ISD
Address: ~~8065 S. Hwy 87~~
P.O Box 259 Wall TX 76957
915-651-7790

Sample No. GW-RM-1994-530
Date: 10-22-93
By: Ron Mohr

Bottle 1	Bottle 2	Bottle 3	Bottle 4	Bottle 5	Bottle 6	Bottle 7	Total SUB-Samples
1 liter Anions	1 liter Cations	~~1 liter~~ Radioactivity	500 ml Nitrate	1 Qt.(glass) (TOC)Organics			4
Preserve with:	2 ml HNO_3 (Nitric)	2 ml HNO_3 (Nitric)	1 ml H_2SO_4 (Sulfuric)				All filtered unless otherwise stipulated. All on ice.

Water Level _____ LSD Remark _____
Temperature (00010) 19.8 c
Specific Conductance (00094) ~~1242~~ umhos/cm
pH (00400) 7.13
Eh (00090) +144.2 mv.
Phenol ALK (82244) 0 mg/l
Total ALK (39086) 186 mg/l
Carbonate (00452) _____ meq/l _____ mg/l
Bicarbonate (00453) _____ meq/l _____ mg/l
Total Cations(+) _____
Total Anions (-) _____
Total Hardness (46570) 985
Dissolved Solids(70301) 1545

Time in: 1010
Time out: 10
Weather Clear
Outside Temp: 58°
Sampling point: Faucet on Well House

Starting pH 2.31
9.3 ml. of 0.02N to
50 ml. of Sample
Ending pH 4.48

Time:	1040	1045	1050	1655	1100	
pH:	7.09	7.14	7.14	7.13		
Temp:	17.8	19.8	19.8	19.8		
Eh:				+	144.2	
Cond:	~~1201~~	~~1246~~	~~1250~~	~~1242~~		

other notes:
Sampled thru Diaphram
P-Tank

ml.	pH	ml.	pH	ml.	pH
1	7.23	9.2	4.61		
2	7.13	9.3	4.48		
3	7.04				
4	6.93				
5	6.81				
6	6.65				
7	6.45				
8	6.17				
9	5.20				
9.1	4.94				

Texas Water Development Board

Chemical Water Analysis Report

HM- RM . 1994. 530

HM = Heavy Trace and Alkaline-Earth Metals

TWDB Use Only

Work No. 320/1120

IAC No. _____

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: Phil Wordsfrom

State Well Number: 43-46-208

County: Tom Green

Date & Time: 10-22-93 1100

Owner: Wall ISD

☑ Send Copy To Owner

Address: _____

Sampled After Pumping: _____ Hours

Date Drilled: _____ Depth: _____

Yield: _____ GPM ☐ Measured ☐ Estimated

Collection Point: _____ pH _____

Use: _____ Temperature: _____ °(

By: Ron Mohler

Specific Conductance: _____

Requested Chemical Analysis

Laboratory No.: EB3-3083 Date Received: OCT 22 1993 Date Reported: FEB. 28 1994

		mg/l			mg/l
Calcium	(00915)	262	Sodium	(00930)	147
Magnesium	(00925)	79	Potassium	(00935)	5.5
		µg/l			**µg/l**
[redacted]	[redacted]		Manganese	(01056)	1.3
Arsenic	(01000)	2.7	Mercury	(71890)	<0.13
Barium	(01005)	64.6	[redacted]	[redacted]	
Cadmium	(01025)	<2	Selenium	(01145)	6.3
Chromium	(01030)	<4.0	Silver	(01075)	<10
Copper	(01040)	<2.0	Strontium	(01080)	2930
Iron	(01046)	10.9	[redacted]	[redacted]	
Lead	(01049)	<5	Zinc	(01090)	11.6

Texas Water Development Board

Chemical Water Analysis Report

GWR- Rm - 1994 530
(Anions)

TWDB Use Only

Work No. 320/11220

IAC No. _____

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: Phil Nordstrom
State Well Number: 43-46-208

County: Tom Green
Date & Time: 10-22-93 1100

Owner: Wall ISD Attn: Mr. Dan Gibson
☑ Send Copy To Owner

Address: PO Box 259 Wall Tx 76957
Sampled After Pumping: _____ Hours

Date Drilled: 1978
Depth: ~~1400~~ 165
Yield: _____ GPM ☐ Measured ☐ Estimated

Collection Point: Faucet
pH 7.13
Use: Irr
Temperature: 19.8 °C

By: Ron Mohr
Specific Conductance: 1470

Requested Chemical Analysis

Laboratory No.: EB3-3073
Date Received: OCT 22 93
Date Reported: NOV. 08 1993

THD-Sample No. EB3 3073 Date Received 10/22/93 Date Reported 11/07/93

		MEQ/L	MG/L
Silica	(00955)		23
Sulfate	(00946)	2.63	126
Chloride	(00941)	19.60	695
Fluoride	(00950)	0.02	0.42
P.Akalinity	(00415)	0.00	0
T.Akalinity	(00410)	3.66	183
Boron	(*****)		0.22
Bromide	(71870)		2.15

Texas Water Development Board

Chemical Water Analysis Report

GWN- Rm .1994: 530
(Nitrogen Cycle)

TWDB Use Only

Work No. 320/11220

IAC No. _____

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: Phil Nordstrom

State Well Number: 43-46-208

County: Tom Green

Date & Time: 10-22-93 1100

Owner: Well ESD

☑ Send Copy To Owner

Address: _____

Sampled After Pumping: _____ Hours

Date Drilled: _____ Depth: _____

Yield: _____ GPM ☐ Measured ☐ Estimated

Collection Point: _____ pH _____

Use: _____ Temperature: _____ °C

By: Ron Mahr

Specific Conductance: _____

Requested Chemical Analysis

Laboratory No.: EB3-3063

Date Received: OCT 22 1993

Date Reported: NOV. 1 0 1993

THD-Sample No. EB3 3063 Date Received 10/22/93 Date Reported 11/08/93

00623-	0.6 TKN as N mg/L
00608-	0.01 Ammonia as N mg/L
00613-	< 0.01 Nitrite as N mg/L
00618-	21.45 Nitrate as N mg/L

Water Quality Sampling Run

SWN: 43-46-208
County: Tom Green
Aquifer(s): _____

Sample No. I-DC-1992-221
Date: 6-24-92
By: D. Coker

	Bottle 1	Bottle 2	Bottle 3	Bottle 4	Bottle 5	Bottle 6	Bottle 7	Total
	1 liter Anions	1 liter Cations/HM	1 gallon Radioactivity (A+B)	500 ml Nitrate/ Phosphate	1 Qt.(glass) (TOC) Organics	500 ml Cyanide		Sub-Samples 4
	✓	2ml ✓	2ml ✓	1ml ✓	unfiltered			All filtered unless otherwise stipulated. All on ice.
Preserve with:	--	HNO_3 (Nitric)	HNO_3 (Nitric)	H_2SO_4 (Sulfuric)	--	NaOH (Sodium Hydroxide)		

Water Level — LSD
Temperature (00010) 21.6 °C
Specific Conductance (00094) 2250 µmhos/cm
pH (00400) 6.86 ● ____ °C
Eh (00090) 143.9 mv ● ____ °C
Phenol ALK (82244) 0 mg/l
Total ALK (00431) 196 mg/l
Carbonate (00452) ____ meq/l 0 mg/l
Bicarbonate (00453) ____ meq/l 239.12 mg/l

Total Cations (+) ____
Total Anions (-) ____
Total Hardness (46570) 810
Dissolved Solids (70301) 1310

Notes & Calculations

In 14:40
Pump On 14:45 Yield — GPM
Point of Collection 1st Faucet after Pitank
Owner well ISD
well SE, 165', 5" PVC

Time	14:54	15:00	15:06	15:11	15:16	15:21	15:23			
ph	6.95	6.85	6.86	6.97	6.82	6.86	—			
Temp	21.4	21.4	21.4	22.3	22.0	21.6	—			
SC	2270	2310	2280	2240	2270	2250	—			
TDS	1510	1510	1520	1490	1510	1500	—			
Eh	—	—	—	—	—	—	143.9			

UNCHED

Initial ph e titration 7.07; 9.8 ml/50ml sample.

Out 15:54

Texas Water Development Board

Chemical Water Analysis Report

HM- I-DC-92-221

HM = Heavy Trace and Alkaline-Earth Metals

F; Hered
Fixed 2ml
HNO_3

TWDB Use Only

Work No. _____

IAC No. _____

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: Nordstrom/Peckham

State Well Number: 43-46-208

County: Tom Green

Date & Time: 6-24-92, 15:30

Owner: _____

☐ Send Copy To Owner

Address: _____

Sampled After Pumping: _____ Hours

Date Drilled: _____ Depth: _____

Yield: _____ GPM ☐ Measured ☐ Estimated

Collection Point: _____ pH 6.86

Use: Dom Temperature: 21.6 °C

By: D. Coker

Specific Conductance: 2250

Requested Cl

Laboratory No EB 2- 1573 Date Received: JUN. 26 1992 Date Reported: JUL 31 1992

		mg/l			mg/l
Calcium	(00915)	216	Sodium	(00930)	123
Magnesium	(00925)	165	Potassium	(00935)	5.9

KEY PUNCHED

		µg/l			µg/l
[redacted]			Manganese	(01056)	<20
Arsenic	(01000)	<10	[redacted]		
Barium	(01005)	104	[redacted]		
[redacted]			Selenium	(01145)	<10
[redacted]			[redacted]		
Copper	(01040)	<20	Strontium	(01080)	2350
Iron	(01046)	<20	[redacted]		
[redacted]			Zinc	(01090)	<20

Note: Crossout those elements not to be analyzed.

890091-E
July 1991

Texas Water Development Board

Chemical Water Analysis Report

GWR- I-DC-92-221
(Anions)

Filtered Only

TWDB Use Only
Work No. _____
IAC No. _____

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: Nordstrom/Peckham
State Well Number: 43-46-208
County: Tom Green
Date & Time: 6-24-92, 15:30
Owner: Wall ISD % Frank Grengross
☒ Send Copy To Owner
Address: P.O. Box 259, Wall, Tx 76957
Sampled After Pumping: 0:45 Hours
Date Drilled: _____ Depth: 165
Yield: _____ GPM ☐ Measured ☐ Estimated
Collection Point: 1st Faucet after P. tank pH 6.86
Use: Dom, Irr, (PS)? Temperature: 21.6 °C
By: D. Coker
Specific Conductance: 2250

Requested Chemical Analysis

Laboratory: EB 2- 1586 Date Received: JUN 26 1992 Date Reported: JUL 14 1992

THD-Sample No. EB2 1586 Date Received 06/26/92 Date Reported 07/14/92

		MEQ/L	MG/L
Silica	(00955)		23
Sulfate	(00946)	2.56	123
Chloride	(00941)	15.57	552
Fluoride	(00950)	0.02	0.44
P.Akalinity	(00415)	0.00	0
T.Akalinity	(00410)	3.94	197

KEY PUNCH

* *Convert mg/l Boron to µg/l for data entry.*

890091-C
July 1991

Texas Water Development Board

Chemical Water Analysis Report

RAD - I-DC-92-221

RAD = Radioactivity Sample

Filtered
Fixed 2 ml
H_2SO_4

TWDB Use Only
Work No.
IAC No.

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: Nordstrom/Peckham

State Well Number: 43-46-208

County: Tom Green

Date & Time: 6-24-92, 15:30

Owner:

☐ Send Copy To Owner

Address:

Sampled After Pumping: ____ Hours

Date Drilled: ____ Depth: ____

Yield: ____ GPM ☐ Measured ☐ Estimated

Collection Point: ____ pH 6.86

Use: Dom Temperature: 21.6 °C

By: D. Coker

Specific Conductance: 2250

Requested Chemical Analysis

Laboratory No. EB 2- 1612 Date Received: JUN 26 1992 Date Reported: AUG. 2 1 1992

Alpha	(01503)	2.6 ± 1.5	pCi/l
Beta	(03503)	4.1 ± 1.3	pCi/l
[redacted]	(09503)		pCi/l
[redacted]	(81366)		pCi/l
[redacted]	(11500)		pCi/l
[redacted]	(26403)		pCi/l
[redacted]	(22703)		pCi/l

PUNCHED

* Do not analyze unless it is checked *yes*.

890091-F

Texas Water Development Board

Chemical Water Analysis Report

GWN- I-DG-92-221
(Nitrogen Cycle)

Filtered
Fixed
1 ml H_2SO_4

TWDB Use Only
Work No. _____
IAC No. _____

Send Reply To:
Ground Water Unit
Texas Water Development Board
P.O. Box 13231
Austin, Texas 78711

Attention: Nordstrom / Peckham
State Well Number: 43-46-208
County: Tom Green
Date & Time: 6-24-92, 15:30
Owner: _____
☐ Send Copy To Owner
Address: _____
Sampled After Pumping: _____ Hours
Date Drilled: _____ Depth: _____
Yield: _____ GPM ☐ Measured ☐ Estimated
Collection Point: _____ pH 6.86
Use: Dom Temperature: 21.6 °C
By: D. Coker
Specific Conductance: 2250

Requested C[illegible]

Laboratory N EB 2- 1599
Date Received: JUN. 26 1992
Date Reported: JUL 1 1992 KEY PUNCHED

THD-Sample No. EB2 1599 Date Received 06/26/92 Date Reported 07/[illegible]4/92

00623-	0.2	TKN as N mg/L
00608-	< 0.02	Ammonia as N mg/L
00613-	< 0.01	Nitrite as N mg/L
79,46 00618-	17.95	Nitrate as N mg/L

*Note: To convert NO_3-N to NO_3, multiply by 4.427.

890091-D

Map ID 8: GWS

Map ID: 8		**Source: Texas Water Development Board**
Well Number: 4346215	**GWS - Groundwater Supply**	**Banks ID: 4346215**
Well Address: TX		**Rel. Loc.: 0.25mi E**
Completion Date: 2004-03-03		**Drill Depth: 205.0**
Owner: Wall ISD		**Elevation: 1870.08 ft (+2.07 ft)**

County:	Tom Green
Aquifer Code:	112LEON
Driller:	Michael Hoelscher
Drilling Start Date:	
Drilling Method:	Air Rotary
Well Type:	Withdrawal of Water
Digital Log:	Go to webpage

WQ FY 2010

TWDB Water Quality Field Data Sheet

Newly Inventoried Well: Y

SWN: 4346215
County: Tom Green
County Code: 451
Aquifer Code: 112 LEON
Aquifer Id: 30

Name: Wall ISD
Address: PO Box 259
Wall 76957
Attention: Walter Hollis
Well Name or #:

ID Number: 267
Date: 6/15/2010
Sampler(s): Neffendorf

1	2	3	4	5	6	7	8	9	10	11
40 ml unfiltered	500 ml filtered	500 ml filtered	250 ml filtered	1L filtered	4L filtered					
Atrazine	**Cation**	**Anions/T. Alk.**	**Nitrate**	**Gross Alpha**	**Radium (226/228)**					
ICE	HNO3 by lab	ICE	ICE + H2SO4	HNO3 by lab	HNO3 by lab					

All acidified samples pH <2.0. (*) If natural pH<7, then add NaOH until pH is >7. If natural pH is ≥7, no NaOH required.

Calibration Verification Readings

pH	7 =	7.01
	4 or 10 =	10.02
SLP = 95.5		
Conductivity	500 =	540
	1000 =	1000
	2000 =	1920
	5000 =	4610

Time In: 1055
Time Out: 1135

Water Level:
W.L. remark:
M.P. =

Pumping time: POA
Sampling Point: FAW

Well Use: I
Lift: S
Power: E

FIELD G.P.S. readings
Latitude: 31 ° 22 ' 13.6 "
Longitude: 100 ° 18 ' 09.2 "

Casing Type:
Casing Size: "

Sample Time: 1115

Filter pressure: hand pump / line / spring

Field Alk. Titration (0.0200 N) H2SO4

7.20	Start pH 4.50 End pH
50	mL Sample Size
	mL Acid Phenol (> 8.3)
9.6	mL Acid Total (to pH 4.5)

mL acid added x 20 = Alkalinity

Phenol Alkalinity (82244): mg/L
Total Alkalinity (39086): 192 mg/L
Colorimeter DO (00300): 9.6 mg/L

Field Data entered into GWDB: yes / no
Balanced:

Water Quality Stabilization Parameters Table (At least 3 readings @ 5 min. intervals)

Time	1100	1105	1110						
pH	6.98	6.97	6.97						
Celsius Temp.	20.8	20.8	20.7						
Conductivity	2400	2390	2390						

Notes:

Revised 9/2009

Map ID 19: GWS

Map ID: 19		**Source: Texas Water Development Board**
Well Number: 4346216	**GWS - Groundwater Supply**	**Banks ID: 4346216**
Well Address: TX		**Rel. Loc.: 0.35mi NE**
Completion Date: 2002-07-30		**Drill Depth: 190.0**
Owner: Arnolds Steak & Mexican Restaurant		**Elevation: 1866.80 ft (-1.21 ft)**

County:	Tom Green
Aquifer Code:	112LEON
Driller:	Michael Hoelscher
Drilling Start Date:	
Drilling Method:	Air Rotary
Well Type:	Withdrawal of Water
Digital Log:	Go to webpage

Sites in Map ID 19 Cluster

Dataset	Well Name	Well Address	Page #
GWS	Arnolds Steak & Mexican Restaurant	TX	37
PWS	ARNOLDS STEAK AND MEXICAN RESTAURANT	TX	225

Texas Water Development Board
Well Schedule

groundwater resources

State Well Number: **43-46-216** Previous Well Number: County: **Tom Green** **451**

Latitude (dms): **312229** Longitude (dms): **1001810** Coordinate Accuracy: **Global Positioning System - GPS**

River Basin: **Colorado River** GMA: **7** RWPA: **F** GCD: **Lipan-Kickapoo WCD**

Owner: **Arnolds Steak & Mexican Restaurant**

Driller: **Michael Hoelscher**

Aquifer ID: **Lipan**

Aquifer Code: **112LEON**

LEONA FORMATION

Depth (ft): **190**

Elevation (ft): **1870**

Source of Depth: **Driller's Log**

Source of Elevation: **Digital Elevation Model -DEM**

Date Drilled: **07/30/2002**

Well Type: **Withdrawal of Water**

Type of Lift: **Submersible Pump**

Power: **Electric Motor**

Horsepower:

Construction: **Air Rotary**

Completion: **Perforated or Slotted**

Casing Material: **PVC, Fiberglass, other Plastic**

Screen Material:

CASING INTERVALS:
Casing/Blank Pipe (C)
Well Screen/Slotted Zone (S)
Open Hole (O)

	Dia. (in.)	Top (ft.)	Bottom (ft.)
C	6	0	70
S	6	70	190

WATER USE

Primary: **Public Supply**

Secondary:

Tertiary:

Water Levels: **Miscellaneous Measurements**

1 measurement
2002
-80

Water Quality: **N**

Other Data:

Logs: **D**

REMARKS:

Owners well #1. PWS ID #2260103A. Estimated yield 40 GPM. Cemented from 0 to 70 feet.

Reporting Agency: **TWC/TNRCC/TCEQ**

Date Collected or Reported: **08/22/2011**

Recorded by: DR Jones

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
BEDL FNE	PO 284	Wall,	Texas	76957

2) WELL LOCATION

County	Physical Address	City	State	Zip
Tom Green	2605 70	Wall	TX	76957

Lat. 31-22-29 Long. 100-18-08 Grid # 43-46-2

3) Type of Work
☒ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☒ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply
If Public Supply well, were plans submitted? ☒ Yes ☐ No

5) N↑

6) Drilling Date
Started 7/29/02
Completed 7/30/02

Diameter of Hole		
Dia.(in)	From (ft)	To (ft)
10	Surface	70
8	70	190

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
Surface	4	Top Soil
4	60	Red Clay
60	65	Gravel
65	70	White Lime
70	115	water Conglomerate
115	125	Yellow Lime
125	135	water Blue-green Lime
135	150	Red Clay
150	170	water Blue Lime
170	190	Gray Lime

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☒ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☐ Other
If Gravel Packed give the 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
6"	New	Sch 40 Surface		190	
SLOTTED			70	190	

9) Cementing Data
Cementing from Surface ft. to 70 ft. # of sacks used 20
ft. to ft. # of sacks used
Method Used Trimie Tube Pumped
Cementing By Driller
Distance to septic system field or other concentrated contamination 50 ft
Method of verification of above distance Landowner

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used
	None			

10) Surface Completion
☒ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

RECEIVED
TDLR MAIL ROOM SH
SEP 10 2002

11) Water Level
Static level 80 ft. below Date AMOUNT
Artesian Flow gpm. Date

14) Type Pump
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc., ft.

15) Water Test
Typetest ☒ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 40 gpm with 0 ft. drawdown after 36 hrs.

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☒ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water Depth of Strata
Was a chemical analysis made ☐ Yes ☒ No

12) Packers

Type	Depth
Rubber	70'

Company or individual's Name (type or print)	Michael C Hoelscher	Lic. No.	02409WZ
Address 11385 FM765	City San Angelo	State TX	Zip 76905
Signature Licensed Driller/Pump Installer	Date	Signature Apprentice	Date

TDLR FORM b001WWD *White - TDLR* *Yellow - Owner* *Pink - Driller/Pump Installer*

43.46.216

Attention Owner:
Confidentiality Privilege Notice
on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
BEDL FM	P.O. 284	Wall	Texas	76957

2) WELL LOCATION

County	Physical Address	City	State	Zip
Tom Green	Loop 570	Wall	TX	76957

Lat. 31-22-29 Long. 100-18-08 Grid # 43-46-2

3) Type of Work
☒ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☒ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply
If Public Supply well, were plans submitted? ☒ Yes ☐ No

5) N↑

6) Drilling Date
Started 7/20/02
Completed 7/30/02

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
10	Surface	20
8	20	190

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
Surface	4	Top Soil
4	60	Red Clay
60	65	Gravel
65	70	White Lime
70	115	Water Conglomerant
115	125	Yellow Lime
125	135	Water Bluish green lime
135	150	Red Clay
150	170	water Blue lime
170	190	Gray lime

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☒ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☐ Other
If Gravel Packed give the interval from ft. to ft.

Casing, Blank Pipe, and Well Screen Data

Dia. (in.)	New Or Used	Steel, Plastic, etc. Perf., Slotted, etc Screen Mfr., if commercial	Setting (ft) From	Setting (ft) To	Gage Casing Screen
6 5/8		VC Sch 40	Surface	190	
		SLOTTED	20	190	

9) Cementing Data
Cementing from Surface ft. to 20 ft. # of sacks used 20
ft. to ft. # of sacks used
Method Used Trimie Tube Pumped
Cementing By Driller
Distance to septic system field or other concentrated contamination 50 ft.
Method of verification of above distance Landowner

10) Surface Completion
☐ Specified Surface Slab Installed
☒ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

RECEIVED SEP 10 2002 AM/PM

11) Water Level
Static level 80 ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
Rubber	70'

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used
	None			

14) Type Pump
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc., ft.

15) Water Test
Typetest ☒ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 30 gpm with 0 ft. drawdown after 36 hrs.

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☒ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water Depth of Strata
Was a chemical analysis made ☐ Yes ☒ No

Company or individual's Name (type or print)	Michael C Hoelscher	Lic. No	02409
Address	11385 Fm 765	City San Angelo	State TX Zip 76905

Signature Michael C Hoelscher Licensed Driller/Pump Installer — Date / / — Signature Apprentice — / /

TDLR FORM b001WWD *White - TDLR* *Yellow - Owner* *Pink - Driller/Pump Installer*

43-46-216

Map ID 33: GWS

Map ID: 33		**Source: Texas Water Development Board**
Well Number: 4346213	**GWS - Groundwater Supply**	**Banks ID: 4346213**
Well Address: TX		**Rel. Loc.: 0.43mi E**
Completion Date: 1989-01-04		**Drill Depth: 155.0**
Owner: Marvin Dierschke		**Elevation: 1873.36 ft (+5.35 ft)**

County:	Tom Green
Aquifer Code:	112LEON
Driller:	Micharl Hoelscher
Drilling Start Date:	
Drilling Method:	Air Rotary
Well Type:	Withdrawal of Water
Digital Log:	Go to webpage

Texas Water Development Board
Well Schedule

State Well Number 4346213 **Previous Well Number** M-021 **County** Tom Green 451

River Basin 14 Colorado River **Zone** 2 **Latitude** 312212 **Longitude** 1001758 **Source of Coords** 1

Owner's Well No. _____ **Location** _____

Owner Marvin Dierschke **Driller**

Address _____ **Tenant/Oper.** _____

Date Drilled **Depth** 155 **Source of Depth** R **Altitude** 1871 **Source of Alt.** M

Well Type W **User**

WELL CONSTRUCTION **Const-Method** **Casing Material** **Screen Material** **Completion**

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from_____**to**_____

LIFT DATA - **Pump Mfr. -** _____ **Type -** **No. Stages** _____

Bowls Diam - _____ **in.** **Setting -** _____ **ft.** **Column Diam. -** _____ **in.**

Motor Mfr. - _____ **Fuel or Power -** **Horsepower -**

YIELD Flow- _____ **GPM** **Pump** _____ **GPM** **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary -** **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** C **Quality -** N **Logs -** **Other Data -**

WATER LEVELS 56 measurements
2000 to 2005
MIN -125.09 MAX -73.16

Recorded By _____ **Date Record Collected or Updated -** 09/27/2001

Reporting Agency 05

REMARKS -

Aquifer - 112LEON **ID -** 30

LEONA
FORMATION

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** Marvin Dierschke (Name) **ADDRESS** P.O. Box (Street or RFD) Wall (City) Texas (State) 76957 (Zip)

2) **LOCATION OF WELL:** County Tom Green . 2 miles in East (NE, SW, etc.) direction from Wall (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 From N.W Corner 2450' South then 100' East

☐ ~~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 ☐ De-Watering

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

6) **WELL LOG:**

Date Drilling: Started 1-4 89 Completed _____ 19__

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
10 5/8	Surface	20
9 7/8	20	155

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
Surface - 4		Top Soil
4 - 57		Red Clay
57 - 95		White Lime
95 - 115		Conglomerent
115 - 120		Yellow Clay & Lime
120 - 155		Blue Lined Gray Shale
Wata		95-115 125, 135

(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 Casing Screen
10 5/8		PVC Sch 40	Surface	20	
8"		PVC SDR 80 PSI	Surface	155	
		Perf. 90-155			

9) **CEMENTING DATA** [Rule 287.44(1)]

Cemented from Surface ft. to 25 ft. No. of Sacks Used _____

_____ ft. to _____ ft. No. of Sacks Used _____

Method used _____

Cemented by Landowner

13) **TYPE PUMP:** ☐ Turbine ☐ Jet ☒ ~~Submersible~~ ☐ Cylinder ☐ Other _____

Depth to pump bowls, cylinder, jet, etc., _____ ft.

10) **SURFACE COMPLETION**

☒ ~~Specified Surface~~ Slab Installed [Rule 287.44(2)(A)]

☐ Pitless Adapter Used [Rule 287.44(3)(B)]

☐ Approved Alternative Procedure Used [Rule 287.71]

14) **WELL TESTS:** Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☒ ~~Estimated~~

Yield: 500 gpm with _____ ft. drawdown after _____ hrs.

11) **WATER LEVEL:**

Static level 50 ft. below land surface Date 1-4-89

Artesian flow _____ gpm. Date _____

15) **WATER QUALITY:**

Did the drilling penetrate any strata which contained undesirable constituents?

☐ Yes ☒ ~~No~~ If yes, submit "REPORT OF UNDESIRABLE WATER"

Type of water? _____ Depth of strata _____

Was a chemical analysis made? ☐ Yes ☒ ~~No~~

12) **PACKERS:**

Type	Depth
Inflatable	25

RECEIVED FEB 23 1989 TEXAS WATER COMMISSION

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 Michael C Hoelscher (Type or print) **WELL DRILLER'S LICENSE NO.** D2409W

ADDRESS RT 5 Box 521 (Street or RFD) San Angelo (City) Texas (State) 76904 (Zip)

Signed Michael C Hoelscher (Licensed Well Driller) **(Signed)** _____ (Registered Driller Trainee)

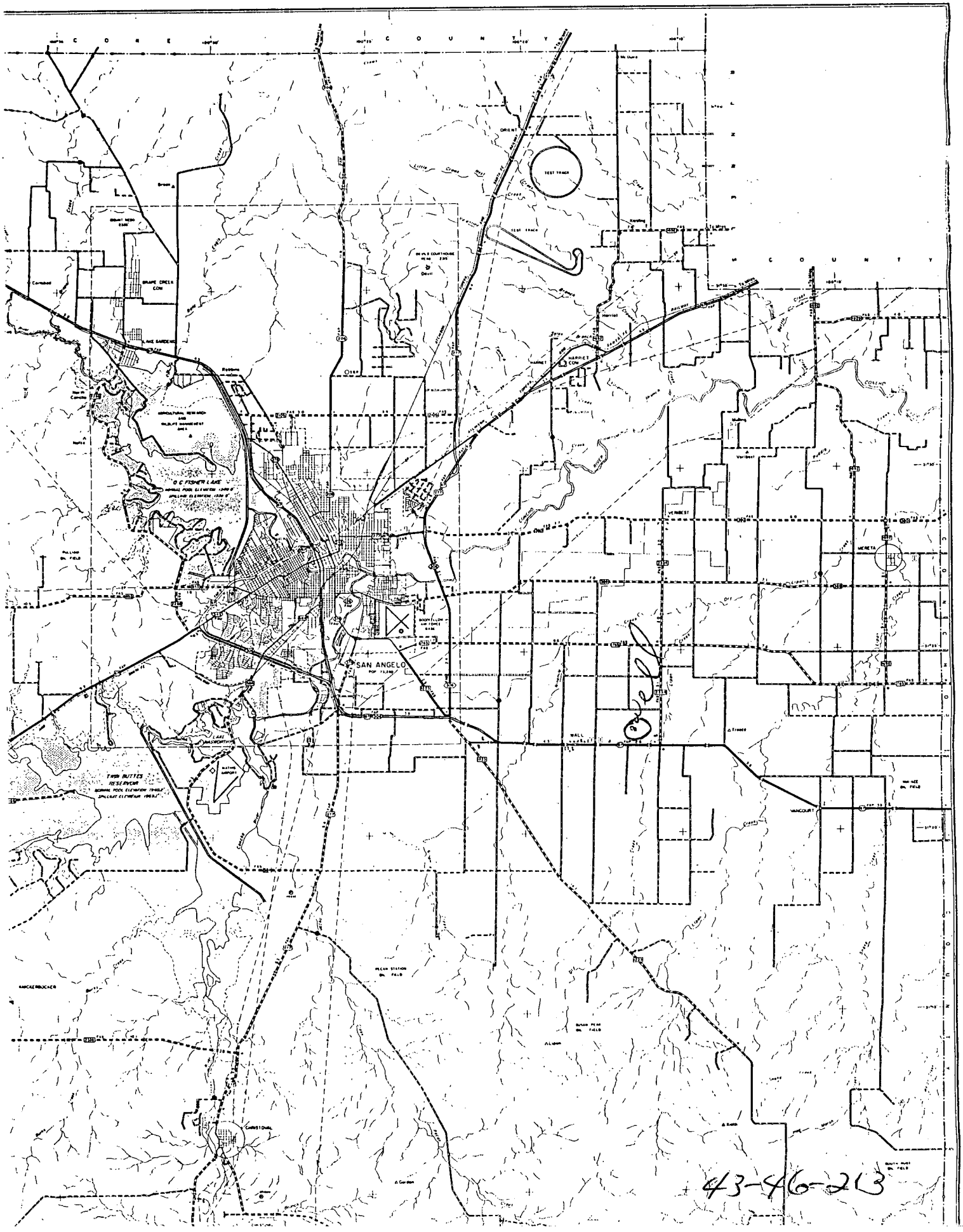
Please attach electric log, chemical analysis, and other pertinent information, if available.

For TWC use only: Well No. 43-38-9 Located on map _____

WWD-012 (Rev. 09/21/88)

TEXAS WATER COMMISSION COPY

43-46-213


SAN ANGELO
TWIN BUTTES RESERVOIR
O C FISHER LAKE
WALL
WINTERS
HARRIET CEM
TEST TRACK
MERETA
WANGOURT

43-46-213

Map ID 34: GWS

Map ID: 34		**Source: Texas Water Development Board**
Well Number: 4346203	**GWS - Groundwater Supply**	**Banks ID: 4346203**
Well Address: TX		**Rel. Loc.: 0.44mi SW**
Completion Date: 1947-01-01		**Drill Depth: 150.0**
Owner: R.S. Crouch		**Elevation: 1866.80 ft (-1.21 ft)**

County:	Tom Green
Aquifer Code:	112LNCZ
Driller:	F.P. Grosshans
Drilling Start Date:	
Drilling Method:	
Well Type:	Withdrawal of Water
Digital Log:	Go to webpage

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Water Resources Branch

Water Level Measurements

Owner R. S. Creech
Tenant do.
Location 10 1/4 mi. S.E. San Angelo
Measuring Point Hole in conc. foundation W. side pump
Height of Meas. Point above land-surface datum 1.0 ft.

Field No.
Office No. A-45-M54
County Tom Green
Type of well Irr.

Date	Depth to water below meas. point	Alt. M.P. above L.S.D.	Depth to water below L.S.D.	Meas. by	Remarks (pumping, M.P. changed, etc.)
11-24-48	82.00			GWM	NP
6-30-49	80.27			GHS	NP
3-31-50	77.90			GWM	NP

9-185—July 1938 Revised

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

WELL SCHEDULE

Date Nov. 21, 1948 Field No. W125
Record by C. W. Willis Office No. A-45-M54
Source of data Meas.

1. *Location:* State Texas County Tom Green
Map 3 mi. S. Wall
1/4 1/4 sec. T N/S R E/W
2. *Owner:* R. S. Creech Address Wall, Texas
Tenant do Address
Driller F. P. Grosshans Address San Angelo
3. *Topography* Flat
4. *Elevation* ft. above/below
5. *Type:* Dug, drilled, driven, bored, jetted 1947
6. *Depth:* Rept. 150 ft. Meas. ft.
7. *Casing:* Diam. 10 in., to in., Type St.
Depth 126 ft., Finish Lower 28' perf.
8. *Chief Aquifer* Gravel From 103 ft. to 117 ft.
Others
9. *Water level* 82.0 ft. rept. meas. 1948 above/below hole in conc. fdn. W. side pump which is 1.0 ft. above/below surface
10. *Pump:* Type Peerless Turb Capacity G. M.
Power: Kind Herman Buhman Horsepower
11. *Yield:* Flow G. M., Pump 450 G. M., Meas. Rept. Est.
Drawdown ft. after hours pumping G. M.
12. *Use:* Dom., Stock, PS., RR., Ind., Irr., Obs.
Adequacy, permanence
13. *Quality* Temp °F.
Taste, odor, color Sample Yes/No
Unfit for
14. *Remarks:* (Log, Analyses, etc.) Strainer 124'
Bowls 114'
Irr. 54 acres cotton + feed

065 well

U. S. GOVERNMENT PRINTING OFFICE 0-1078

43-46-203

Map ID 45: GWS

Map ID: 45		**Source: Texas Water Development Board**
Well Number: 4346212	**GWS - Groundwater Supply**	**Banks ID: 4346212**
Well Address: TX		**Rel. Loc.: 0.50mi SE**
Completion Date:		**Drill Depth: 173.0**
Owner: Monroe Dierschke		**Elevation: 1876.64 ft (+8.63 ft)**

County:	Tom Green
Aquifer Code:	112LEON
Driller:	
Drilling Start Date:	
Drilling Method:	
Well Type:	Withdrawal of Water
Digital Log:	Go to webpage

Texas Water Development Board
Well Schedule

State Well Number 4346212 **Previous Well Number** A-259 **County** Tom Green 451

River Basin 14 Colorado River **Zone** 2 **Latitude** 312152 **Longitude** 1001810 **Source of Coords** 1

Owner's Well No. _____ **Location** _____

Owner
Monroe Dierschke

Driller

Address _____ **Tenant/Oper.** _____

Date Drilled **Depth** 173 **Source of Depth** R **Altitude** 1875 **Source of Alt.** M

Well Type W **User**

WELL CONSTRUCTION

Const-Method

Casing Material

Completion

Screen Material

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S) or Open Hole (O)
Cemented from_____**to**_____

LIFT DATA - **Pump Mfr. -** _____ **Type -** **No. Stages** _____

Bowls Diam - _____ **in.** **Setting -** _____ **ft.** **Column Diam. -** _____ **in.**

Motor Mfr. - _____ **Fuel or Power -** **Horsepower -**

YIELD Flow- _____ **GPM** **Pump** _____ **GPM** **Meas.,Rept.,Est.-** _____ **Date-** _____

WATER USE **Primary -** **Secondary -** **Tertiary -**

OTHER DATA AVAILABLE **Water Levels -** C **Quality -** N **Logs -** **Other Data -**

WATER LEVELS 56 measurements
1999 to 2005
MIN -117.24 MAX -75.51

Recorded By _____ **Date Record Collected or Updated -** 09/27/2001

Reporting Agency 05

REMARKS -

Aquifer - 112LEON **ID -** 30

LEONA
FORMATION

Map ID 53: GWS

Map ID: 53		**Source: Texas Water Development Board**
Well Number: 4346204	**GWS - Groundwater Supply**	**Banks ID: 4346204**
Well Address: TX		**Rel. Loc.: 0.55mi NW**
Completion Date: 1946-12-01		**Drill Depth: 117.0**
Owner: A. J. Bean		**Elevation: 1860.24 ft (-7.78 ft)**

County:	Tom Green
Aquifer Code:	112LEON
Driller:	Garmon Brothers
Drilling Start Date:	
Drilling Method:	
Well Type:	Withdrawal of Water
Digital Log:	Go to webpage

TEXAS WATER DEVELOPMENT

WELL SCHEDULE

43-46-204[43-38-801]

Aquifer ~~Limestone~~ LEONA Field No. M-45 W-58 State Well No. ~~43-38-801~~

Owner's Well No. County Tom Green

1. Location: ___ 1/4, ___ 1/4 Sec. ___, Block ___ Survey ___

2. Owner: C. L. Bean Address: WALL, TEX.

Tenant: do Address:

Driller: Garmon Bros. 29 Address: EOLA, TEX.

3. Elevation of ___ is 1861.89 ft. above msl, determined by ___

4. Drilled: 12- 19 46 ; Dug, Cable Tool, Rotary,

5. Depth: Rept. 117 ft. Meas. ___ ft.

6. Completion: Open Hole, Straight Wall, Underreamed, Gravel Packed ___

7. Pump: Mfgr. Pomona Tur. Type ___

No. Stages ___, Bowls Diam. ___ in., Setting ___ ft.

Column Diam. ___ in., Length Tailpipe ___ ft.

8. Motor: Fuel Gasoline Make & Model ___ HP. ___

9. Yield: Flow ___ gpm, Pump 350 gpm, Meas., (Rept.) Est. MAR 48

10. Performance Test: Date 8/29/50 Length of Test ___ Made by ___

Static Level ___ ft. Pumping Level 100 ft. Drawdown ___ ft.

Production 281 gpm Specific Capacity ___ gpm/ft.

CASING & BLANK PIPE

Cemented From ___ ft. to ___ ft.

Diam. (in.)	Type	Setting, ft. from	to
10		0	117

11. Water Level: 69.5" ft. (meas) rept. 11-19 19 48 above (below) Bottom of disch. opening in pump is 0.6 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.

___ 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. 68 °F, Date sampled for analysis 8-28-50 Laboratory USGS

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: ___ Date ___ 19 ___

Source of Data ___

16. Remarks: Copied GWW 11-19-48

AUG 19 1981

CRATOWN

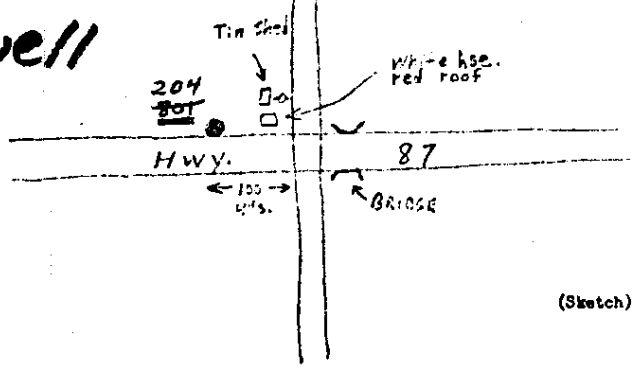
WELL SCREEN

Screen Openings

Diam. (in.)	Type	Setting, ft. from	to
	open		

Top conc. base +0.50

Obs well



(Sketch)

N

46-~~204~~

43-~~38-801~~

TEXAS WATER DEVELOPMENT BO

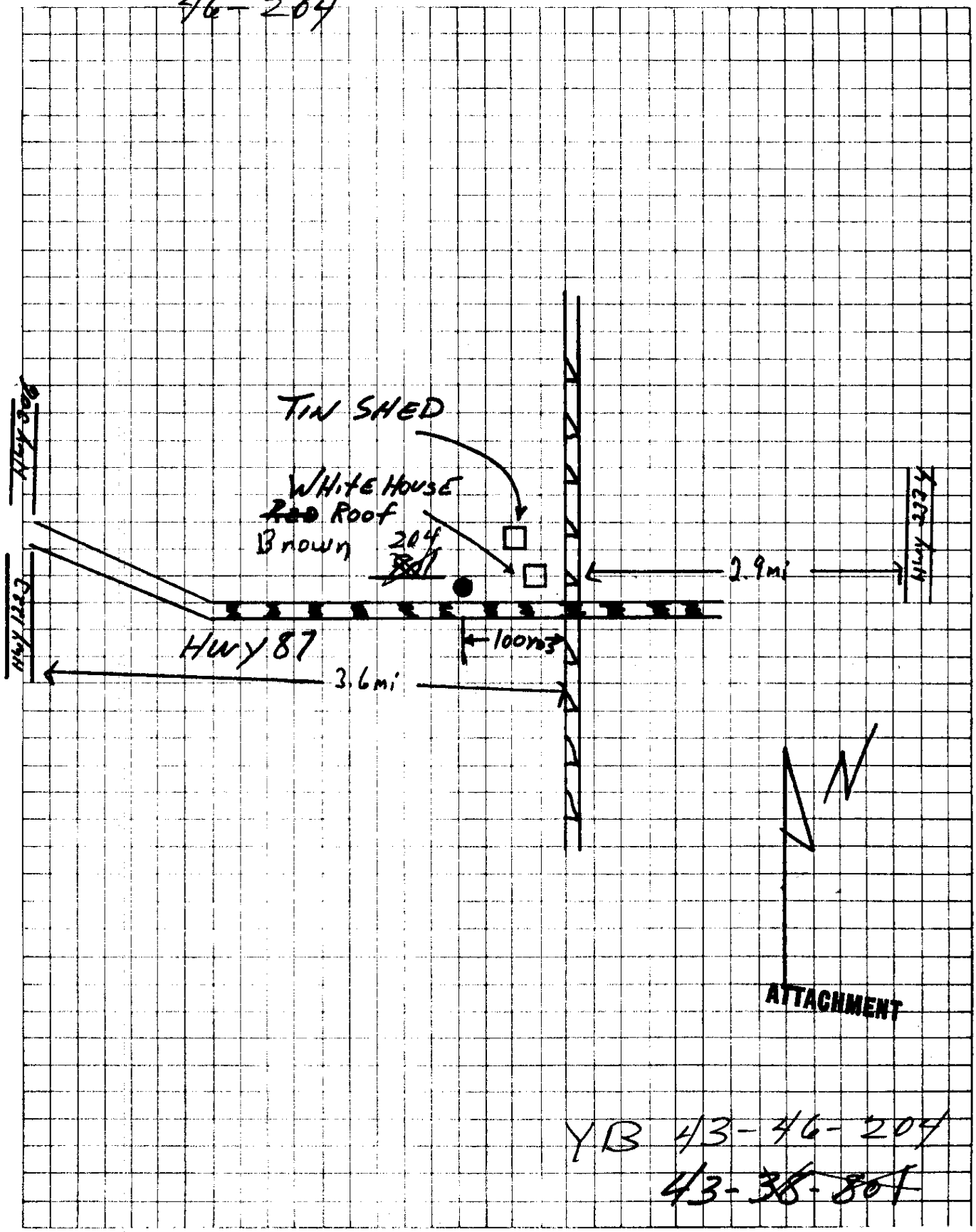
BY_____ DATE_____ DIVISION_____ SHEET NO._____ OF_____

CHKD_____ DATE_____ JOB NAME A. J. BEAN

43-38-804

JOB NO TOM GREEN CO. PROG. CODE_____

46-204



ATTACHMENT

YB 43-46-204

43-38-804

1814

FORM NO. 9—1904—A
Revised September 1980

Recorded by Lee

U.S. DEPT. OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
SITE SCHEDULE

SITE NO. 13-43-46-204
old M-45

Date

Check One ____ English ____ Metric Units

GENERAL SITE DATA (0)

Site Ident No (5–19) | RG Number R=0 | Transaction T= A D M V (add, delete, modify, verified)

Site Type 2= C D E H I M Ø P S T W X (collector, drain, excavation, hole, sink, well, connector, multiple, outcrop, pond, spring, natural or shaft, well, test hole) | Data Reliability 3= C U (field checked, unchecked) | Reporting Agency 4=

Project No. 5= | District 6= | State 7= | County (or town) 8= Tom Green

Latitude 9= 31 22 28 (deg min sec) | Longitude 10= 100 18 52 (deg min sec) | Lat-Long Accuracy 11= S F T M (sec, 5 sec, 10 sec, Min)

Local Number 12= | Land Net Loc. 13= 1/4 1/4 1/4 S section, T township, R range, meridian

Location Map 14= | Scale 15=

Altitude 16= 1862. | Method of Measurement 17= A L (M) (altimeter, level, map) | Accuracy 18= 5

Topo Setting 19= A B C D E (F) G H K L M Ø P S T U V W (alluvial fan, playa, stream channel, depression, dunes, flat, flood plain, hill top, sink, swamp, mangrove swamp, off shore bar, pediment, hill side, terrace, undulating, valley flat, upland draw) | Hydrologic Unit (OWDC) 20=

Use of Site 23= A C D E G H M Ø P R S T U (W) X Z (anode, standby, drain owner supply, geothermal, seismic, heat reserv, mine, observation, oil or gas, recharge, repress, test, unused, withdrawal, waste, destroyed) | Secondary Site Use 301= | Tertiary Site Use 302=

Use of Water 24= A B C D E F H (I) J K M N P D R S T U Y Z (air cond., bottling, commercial, domestic water, power, fire, domestic, irrigation, industrial (cooling), mine, residential, industrial, public supply, aquaculture, recreation, stock, institution, unused, desal, other)

Secondary Water Use 25= | Tertiary Use of Water 26= | Depth of Hole 27= 117. | Depth of Well 28= 117. | Source of Depth Data ① 29= TWDB

Water Level 30= 47.84 | Data Measured 31= 7/30/82 (month day year) | Source ① 33=

Method of Measurement 34= A B C E G H L M N R S T V Z (airline, analog, calibrated airline, estimated, pressure gage, calibrated pressure gage, geophysical logs, manometer, non-rec. gage, reported, steel tape, electric tape, calibrated electric tape, other)

Site Status 37= D E F G H I J N Ø P R S T V W X Z (dry, recently flowing, flowing, nearby flowing, nearby recently flowing, injector, inj-site monitor, meas., obstruction, pumping, recently pumped, nearby pumping, nearby recently pumped, foreign substance, well destroyed, surface water effects, other)

Source of Geohydrologic Data ① 36= | Pump Used 36= (no) | Date of First Construction/Completion 21= 12 / 46 (month day year)

OWNER IDENTIFICATION (1)

R=150 | T= A D M (add, delete, modify) | Date of Ownership 159 # (month day year)

Name: Last 161# BEAN | First 162= A | Middle Initial 163= ✓

OTHER SITE IDENTIFICATION NUMBERS (1)

R=189 | T= A D M (add, delete, modify) | Ident 190 # | Assigner 191=

New Card Same R & T | Ident 190 # | Assigner 191=

SITE VISIT DATA (1)

R=186 | T= A D M (add, delete, modify) | Date of Visit 187# (month day year) | Name of Person 188=

FIELD WATER QUALITY MEASUREMENTS (1)

R=192 | T= A D M (add, delete, modify) | Date 193 # (month day year) | Geohydrologic Unit 195 #

New Card Same R thru 195

Temperature 196# 0 0 0 1 0 | Degrees C 197=

Conductance 196# 0 0 0 9 5 | µMhos 197= 2270. 5/C/83

Other (STORET) Parameter 196# | Value 197=

Other (STORET) Parameter 196# | Value 197=

FOOT NOTES:

① Source of Data Codes:

A D G L M O R S Z (other, driller, geologist, log, memory, owner, other gov't, reported, reporting agency, other)

Typewrite (Black ribbon) or Print Plainly
(soft pencil or black ink)
Do not use ball point pen

Texas Department of Health Laboratories
1100 West 49th Street
Austin, Texas 78756

TDWR ONLY
Organization No. 410 Lab No. 01
Work No. 6040

CHEMICAL WATER ANALYSIS REPORT

Send report to:

Data Collection and Evaluation Section
Texas Department of Water Resources
P.O. Box 13087
Austin, Texas 78711

County 226 Tom Green
State Well No. 43-46-204
Well No.
Date Collected 05-14-85

Owner A. J. BEAN Send copy to owner Sample No. By F. Bilberry
Address Rt 3 Box 84, SAN ANGELO, TX Well Location
Date Drilled Depth ft. WBF Source (type of well) Turbine
Producing intervals Water level ft. Sample depth ft.
Sampled after pumping POA hrs. Yield GPM meas. est. Temperature 069 °F °C
Point of collection Ditch. Pipe Appearance ☑ clear ☐ turbid ☐ colored ☐ other
Use Irr Remarks WELOW

(FOR LABORATORY USE ONLY)

Laboratory No. [redacted]

CHEMICAL ANALYSIS

KEY PUNCHED

Date Received MAY 20 '85 Date Reported JUN 12 '85

WATER ANALYSIS

State Well No:43-46-204 Date:061085 Sample No:EW5-2118

	MG/L	ME/L		MG/L	ME/L
Silica:00955:	22		Carbonate:00445:	0	0
Calcium:00910:	178	8.92	Bicarbonate:00440:	224	3.68
Magnesium:00920:	69	5.64	Sulfate:00945:	112	2.33
Sodium:00929:	164	7.13	Chloride:00940:	518	14.6
Potassium:00937:	3	.08	Fluoride:00951:	.6	.03
T.Cations		21.77	Nitrate:71850:	59.89	.97
Manganese:01055:		%Na	T. Anions		21.61
			pH:00403:	7.7	
Boron:01022:		SAR			
			180 deg TDS:70300:	1306	
Total Iron:01045:		RSC	P. Alk.:00415:	0	
Other			T. Alk.:00410:	184	
(Specific Cond.:00095:		1740	T. Hardness:00900:	728	

Diluted Conductance (micromhos/cm3)
16 x161 =2576

Ammonia-N:00610:
Items will be analyzed if checked. Nitrite-N:00615:
Nitrate-N:00620:
OrganicNitrogen:00605:

TDWR-0811 (Rev. 10-26-83)

Typewrite (Black ribbon) or Print Plainly
(soft pencil or black ink)
Do not use ball point pen

Texas Department of Health Laboratories
1100 West 49th Street
Austin, Texas 78756

TDWR ONLY
Program No. _____ Lab No. _____
Work No. 6040-410

CHEMICAL WATER ANALYSIS REPORT

Send report to:

Data Collection and Evaluation Section
Texas Department of Water Resources
P.O. Box 13087
Austin, Texas 78711

County 226 Tom Green
State Well No. 45-46-204
Well No. _____
Date Collected 06-26-79

Location ON Hwy 87 W of WALL Sample No. _____ By J. Derton
Source (type of well) Turb., Elec Owner A. J. Bean Rt 3 Box 194, San Angelo, Tx
Date Drilled 1946 Depth 117 ft. WBF LEONA
Producing intervals _____ Water level _____ ft. Sample depth _____ ft.
Sampled after pumping P.O.A hrs. Yield _____ GPM meas. est. Temperature 70 °F _____ °C
Point of collection At well Appearance ☒ clear ☐ turbid ☐ colored ☐ other
Use IRR Remarks _____

(FOR LABORATORY USE ONLY)

CHEMICAL ANALYSIS

Laboratory No C9 11697
Date Received JUN 29 1979
Date Reported AUG 7 '79

	MG/L	ME/L
Silica	24	
Calcium	198	9.92
Magnesium	70	5.76
Sodium	160	6.96
Total		22.64
☐ Potassium		
[3] ☐ Manganese		%Na _____
☐ Boron		SAR _____
[3] ☐ Total Iron		RSC _____
☐ (other) _____	MG/L	
Specific Conductance (micromhos/cm³)	1870	
Diluted Conductance (micromhos/cm³)	16 x 169 = 2704	

" ☐ " items will be analyzed if checked.

	MG/L	ME/L
Carbonate	0	0.
Bicarbonate (1.01)	206	3.38
Sulfate	123	2.57
Chloride	584	16.47
Fluoride	0.5	
Nitrate	55.	0.89
pH	8.3	Total 23.31
[1] Dissolved Solids (residue at 180°C)	1514	
Phenolphthalein Alkalinity as C aCO_3	0	
Total Alkalinity as C aCO_3 (3.38)	169	
Total Hardness as C aCO_3 (15.68)	784	
[2] Nitrogen Cycle		
Ammonia - N		
Nitrite - N		
Nitrate - N		
Organic Nitrogen		

[1] The bicarbonate reported in this analysis can be converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure used in the computation of dissolved solids.
[2] Nitrogen cycle requires separate sample.
[3] Total Iron and Manganese require separate sample.

Analyst _____ Checked By _____

TDWR-0148 (Rev.7-78)

Typewrite (Black ribbon) or Print Plainly
(soft pencil or black ink)
Do not use ball point pen

Texas Department of Health Laboratories
1100 West 49th Street
Austin, Texas 78756

TDWR ONLY
Program No. _____ Lab No. _____
Work No. 6046-410

CHEMICAL WATER ANALYSIS REPORT

RECEIVED
JAN 24 '80
CR/TDWR

Send report to:
Data Collection and Evaluation Section
Texas Department of Water Resources
P.O. Box 13087
Austin, Texas 78711

County 226 Tom Green
State Well No. 45-26-204
Well No. _____
Date Collected 06-26-79

Location ON Hwy 87 W of WALL Sample No. _____ By J. Derton
Source (type of well) Turb., Elec Owner A. J. Bean Rt 3 Box 194, San Angelo, Tx
Date Drilled 1946 Depth 117 ft. WBF Leona
Producing intervals _____ Water level _____ ft. Sample depth _____ ft.
Sampled after pumping P.O.A hrs. Yield _____ GPM meas. est. Temperature 70 °F _____ °C
Point of collection At well Appearance ☒ clear ☐ turbid ☐ colored ☐ other
Use IRR Remarks _____

(FOR LABORATORY USE ONLY)

CHEMICAL ANALYSIS

Laboratory No C9 11697 Date Received JUN 29 1979 Date Reported AUG 7 '79

	MG/L	ME/L
Silica	24	
Calcium	198	9.92
Magnesium	70	5.76
Sodium	160	6.96
Total		22.64
☐ Potassium		
[3] ☐ Manganese		
☐ Boron		
[5] ☐ Total Iron		
☐ (other) _____	MG/L	

%Na _____
SAR _____
RSC _____

Specific Conductance (micromhos/cm³) 1820
Diluted Conductance (micromhos/cm³) 16 x 169 = 2704

" ☐ " items will be analyzed if checked.

	MG/L	ME/L
Carbonate	0	0.
Bicarbonate 101	206	3.38
Sulfate	123	2.57
Chloride	594	16.71
Fluoride	0.5	
Nitrate	55.	0.89
pH	8.3	Total 23.31
[1] Dissolved Solids (residue at 180°C)		1514
Phenolphthalein Alkalinity as C aCO₃		0
Total Alkalinity as C aCO₃ (3.38)		169
Total Hardness as C aCO₃ (15.68)		784
[2] Nitrogen Cycle		
Ammonia - N		
Nitrite - N		
Nitrate - N		
Organic Nitrogen		

AUG 29 1981 CR/TDWR

Analyst _____ Checked By _____

[1] The bicarbonate reported in this analysis can be converted by computation (multiplying by 0.4917) to an equivalent amount of carbonate, and the carbonate figure used in the computation of dissolved solids.
[2] Nitrogen cycle requires separate sample.
[3] Total Iron and Manganese require separate sample.

TDWR-0148 (Rev.7-78)

Map ID 65: GWS

Map ID: 65		**Source: Texas Water Development Board**
Well Number: 4338824	**GWS - Groundwater Supply**	**Banks ID: 4338824**
Well Address: TX		**Rel. Loc.: 0.60mi N**
Completion Date: 1948-01-01		**Drill Depth: 103.0**
Owner: E S Kubela		**Elevation: 1860.24 ft (-7.78 ft)**

County:	Tom Green
Aquifer Code:	112LEON
Driller:	
Drilling Start Date:	
Drilling Method:	
Well Type:	Withdrawal of Water
Digital Log:	Go to webpage

Texas Water Development Board
Well Schedule

State Well No. 43 38 824 Previous Well No. M-44 County TOM GREEN 451

River Basin COLORADO 14 Zone 2 Lat. 31 22 45 Long. 100 18 19 Accuracy of Coord. 3

Owner's Well No. _____ Location ____ 1/4, ____ 1/4, Section ____, Block ____, Survey ____

Owner E S KUBELA

Driller

Address _____ Tenant/Oper. _____

Date Drilled ____ ____ 1948 Depth 103 Source of Depth Datum A Altitude 1863 Source of Alt. Datum M

Aquifer LEONA FM 112LEON Well Type W User

Aquifer ID 22 ____ ____

Well Construction: Const. Method _____ Casing Material _____

Completion _____ Screen Material _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S)
Open Hole (O)
Cemented from ___ to ___

	Diam. (in.)	Setting (feet) From	To
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Lift Data: Pump Mfr. _____ Type TURBINE T Setting _____

Motor Mfr. _____ Power ELECTRIC E Horsepower 10.

Yield: Flow _____ GPM Pump 463 GPM (Est.) Repr. Est. _____ Date _____

Performance Test: Date _____ Length of Test _____ Production _____ GPM

Static Level ____ ft. Pumping Level ____ ft. Drawdown ____ ft. Sp.Cap. ____ GPM/ft.

Water Use: Primary IRR I Secondary _____ Tertiary _____

Quality (Remarks) _____

Other Data Available: Water Level M Water Quality N Logs _____ Other Data _____

Water Levels:

	Date	Meas.	
Date	11 19 1948	71.3	TAPE-USGS
Date	08 04 1950	72.5	" "
Date		Meas.	

Recorded By _____ Date Record Collected or Updated ____ ____ 1950 (20 max) Reporting Agency 02

Remarks: WELL M-44 IN B5411

Aquifer 112LEON

Well No. 43-38-824

97-0402-7-77

Map ID 70: GWS

Map ID: 70		**Source: Texas Water Development Board**
Well Number: 4346205	**GWS - Groundwater Supply**	**Banks ID: 4346205**
Well Address: TX		**Rel. Loc.: 0.61mi NE**
Completion Date: 1965-01-01		**Drill Depth: 137.0**
Owner: Catholic Church		**Elevation: 1866.80 ft (-1.21 ft)**

County:	Tom Green
Aquifer Code:	112LEON
Driller:	
Drilling Start Date:	
Drilling Method:	
Well Type:	Withdrawal of Water
Digital Log:	Go to webpage

FORM NO. 9—1904—A
Revised September 1980

Recorded by Lee

U.S. DEPT. OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
SITE SCHEDULE

SITE NO. YB-43-46-205
43-38-8a
Well Church
Date 8/4/83

Check One ✓ English ___ Metric Units

GENERAL SITE DATA (0)

Site Ident No [ ] (5–15)
RG Number [R=0 *]
Transaction [T= A D M V *] add, delete, modify, verified
Site-Type [2= C D E H I M Ø P S T W X *] collector, drain, excavation, sink, hole, connector well, multiple, outcrop, pond, spring, tunnel or shaft, well, test hole
Data Reliability [3= C U *] field checked, unchecked
Reporting Agency [4= *]
Project No. [5= *]
District [6= *]
State [7= *]
County (or town) [8= Tom Green *]
Latitude [9= 31 22 30 *] deg min sec
Longitude [10= 100 17 51 *] deg min sec
Lat-Long Accuracy [11= S F T M *] sec, 5 sec, 10 sec, Min
Local Number [12= *]
Land Net Loc. [13= 1/4 1/4 1/4 S T R *] section, township, range, meridian
Location Map [14= *]
Scale [15= *]
Altitude [16= 1869. *]
Method of Measurement [17= A L M *] altimeter, level, map
Accuracy [18= 5 *]
Topo Setting [19= A B C D E F G H K L M Ø P S T U V W *] alluvial fan, alluvial plain, arroyo, channel, closed depression, dune, flood plain, hill, lake, sink, slough, mangrove swamp, offshore, pediment, playa, ridge, talus, terrace, undulating, valley flat, upland draw
Hydrologic Unit (OWDC) [20= *]
Use of Site [23= A C D E G H M Ø P R S T U W X Z *] aquifer, standby, drain, geothermal, injection well, industrial, mine, observation, recharge, reserv., test hole, unused, water supply, withdrawal, waste, destroyed
Secondary Site Use [301= *]
Tertiary Site Use [302= *]
Use of Water [24= A B C D E F H I J K M N P Q R S T U Y Z *] air conditioning, bottling, commercial, domestic, power, fire, irrigation, industrial (cooling), mining, medicinal, industrial, public supply, aquaculture, recreation, stock, institutional, unused, desalinization, other
Secondary Water Use [25= *]
Tertiary Use of Water [26= *]
Depth of Hole [27= 137. *]
Depth of Well [28= 137. *]
Source of Depth Data ① [29= *] 10.9
Water Level [30= 55.32 *]
Date Measured [31= 7/20/82 *] month day year
Source ① [33= *]
Method of Measurement [34= A B C E G H L M N R S T V Z *] airline, analog, calibrated airline, calibrated estimated, calibrated pressure gage, geophysical logs, manometer, non-rec. pmpg., reported, steel tape, sonic, calibrated electric tape, other
Site Status [37= D E F G H I J N Ø P R S T V W X Z *] dry, recently flowing, flowing, nearby flowing, nearby recently flowing, injector, inj-site monitor, mine, obstruction, pumping, recently pumped, nearby pumping, nearby recently pumped, foreign substance, well destroyed, surface water effects, other
Source of Geohydrologic Data ① [36= *]
Pump Used [35= *] no
Date of First Construction/ Completion [21= / / 65 *] month day year

OWNER IDENTIFICATION (1)

[R=150 *] [T= A D M *] add, delete, modify
Date of Ownership [159 # / / *] month day year
Name: Last [161 # CATHOLIC *]
First [162= CHURCH *]
Middle Initial [163= *]

OTHER SITE IDENTIFICATION NUMBERS (1)

[R=189 *] [T= A D M *] add, delete, modify
Ident [190 # *]
Assigner [191= *]
New Card Same R & T
Ident [190 # *]
Assigner [191= *]

SITE VISIT DATA (1)

[R=186 *] [T= A D M *] add, delete, modify
Date of Visit [187 # / / *] month day year
Name of Person [188= *]

FIELD WATER QUALITY MEASUREMENTS (1)

[R=192 *] [T= A D M *] add, delete, modify
Date [193 # / / *] month day year
Geohydrologic Unit [196 # *]
New Card Same R thru 196
Temperature [194 # 0 0 0 1 0 *]
Degree C [197= *]
Conductance [194 # 0 0 0 0 5 *]
µ Mhos [197= *]
Other (STORET) Parameter [196 # *]
Value [197= *]
Other (STORET) Parameter [196 # *]
Value [197= *]

FOOT NOTES:

① Source of Data Codes:
A D G L M O R S Z
other, driller, geologist, logs, memory, owner, other reported, reporting agency, other

Map ID 75: GWS

Map ID: 75		**Source: Texas Water Development Board**
Well Number: 4346207	**GWS - Groundwater Supply**	**Banks ID: 4346207**
Well Address: TX		**Rel. Loc.: 0.63mi E**
Completion Date: 1991-01-01		**Drill Depth: 194.0**
Owner: Kenneth Crouch		**Elevation: 1873.36 ft (+5.35 ft)**

County:	Tom Green
Aquifer Code:	112LEON
Driller:	
Drilling Start Date:	
Drilling Method:	
Well Type:	Withdrawal of Water
Digital Log:	Go to webpage

91-50

Texas Water Development Board
Well Schedule

State Well No. 43 46 207 **Previous Well No.** C-242 **County** Tom Green 451

River Basin Colorado 14 **Zone** 2 **Region** 03 **Lat.** 31 22 13 **Long.** 100 17 45 **Source of Coord.** 1

Owner's Well No. _____ **Location** ____ 1/4, ____ 1/4, **Section** ____, **Block** ____, **Survey** ____

Owner Kenneth Crouch **Driller**

Address _____ Tenant/Oper. _____

Date Drilled ____ ____ 1991 **Depth** 199 **Source of Depth Datum** L **Altitude** 1878 **Source of Alt. Datum** M

Aquifer LEONA 112LEOW **Well Type** W **User** _____

Well Construction Const. Method _____ **Casing Material** PVC P

Completion _____ **Screen Material** _____

Lift Data Pump Mfr. _____ Type _____ No. Stages _____

Bowls Diam. _____ in. Setting _____ ft. Column Diam. _____ in.

Motor Mfr. _____ Fuel or Power Electricity E Horsepower ____.__

Yield Flow ____ GPM Pump ____ GPM Meas.,Rept.,Est. _____ Date ____

Performance Test Date ____ Length of Test ____ Production ____ GPM

Static Level ____ ft. Pumping Level ____ ft. Drawdown ____ ft. Sp.Cap. ____ GPM/ft.

Quality (Remarks _____

Water Use Primary _____ I Secondary _____ Tertiary _____

Other Data Available Water Level M Water Quality N Logs J W Other Data _____

Water Levels Date	06 25 1991	Meas. 64.00	logging Tool
Date		Meas.	
Date		Meas.	

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S)
Open Hole (O)
Cemented from ___ to ___

	Diam. (in.)	Setting (feet) From	To
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Recorded By Doug Crim/Peckham **Date Record Collected or Updated** 06 25 1991 (20 max) **Reporting Agency** 01

Remarks

KEY PUNCHED

Aquifer _____

Well No. 43-46-207

900052
11/21/89

STATE OF TEXAS
TEXAS WATER DEVELOPMENT BOARD

GAMMA RAY/NEUTRON

WELL 43-46-20, File Number 91-30

PROJECT 31020 Owner KENNETH CROUCH

COUNTY TOM GREEN

LOCATION	Other Services:

Permanent Datum GL _____ Elev. _____	Elev. KB _____
Log Measured From GL Ft. above Perm Datum	DF _____
Drilling Measured From GROUND LEVEL	GL _____

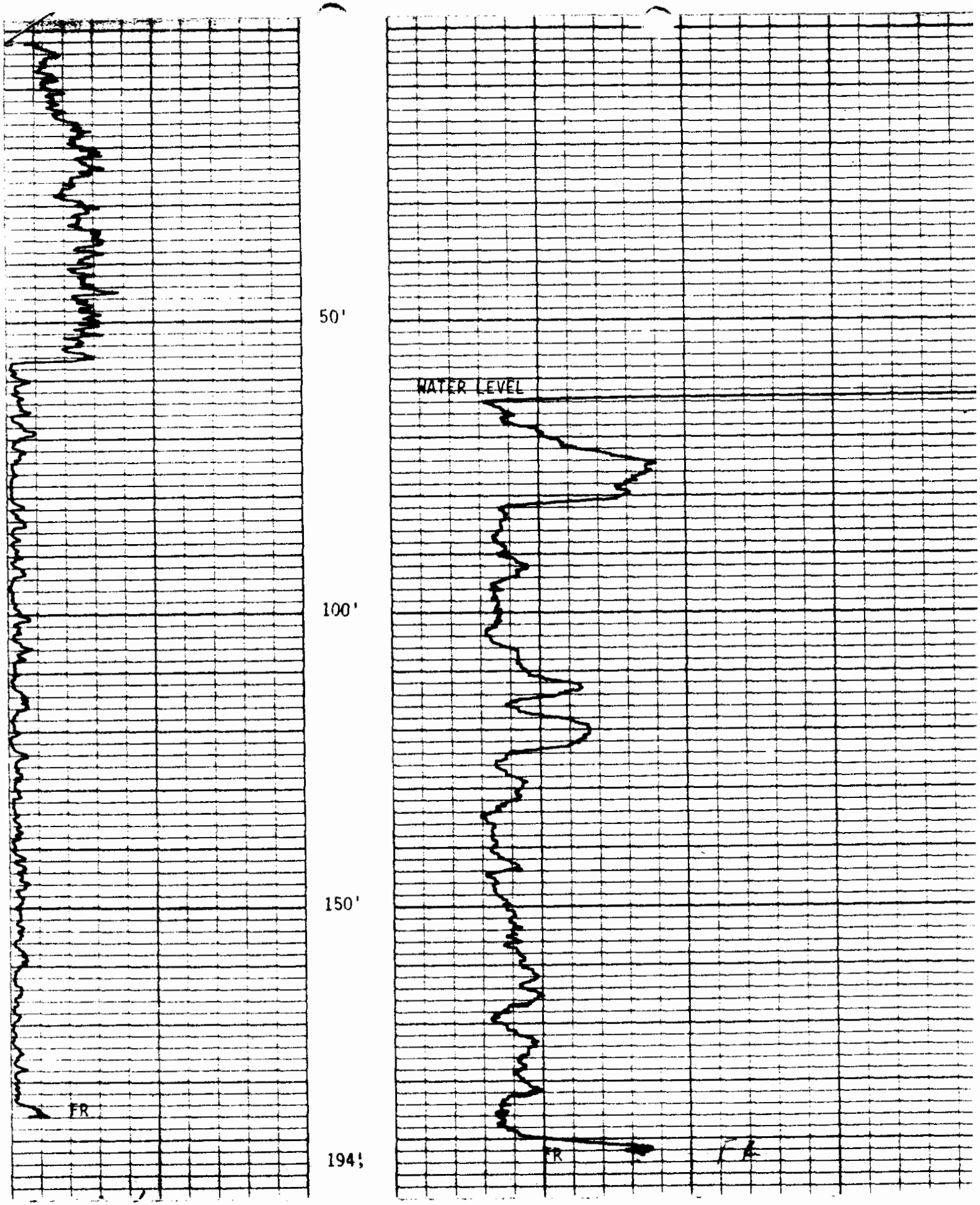
Date	06-25-91		
Run No.	ONE		
Depth Driller			
Depth Logger	194'		
Btm. Log Interval	194'		
Top Log Interval	0'		
Casing-Driller	@	@	@
Casing-Logger			
Bit Size	@	@	@
Type Fluid in Hole	FRESH WATER		
Dens. Visc.			
pH Fld. Loss			
Source of Sample			
Rm @ Meas. Temp	@	@	
Rmf @ Meas. Temp	@	@	
Rmc @ Meas. Temp	@	@	
Rm @ BHT			
Recorded By	D. CRIM		
Witnessed By	D. PECKHAM		

NOTE: These logs cannot be used to fulfill contractural obligations

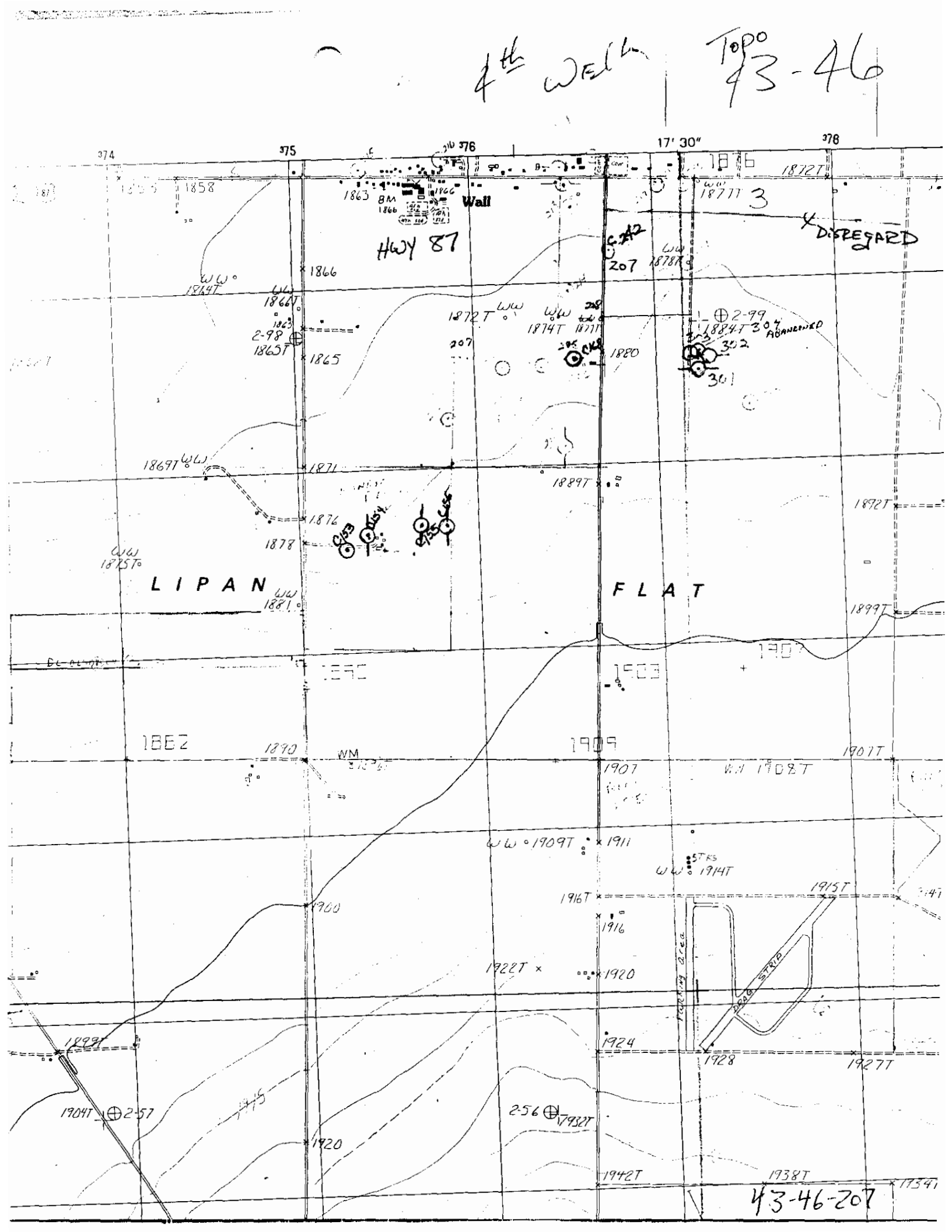
REMARKS _____

GAMMA RAY 100 CPS / TC 1	5"=100'	NEUTRON 1000CPS TC 1

43-46-207



43-46-207


4th well
Topo
43-46
17' 30"
374
375
376
378
HWY 87
Wall
DISREGARD
ABANDONED
LIPAN
FLAT
DRAG STRIP
Parking area
43-46-207

Map ID 111: GWS

Map ID: 111		**Source: Texas Water Development Board**
Well Number: 4338823	**GWS - Groundwater Supply**	**Banks ID: 4338823**
Well Address: TX		**Rel. Loc.: 0.73mi N**
Completion Date: 1948-01-01		**Drill Depth: 105.0**
Owner: E S Kubela		**Elevation: 1856.96 ft (-11.06 ft)**

County:	Tom Green
Aquifer Code:	112LEON
Driller:	
Drilling Start Date:	
Drilling Method:	
Well Type:	Withdrawal of Water
Digital Log:	Go to webpage

Texas Water Development Board
Well Schedule

State Well No. 43 38 823 Previous Well No. M-43 County TOM GREEN 451

River Basin COLORADO 14 Zone 2 Lat. 31 22 52 Long. 100 18 19 Accuracy of Coord. 5

Owner's Well No. _____ Location ____ 1/4, ____ 1/4, Section ____, Block ____, Survey ____

Owner E S KUBELA

Driller

Address _____ Tenant/Oper. _____

Date Drilled 1948 Depth 105 Source of Depth Datum A Altitude 1864 Source of Alt. Datum M

Aquifer LEONA FM 112LEON Well Type W Use

Aquifer ID 22

Well Construction: Const. Method _____ Casing Material _____

Completion _____ Screen Material _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S)
Open Hole (O)
Cemented from ___ to ___

	Diam. (in.)	Setting (feet) From	To
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Lift Data: Pump Mfr. _____ Type TURBINE T Setting _____

Motor Mfr. _____ Power ELECTRIC E Horsepower 10.00

Yield: Flow ____ GPM Pump 260 GPM Meas. Repr. Est. _____ Date _____

Performance Test: Date _____ Length of Test _____ Production _____ GPM

Static Level ____ ft. Pumping Level ____ ft. Drawdown ____ ft. Sp. Cap. ____ GPM/ft.

Water Use: Primary IRR I Secondary _____ Tertiary _____

Quality (Remarks) _____

Other Data Available: Water Level M Water Quality N Logs _____ Other Data _____

Water Levels:
Date 11 19 1948 Meas. 170.30 TAPE-USGS
Date _____ Meas. _____
Date _____ Meas. _____

Recorded By _____ Date Record Collected or Updated _____ 1948

(20 max) Reporting Agency 02

Remarks: WELL M-43 IN B5411

Aquifer 112LEON

Well No. 43-38-823

97-0402-/7-77

Map ID 143: GWS

Map ID: 143		**Source: Texas Water Development Board**
Well Number: 4346214	**GWS - Groundwater Supply**	**Banks ID: 4346214**
Well Address: TX		**Rel. Loc.: 0.82mi S**
Completion Date:		**Drill Depth: 175.0**
Owner: Monroe Dierschke Jr.		**Elevation: 1876.64 ft (+8.63 ft)**

County:	Tom Green
Aquifer Code:	112LEON
Driller:	
Drilling Start Date:	
Drilling Method:	
Well Type:	Withdrawal of Water
Digital Log:	Go to webpage

Sites in Map ID 143 Cluster

Dataset	Well Name	Well Address	Page #
GWS	Monroe Dierschke Jr.	TX	67
HIST		TX	194

Map ID 152: GWS

Map ID: 152		**Source: Texas Water Development Board**
Well Number: 4338822	**GWS - Groundwater Supply**	**Banks ID: 4338822**
Well Address: TX		**Rel. Loc.: 0.85mi N**
Completion Date: 1949-01-01		**Drill Depth: 130.0**
Owner: A W Strube		**Elevation: 1856.96 ft (-11.06 ft)**

County:	Tom Green
Aquifer Code:	112LEON
Driller:	Garmon Bros.
Drilling Start Date:	
Drilling Method:	
Well Type:	Withdrawal of Water
Digital Log:	Go to webpage

Texas Water Development Board
Well Schedule

State Well No. 43 38 822 Previous Well No. M-42 County TOM GREEN 451

River Basin COLORADO 14 Zone 2 Lat. 31 22 59 Long. 100 18 19 Accuracy of Coord. 3

Owner's Well No. _____ Location ____ 1/4, ____ 1/4, Section ____, Block ____, Survey ____

Owner A W STRUBE

Driller GARMON BROS

Address _____ Tenant/Oper. _____

Date Drilled ____ ____ 1949 Depth 130 Source of Depth Datum A Altitude 1862 Source of Alt. Datum M

Aquifer LEONA FM 112LEON Well Type W User _____

Aquifer ID 22 ____ ____

Well Construction: Const. Method _____ Casing Material GALV IRON 6

Completion _____ Screen Material _____

Lift Data: Pump Mfr. _____ Type TURBINE T Setting _____

Motor Mfr. _____ Power ELECTRIC E Horsepower 10.

Yield: Flow _____ GPM Pump 243 GPM Meas.,Repr.,Est. E Date AUG 1950

Performance Test: Date _____ Length of Test _____ Production _____ GPM

Static Level ____ ft. Pumping Level ____ ft. Drawdown ____ ft. Sp.Cap. _____ GPM/ft.

Water Use: Primary IRR I Secondary _____ Tertiary _____

Quality (Remarks) _____

Other Data Available: Water Level M Water Quality N Logs _____ Other Data _____

Water Levels: Date 04 18 1949 Meas. 66.6 TAPE-USGS

Date _____ Meas. _____

Date _____ Meas. _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S)
Open Hole (O)
Cemented from ___ to ___

	Diam. (in.)	From	To
1	C 12	0	53
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Recorded By _____ Date Record Collected or Updated ____ ____ 1949

(20 max) Reporting Agency 02

Remarks: WELL M-42 IN B5411

Aquifer 112LEON

Well No. 43-38-822

97-0402-07-97

Map ID 175: GWS

Map ID: 175		**Source: Texas Water Development Board**
Well Number: 4338802	**GWS - Groundwater Supply**	**Banks ID: 4338802**
Well Address: TX		**Rel. Loc.: 0.98mi NE**
Completion Date: 1945-02-01		**Drill Depth: 124.0**
Owner: A.W. Strube		**Elevation: 1863.52 ft (-4.49 ft)**

County:	Tom Green
Aquifer Code:	112LEON
Driller:	Gorman Brothers
Drilling Start Date:	
Drilling Method:	
Well Type:	Withdrawal of Water
Digital Log:	Go to webpage

Sites in Map ID 175 Cluster

Dataset	Well Name	Well Address	Page #
GWS	A.W. Strube	TX	70
GWS	A W Strube	TX	73

DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Water Resources Branch

Water Level Measurements — Field No. M 39
Owner A. W. Straube — Office No. 4475
Tenant do — County Tom Green
Location In Wall — Type of well Irr.
Measuring Point Top of airline hole in E. side pumpbase
Height of Meas. Point above land-surface datum 1.6 ft.

Date	Depth to water below meas. point	Alt. M.P. above L.S.D.	Depth to water below L.S.D.	Meas. by	Remarks (pumping, M.P. changed, etc.)
1-16-46	72.95	3.5		WHA	
11-10-48	79.24	1.6		CWW	NP
6-30-49	-			GHS	#12 also pumping. Pumping 150 g. 25 ft
7-9-49	-			V	do
2-16-50	73.5			CWW	NP
1-29-52	84.10	1.0		CGW	NP

9-153—July 1948 Revised

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
WATER RESOURCES BRANCH

WELL SCHEDULE
Date Nov. 10, 1948 — Field No.
Record by G. W. Willis — Office No. 277
Source of data Mr. Straube + file — M 39

1. Location: State Texas — County Tom Green — M 39
Mrp E. side Wall
¼ ¼ sec. T N/S R E/W
2. Owner: A. W. Straube — Address Wall, Texas
Tenant do — Address
Driller Carmon Bros. — Address Eola, Texas
3. Topography Flat
4. Elevation 1869.42 ft. above/below S L
5. Type: Dug, drilled, driven, bored, jetted 2 19 45
6. Depth: Rept. 124 ft. Meas. ft.
7. Casing: Diam. 8 in., to in., Type St
Depth 120 ft., Finish Open
8. Chief Aquifer From ft. to ft.
Others
9. Water level 79.24 ft. rept. meas. Nov. 10 19 48 above/below top airline hole in pumpbase which is 1.6 ft. above/below surface
10. Pump: Type Dempster Turb. Capacity G. M.
Power: Kind Elec. Horsepower
11. Yield: Flow G. M., Pump 3½ G. M., Meas., Rept., Est.
Drawdown ft. after hours pumping G. M.
12. Use: Dom., Stock, PS., RR., Ind., Irr., Obs.
Adequacy, permanence Strong
13. Quality Temp °F.
Taste, odor, color Sample Yes/No
Unfit for
14. Remarks: (Log, Analysis, etc.) W.L. 76.74 below M.P. 11-16-49

42-38-802

obs well

3 wells #872 #873 #W43
irr. 180 acres of cotton & feed (¼ feed).
Pumped 95,688,000 gal. in 1948.

W 43 is weaker well

873 - 515 g.p.m.
872 - 335 g.p.m.
W43 - 300 g.p.m.

43-38-802

Map ID 175: GWS

Map ID: 175		**Source: Texas Water Development Board**
Well Number: 4338821	**GWS - Groundwater Supply**	**Banks ID: 4338821**
Well Address: TX		**Rel. Loc.: 0.98mi NE**
Completion Date: 1946-01-01		**Drill Depth: 120.0**
Owner: A W Strube		**Elevation: 1863.52 ft (-4.49 ft)**

County:	Tom Green
Aquifer Code:	112LEON
Driller:	Garmon Bros.
Drilling Start Date:	
Drilling Method:	
Well Type:	Withdrawal of Water
Digital Log:	Go to webpage

Sites in Map ID 175 Cluster

Dataset	Well Name	Well Address	Page #
GWS	A.W. Strube	TX	70
GWS	A W Strube	TX	73

Texas Water Development Board
Well Schedule

State Well No. 43 38 821 Previous Well No. M-41 County TOM GREEN 451

River Basin COLORADO 14 Zone 2 Lat. 31 22 52 Long. 100 17 43 Accuracy of Coord. 3

Owner's Well No. _____ Location ____ 1/4, ____ 1/4, Section ____, Block ____, Survey ____

Owner A W STRUBE

Driller GARMON BROS

Address _____ Tenant/Oper. _____

Date Drilled 1946 Depth 1120 Source of Depth Datum A Altitude 1868 Source of Alt. Datum M

Aquifer LEONA FM 112LEON Well Type W User

Aquifer ID 22

Well Construction — Const. Method _____ Casing Material STEEL S; Completion _____ Screen Material _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S)
Open Hole (O)
Cemented from ___ to ___

	Diam. (in.)	Setting (feet) From	To
1	C 8	0	762
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Lift Data — Pump Mfr. _____ Type TURBINE T Setting _____

Motor Mfr. _____ Power ELECTRIC E Horsepower 150.00

Yield — Flow _____ GPM Pump 300 GPM Meas. Rpt. Est. _____ Date 1948

Performance Test — Date _____ Length of Test _____ Production _____ GPM

Static Level ____ ft. Pumping Level ____ ft. Drawdown ____ ft. Sp.Cap. _____ GPM/ft.

Water Use — Primary UNUSED U Secondary _____ Tertiary _____

Quality (Remarks) _____

Other Data Available — Water Level M Water Quality N Logs _____ Other Data _____

Water Levels — Date 11 10 1948 Meas. 178.50 TAPE-USGS; Date _____ Meas. _____ _____; Date _____ Meas. _____ _____

Recorded By _____ Date Record Collected or Updated ____ ____ 1948 (20 max) Reporting Agency 02

Remarks: WELL M-41 IN B5411

Aquifer 112LEON

Well No. 43-38-821

77-0402-/7-77

Map ID 177: GWS

Map ID: 177		**Source: Texas Water Development Board**
Well Number: 4338820	**GWS - Groundwater Supply**	**Banks ID: 4338820**
Well Address: TX		**Rel. Loc.: 0.99mi NE**
Completion Date: 1945-01-01		**Drill Depth: 122.0**
Owner: A W Strube		**Elevation: 1863.52 ft (-4.49 ft)**

County:	Tom Green
Aquifer Code:	112LEON
Driller:	Garmon Bros.
Drilling Start Date:	
Drilling Method:	
Well Type:	Withdrawal of Water
Digital Log:	Go to webpage

End of GWS Section

Texas Water Development Board
Well Schedule

State Well No. 43 38 820 Previous Well No. M-40 County TOM GREEN 451

River Basin COLORADO 14 Zone 2 Lat. 31 22 52 Long. 100 17 42 Accuracy of Coord. 3

Owner's Well No. _____ Location ____ 1/4, ____ 1/4, Section ____, Block ____, Survey ____

Owner A W STRUBE

Driller GARMON BROS

Address _____ Tenant/Oper. _____

Date Drilled 1945 Depth 122 Source of Depth Datum A Altitude 1868 Source of Alt. Datum M

Aquifer LEONA FM 112LEON Well Type W User

Aquifer ID 22

Well Construction — Const. Method _____ Casing Material STEEL S

Completion _____ Screen Material _____

Casing or Blank Pipe (C)
Well Screen or Slotted Zone (S)
Open Hole (O)
Cemented from ___ to ___

	Diam. (in.)	From	To
1	C 8	0	120
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			

Lift Data — Pump Mfr. _____ Type TURBINE T Setting _____

Motor Mfr. _____ Power ELECT E Horsepower 20.

Yield — Flow _____ GPM Pump 515 GPM Meas. Rep. Est. _____ Date 1948

Performance Test — Date _____ Length of Test _____ Production _____ GPM

Static Level ____ ft. Pumping Level ____ ft. Drawdown ____ ft. Sp.Cap. _____ GPM/ft.

Water Use — Primary IRR I Secondary _____ Tertiary _____

Quality (Remarks) _____

Other Data Available — Water Level M Water Quality N Logs _____ Other Data _____

Water Levels

	Date	Meas.	
Date	01 16 1946	68.9	TAPE-USGS
Date	11 10 1948	78.4	TAPE-USGS
Date			

Recorded By _____ Date Record Collected or Updated 1948

Reporting Agency 02 (20 max)

Remarks: WELL M-40 IN B5411

Aquifer 112LEON

Well No. 43-38-820

97-0402-17-77

Map ID 1: HIST

HIST - Historical Water Well

Map ID: 1		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101679**
Well Address: TX		**Rel. Loc.: 0.15mi SE**
Completion Date: 1998-03-03		**Drill Depth: 180.0**
Owner: Lavern Schnieres		**Elevation: 1870.08 ft (+2.07 ft)**

Send original copy by certified return receipt requested mail to: **TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-**

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas WELL REPORT

West

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** LaVern Schnieres (Name) **ADDRESS** FM765 (Street or RFD) San Angelo (City) Tx (State) (Zip)

2) **ADDRESS OF WELL:** County Tom Green S. US 87 (Street, RFD or other) Wall, Texas (City) (State) (Zip) **GRID #** 43-46-2

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) 31-22-09

6) **WELL LOG:**
Date Drilling: Started 3-3 19 98 Completed _____ 19 ___

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
13	Surface	18
10	18	180

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

100-18-18

N

From (ft.)	To (ft.)	Description and color of formation material
Surface	3	Topsoil
3	75	Red Clay
75	110	Conglomerate
110	115	Yellow Lime
115	120	Blue Lime
120	145	Red Clay
145	160	Blue Lime & Shale
160	—	Gray Lime & Shale

Water 95-115
(Use reverse side of Well Owner's copy, 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
10	New	PVC Sch40	Surface	18	
8	New	PVC Sch 40			
		Pkr			

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from Surface ft. to 18 ft. No. of sacks used 10
_____ ft. to _____ ft. No. of sacks used _____
Method used Cement Slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination 400 ft.
Method of verification of above distance Landowner

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 90 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type _____ Depth _____
None

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: 75 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? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

FILE ID _____ SEQ # _____
EMP # _____ RECD MAR 30 1998 CD
COMMENT

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 Michael C Hoelscher (Type or print) **WELL DRILLER'S LICENSE NO.** 0240GWT

ADDRESS 11385 FM Hwy 765 (Street or RFD) San Angelo (City) Texas (State) (Zip)

(Signed) Michael C Hoelscher (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 2: HIST

Map ID: 2		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101781**
Well Address: TX		**Rel. Loc.: 0.16mi W**
Completion Date: 1989-12-20		**Drill Depth: 180.0**
Owner: Monroe Dierschke		**Elevation: 1866.80 ft (-1.21 ft)**

Send original copy by certified mail to: Texas Water Commission, P.O. Box 13087, Austin, Texas 78711

2260

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 Monroe Dierschke Sr (Name) ADDRESS RX3 (Street or RFD) San Angelo (City) Texas (State) (Zip)

2) LOCATION OF WELL: County Tom Green, 4 miles in South (NE, SW, etc.) direction from Wall (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. 58 Block No. _____ Township A Abstract No. 8189 Survey Name SPRR Co Dist 1
Distance and direction from two intersecting section or survey lines From N.E Corner 900 feet South 1100 feet West
☐ 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 ☐ De-Watering

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

6) WELL LOG:
Date Drilling: Started 12-20 19 89 Completed _____ 19 __

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
11	Surface	20
9 7/8	20	180

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
Surface	6	Top Soil
6	15	Red Clay
15	20	Gravel & Lime
20	60	Red Clay
60	65	Conglomerate
65	108	White Lime
108	120	Conglomerate
120	124	Yellow Clay & Lime
124	180	Bluish Green Lined Clay
Water 65 110 120 130 160		(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
10"		PVC Sch 40	Surface	20	
8"		API 80 PSF PVC	Surface	180	
		Perf. 180-180			

9) CEMENTING DATA [Rule 287.44(1)]
Cemented from 20 ft. to 21 ft. No. of Sacks Used 1
_____ ft. to _____ ft. No. of Sacks Used _____
Method used cement & Grout
Cemented by Landowner

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☑ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level 60 ft. below land surface Date 12-20-89
Artesian flow _____ gpm. Date _____

12) PACKERS:

Type	Depth
Interlube	21

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

RECEIVED JAN 31 1990 TEXAS WATER COMMISSION

14) WELL TESTS:
Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☑ Estimated
Yield: 300 gpm with _____ ft. drawdown after _____ hrs.

15) WATER QUALITY:
Did the drilling penetrate any strata which contained undesirable constituents?
☐ 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 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Michael C Hoelscher (Type or print) WELL DRILLER'S LICENSE NO. 02409W

ADDRESS 11385 FM 765 (Street or RFD) San Angelo (City) Texas (State) (Zip)

(Signed) Michael C Hoelscher (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. 43-46-2 Located on map _____

WWD-012 (Rev. 09/21/88)

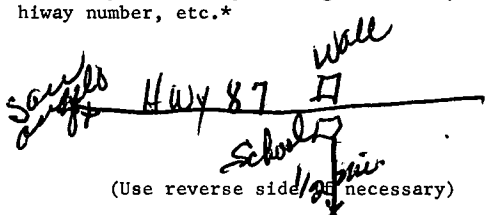
TEXAS WATER COMMISSION COPY

Map ID 3: HIST

Map ID: 3		**Source: TCEQ**
Grid Number: 43-46-2F	**HIST - Historical Water Well**	**Banks ID: 4845101816**
Well Address: TX		**Rel. Loc.: 0.16mi S**
Completion Date: 1976-01-30		**Drill Depth: 136.0**
Owner: Jimmy Schniers		**Elevation: 1870.08 ft (+2.07 ft)**

2) LOCATION OF WELL:
County Tom Green, 1/2 miles in S. direction from Wall
(N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*



North

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 X | Deepening | Reconditioning | Plugging

4) PROPOSED USE (Check):
Domestic X | Industrial | Municipal | Irrigation | Test Well | Other

5) TYPE OF WELL (Check):
Rotary | Driven | Dug | Cable X | Jetted | Bored

6) WELL LOG:
Diameter of hole 8 in. Depth drilled 136 ft. Depth of completed well 136 ft. Date drilled 1-30-76

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	4	Top soil
4	55	Caliche
55	102	Lime
102	118	Conglomorie
118	122	Porous lime- water
122	136	Blue clay

(Use reverse side if necessary)

9) Casing:
Type: Old | New X | Steel | Plastic X | Other
Cemented from 1 above ft. to 1 below ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
6	1 above	136	1/4"

10) SCREEN:
Type plastic casing
Perforated X | Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
6	96	126	1/2"

7) COMPLETION (Check):
Straight wall X | Gravel packed | Other
Under reamed | Open Hole X

8) WATER LEVEL:
Static level 90 ft. below land surface Date 1-30-76
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 X If yes, by whom? _____
Yield: _____ gpm with _____ ft. drawdown after _____ hrs.
Bailer test approx. 200 gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes | No X
Did any strata contain undesirable water? Yes | No X
Type of water? good depth of strata 4'

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 T.W. Casey (Type or Print) Water Well Drillers Registration No. 1140

ADDRESS Box 217 (Street or RFD) Robert Lee (City) Texas (State)

(Signed) T.W. Casey (Water Well Driller) Casey Water Well Service (Company Name)

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

*Additional instructions on reverse side.

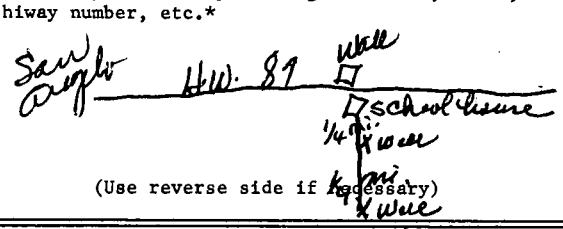
TWDBE-WD-8

Map ID 4: HIST

Map ID: 4		**Source: TCEQ**
Grid Number: 43-46-2E	**HIST - Historical Water Well**	**Banks ID: 4845101815**
Well Address: TX		**Rel. Loc.: 0.19mi SE**
Completion Date: 1976-01-23		**Drill Depth: 138.0**
Owner: Jimmy Schniers		**Elevation: 1870.08 ft (+2.07 ft)**

2) LOCATION OF WELL:
County Tom Green, 1/4 miles in S. direction from Wall
(N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*



(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 X, Deepening, Reconditioning, Plugging

4) PROPOSED USE (Check):
Domestic X, Industrial, Municipal, Irrigation, Test Well, Other

5) TYPE OF WELL (Check):
Rotary, Driven, Dug, Cable X, Jetted, Bored

6) WELL LOG:
Diameter of hole 8 in. Depth drilled 138 ft. Depth of completed well 138 ft. Date drilled 1-23-76

All measurements made from 0 ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	4	Top soil
4	55	Caliche
55	102	Lime
102	118	Conglomorie
118	122	Porous lime - Water
122	138	Blue clay

(Use reverse side if necessary)

9) Casing:
Type: Old, New X, Steel, Plastic X, Other

Cemented from 1' above ft. to ~~138~~ 1 below ft.

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Gage
6	1 above	138	1/4"

10) SCREEN:
Type plastic casing

Perforated X, Slotted X

Diameter (inches)	Setting From (ft.)	Setting To (ft.)	Slot Size
6			1/2"

7) COMPLETION (Check):
Straight wall X, Gravel packed, Other
Under reamed, Open Hole X

8) WATER LEVEL:
Static level 90 ft. below land surface Date 1-23-76
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 X No If yes, by whom? Henry Curtis
Yield: ~~X~~ gpm with _____ ft. drawdown after _____ hrs.
Bailer test ~~X~~ 270 gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes No X
Did any strata contain undesirable water? Yes No X
Type of water? good depth of strata 4'

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 T. W. Casey (Type or Print) Water Well Drillers Registration No. 1140

ADDRESS Box 217 (Street or RFD) Robert Lee (City) Texas (State) 76945

(Signed) T. W. Casey (Water Well Driller) Casey Water Well Service (Company Name)

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

*Additional instructions on reverse side.

TWDBE-WD-8

Map ID 6: HIST

Map ID: 6		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101764**
Well Address: TX		**Rel. Loc.: 0.20mi NE**
Completion Date: 1999-04-01		**Drill Depth: 180.0**
Owner: Opal Wood		**Elevation: 1866.80 ft (-1.21 ft)**

Send original copy by certified return receipt reque… …ail 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 Opal Wood (Name) ADDRESS 8201 Loop 570 (Street or RFD) Odessa (City) Texas (State) (Zip)

2) ADDRESS OF WELL'S LOCATION: County Tom Green Same (Street, RFD or other) (City) (State) (Zip) Long. _____ Lat. _____ Grid # 43-46-2

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) 31-22-22

6) WELL LOG:
Date Drilling: Started 4-1 19 99 Completed _____ 19 ___

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8	Surface	20
6	20	180

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

100-18-16

N

From (ft.)	To (ft.)	Description and color of formation material
Surface	4	Top Soil
4	60	Red Clay
60	98	White Lime
98	110	Conglomerant
110	140	Gray Lime & Shale
140	150	Red Clay
150	160	Blue Lime
160	180	Gray Lined Shale

Water 100, 118, 157
(Use reverse side of Well Owner's copy, 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"	New	PVC	Surface	180	
		Slotted	100	180	

9) CEMENTING DATA
Cemented from Surface ft. to 18 ft. No. of sacks used 6
_____ ft. to _____ ft. No. of sacks used _____
Method used Cement Slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination 120
Method of verification of above distance Landowner

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 ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

15) WELL TESTS:
Type test: ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: 30 gpm with _____ ft. drawdown after _____ hrs.

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

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed
☒ Specified Steel Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) WATER LEVEL:
Static level 100 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Rubber Depth 18'

FILE ID

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 Michael C Hoelscher (Type or print) WELL DRILLER'S LICENSE NO. MD2402 6005

ADDRESS 11385 FM 765 (Street or RFD) San Angelo (City) Texas (State) (Zip)

(Signed) Michael C Hoelscher (Licensed Well Driller)

(Signed) _____ (Registered Driller Trainee)

EMP # SUB # 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 7: HIST

Map ID: 7		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101765**
Well Address: TX		**Rel. Loc.: 0.25mi NW**
Completion Date: 1995-03-16		**Drill Depth: 140.0**
Owner: Will Brethern Church		**Elevation: 1866.80 ft (-1.21 ft)**

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 Wall Brethern Church (Name) ADDRESS Box 200 (Street or RFD) Wall, Texas (City) (State) (Zip)

2) ADDRESS OF WELL County Tom Green (Street or RFD) Wall, Texas (City) (State) (Zip) STATE WELL # 43-46-2

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)

6) WELL LOG:
Date Drilling: Started 3-16 19 95 Completed _____ 19 ____

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8	Surface	15
6¼	15	140

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

N

From (ft.)	To (ft.)	Description and color of formation material
Surface	3	Top Soil
3	60	Red Clay
60	90	White lime
90	120	Conglomerant
120	125	Yellow Lime
125	140	Blue Lime & Clay

Map ID 9: HIST

Map ID: 9		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101763**
Well Address: TX		**Rel. Loc.: 0.25mi N**
Completion Date: 1997-06-12		**Drill Depth: 135.0**
Owner: Tommy Chapman		**Elevation: 1866.80 ft (-1.21 ft)**

Send original copy by certified return receipt requested mail to: **TNRCC, MC 177, P.O. Box 13087, Austin, TX 7871[illegible]7**

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** Tommy Chapman (Name) **ADDRESS** PO 309 (Street or RFD) Wall (City) Texas (State) (Zip)

2) **ADDRESS OF WELL:** County Tom Green 8,148 Loop 570 (Street, RFD or other) Wall, (City) Texas (State) (Zip) **GRID #** 43-46-2

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) Lot 31 — 22 — 28 Long 100 — 18 — 19 W

6) **WELL LOG:**
Date Drilling: Started 6-11 19 97 Completed 6-12 19 97

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8	Surface	80
6	80	135

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
Surface	7	Top Soil
7	60	Red Clay
60	95	White Lime
95	115	Conglomerate
115	120	Yellow Lime
120	125	Red Clay
125	130	Bluish Green Clay
130	135	Blue Clay

Wat 80, 95-120
(Use reverse side of Well Owner's copy, 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	New	PVC Well Casing	Surface	135	
Perf			95	135	3/8

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from Surface to 80 ft. No. of sacks used 20
_____ ft. to _____ ft. No. of sacks used _____
Method used Cement Slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination 75 ft.
Method of verification of above distance Landowner

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 60 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: 100 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? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ~~☐ No~~

RECEIVED
JUL 14 1997
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

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 Michael Haelscher (Type or print) **WELL DRILLER'S LICENSE NO.** 02409WJ

ADDRESS 11385 Fm Hwy 765 (Street or RFD) San Angelo (City) Texas (State) (Zip)

(Signed) Michael C Haelscher (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 11: HIST

Map ID: 11		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101686**
Well Address: TX		**Rel. Loc.: 0.30mi E**
Completion Date: 1999-03-11		**Drill Depth: 200.0**
Owner: Michael Biggerstaff		**Elevation: 1870.08 ft (+2.07 ft)**

Send original copy by certified return receipt requested ... to: **TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711**

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** Michael Biggerstaff (Name) **ADDRESS** P.O. 381 (Street or RFD) Wall (City) Tx (State) (Zip)

2) **ADDRESS OF WELL:** County Tom Green Loop 570 (Street, RFD or other) Wall (City) Texas (State) **GRID #** 43-46-2

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) 31-22-17

100-18-06

N

6) **WELL LOG:**
Date Drilling:
Started 3-11 19 99
Completed _____ 19 ____

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8	Surface	20
6	20	200

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
Surface	5	Top Soil
5	60	Red Clay
60	92	White Lime
92	120	Conglomerate
120	125	Yellow Lime & Clay
125	145	Brown Lime & Clay
145	154	Red Clay
154	170	Blue Lime & Shale
170	200	Gray Lime & Shale
Wate	110-120	15

(Use reverse side of Well Owner's copy, 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	New	PVC	Surface	200	
	Slotted		100	200	

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from Surface ft. to 18 ft. No. of sacks used 7
_____ ft. to _____ ft. No. of sacks used _____
Method used Cement Slurry
Cemented by Dutch
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance Landowner

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 100 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) **PACKERS:**

Type	Depth
Rubber	18

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? _____ 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 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Michael C Hoelscher (Type or print) **WELL DRILLER'S LICENSE NO.** 02409WE

ADDRESS 11385 FM 765 (Street or RFD) **(City)** San Angelo **(State)** Texas **(Zip)**

(Signed) Michael C Hoelscher (Licensed Well Driller) **(Signed)** _____ (Registered Driller-Trainee)

MAY 06 1999

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 13: HIST

Map ID: 13		**Source: TCEQ**
Grid Number: 43-46-2J	**HIST - Historical Water Well**	**Banks ID: 4845101817**
Well Address: TX		**Rel. Loc.: 0.33mi W**
Completion Date: 1983-01-06		**Drill Depth: 150.0**
Owner: Darryl Schnieres		**Elevation: 1863.52 ft (-4.49 ft)**

well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

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 1-6-83

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
~~8~~ 7⅞	Surface	150

From (ft.)	To (ft.)	Description and color of formation material
Surface	10	Top Soil
10	40	Red Clay
40	75	White Lime
75	120	Conglomerate Gravel Brown Lime
120	135	Blue Clay
125	150	Blue Limey Shale

Water
75, 90, 105, 118, 135

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
8"		PVC SDR 50 PS+	Surface	60	

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

9) WATER LEVEL:
Static level 60 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

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

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☐ ~~Estimated~~
Yield: 300 gpm with _____ ft. drawdown after _____ hrs.

RECEIVED
FEB 28 1983
DEPT. OF WATER RESOURCES

(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~~

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 Calvin Holsclaw (Type or Print) Water Well Driller's License No. 511

ADDRESS Rt 3 Box 323 (Street or RFD) Sam Anglo (City) Texas (State) 76905 (Zip)

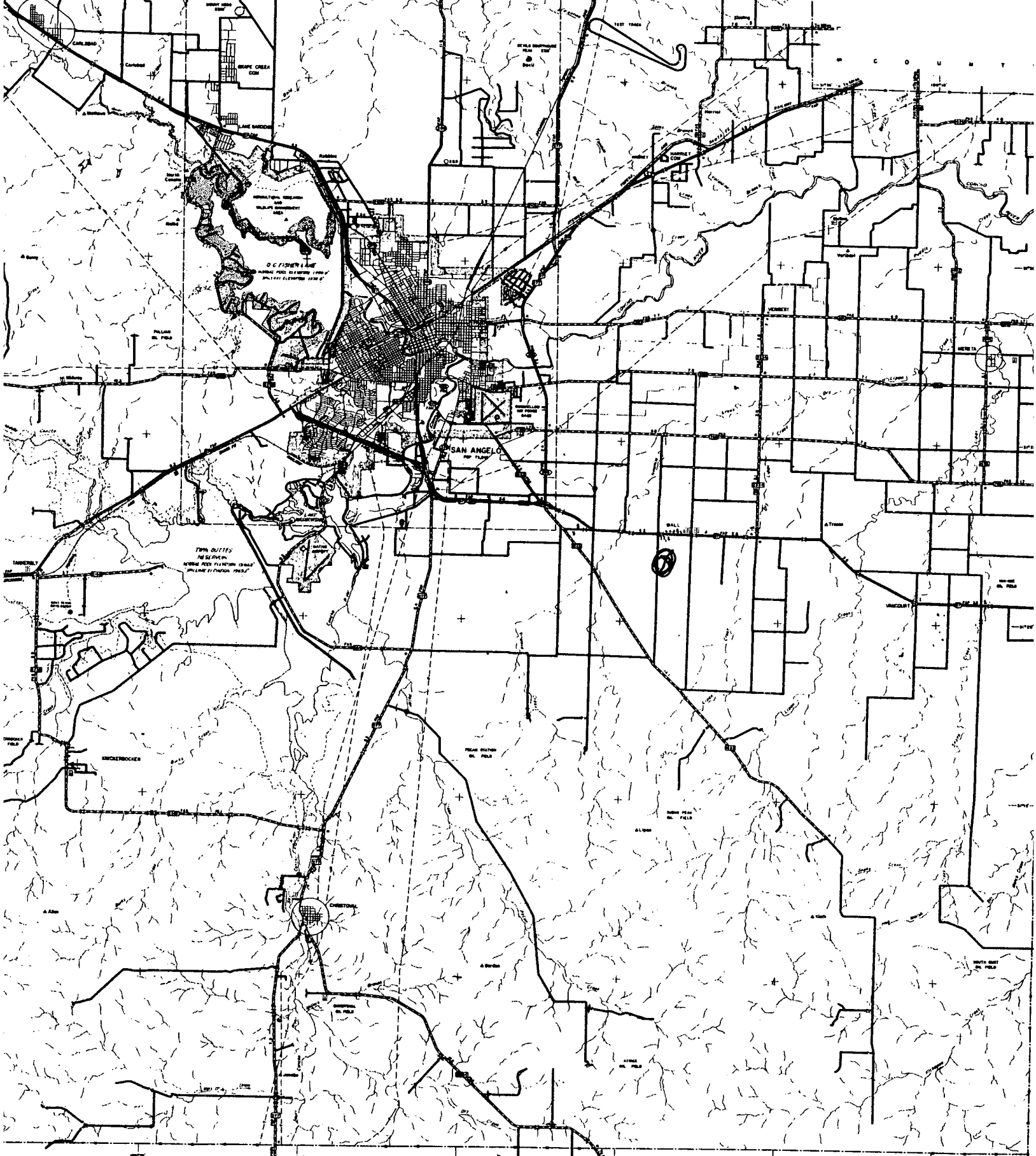
(Signed) Calvin Holsclaw (Licensed Water Well Driller) (Signed) Michael Holsclaw (Registered Driller Trainee)

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

For TDWR use only
Well No. 43-46-21
Located on map YC S C-5

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

DEPARTMENT OF WATER RESOURCES COPY



EEN COUNTY

EXAS

980

NSUS FIGURES

ED TO AUGUST 1, 1982

KEY TO BASE SHEETS

KEY TO SUPPLEMENTARY SHEETS

NOTICE

This map has been prepared for internal departmental use and has no official status. Accuracy is limited to validity of available data as of the dates shown.

Copies of this map are available for public use at nominal cost from the State Department of Highways and Public Transportation, P.O. Box 5051, Austin, Texas 78763

Map ID 15: HIST

Map ID: 15		**Source: TCEQ**
Grid Number: 43-38-8	**HIST - Historical Water Well**	**Banks ID: 4845101705**
Well Address: TX		**Rel. Loc.: 0.33mi E**
Completion Date: 1999-04-01		**Drill Depth: 200.0**
Owner: Michael Biggerstaff		**Elevation: 1870.08 ft (+2.07 ft)**

Send original copy by certified return receipt requ... 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
[illegible]463-7880

1) OWNER Michael Briggerstaff (Name) ADDRESS RT 10 Box 381 (Street or RFD) Wall (City) ~~San Angelo~~, Tx (State) (Zip)

2) ADDRESS OF WELL'S LOCATION: County Tom Green Loop 570 (Street/RFD or other) Wall (City) Texas (State) (Zip) Long. _____ Lat. _____ Grid # 43-38-8

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) 31-22-18

100-68-04

N

6) WELL LOG:
Date Drilling: Started 4-1 1999 Completed _____ 19___

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8	Surface	18
6	18	200

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
Surface	3	Top Soil
3	60	Red Clay
60	100	White Limestone
100	123	Conglomerate
123	~~160~~ 140	Blue Lime & Clay
140	150	Red Clay
150	165	Brown Lime & Shale
165	200	Gray Lime & Shale
Water	108-123	15

(Use reverse side of Well Owner's copy, 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		PVC	Surface	200	
		Slotted	100	200	

9) CEMENTING DATA
Cemented from Surface ft. to 18 ft. No. of sacks used 6
_____ ft. to _____ ft. No. of sacks used _____
Method used Cement Slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination 100
Method of verification of above distance Landowner

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 ~~Submersible~~ ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

15) WELL TESTS:
Type test: ☐ Pump ☐ Bailer ~~Jetted~~ ~~Estimated~~
Yield: 30 gpm with _____ ft. drawdown after _____ hrs.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed
☑ ~~Specified~~ Steel Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) WATER LEVEL:
Static level 100 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

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

12) PACKERS:

Type	Depth
Rubber	18

FILED
EMP
MAY
SEC
COMMENT
SC CO
TEMP

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 Michael C Hoelscher (Type or print) WELL DRILLER'S LICENSE NO. 024079[illegible]

ADDRESS 11385 FM 765 (Street or RFD) San Angelo (City) Texas (State) (Zip)

(Signed) Michael C Hoelscher (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

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 16: HIST

Map ID: 16		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101681**
Well Address: TX		**Rel. Loc.: 0.35mi E**
Completion Date: 1999-03-02		**Drill Depth: 200.0**
Owner: Michael Biggerstaff		**Elevation: 1870.08 ft (+2.07 ft)**

Send original copy by certified return receipt requested mail to: **TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711**

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** Michael Biggerstaff (Name) **ADDRESS** PO 381 (Street or RFD) Wall (City) San Angelo (State) Texas (Zip)

2) **ADDRESS OF WELL:** County Tom Green Loop 570 (Street, RFD or other) Wall, Texas (City) (State) (Zip) **GRID #** 43-46-2

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) 31-22-14

100-18-03

N

6) **WELL LOG:**
Date Drilling: Started 3-2 19 99 Completed _____ 19 ____

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8	Surface	20
6	20	200

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
Surface	3	Top Soil
3	55	Red Clay
55	60	Clay & Gravel
60	98	White lime
98	122	Conglomerate
122	125	Yellow lime
125	168	Blue Lime & Shale
168	200	Gray Lime
Wall	115	150 / 165

(Use reverse side of Well Owner's copy, 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"	PVC	Sxfan		200	
	SLOTTED		100	200	035

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from ~~Surface~~ ft. to 18 ft. No. of sacks used 7
_____ ft. to _____ ft. No. of sacks used _____
Method used cement Slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance landowner

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 100 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type Depth
Rubber 18

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? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ ~~No~~

FILE ID

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 Michael C Hoelscher (Type or print) **WELL DRILLER'S LICENSE NO.** MAY 03 1999 02409 WT

ADDRESS 11385 FM 765 (Street or RFD) San Angelo (City) Texas (State) (Zip)

(Signed) Michael C Hoelscher (Licensed Well Driller) **(Signed)** _____ (Registered Driller Trainee)

SEC

TRP

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 17: HIST

Map ID: 17		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101687**
Well Address: TX		**Rel. Loc.: 0.35mi E**
Completion Date: 1998-09-10		**Drill Depth: 195.0**
Owner: Michael Biggerstaff		**Elevation: 1870.08 ft (+2.07 ft)**

Send original copy by certified return receipt requested ... to: **TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711**

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** Michael Biggerstaff (Name) **ADDRESS** River Woods Rd (Street or RFD) San Angelo (City) Texas (State) (Zip)

2) **ADDRESS OF WELL:** County Tom Green Loop 570 (Street, RFD or other) Wall (City) Texas (State) (Zip) **GRID #** 43-46-2

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) 3/-22-21

6) **WELL LOG:**
Date Drilling:
Started 9-10 19 98
Completed _____ 19 ___

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8	Surface	20
6	20	195

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

100-18-04

N ↑

From (ft.)	To (ft.)	Description and color of formation material
Surface	4	Top Soil
4	60	Red Clay
60	90	White Lime
90	125	Conglomerate
125	130	Yellow Lime
130	135	Bluish-Green Lime
135	170	Blue Shale Lime
170		Gray Lime & Shale
Water	98-120	140 161

(Use reverse side of Well Owner's copy 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	New	PVC	Surface	195	
	Pvc		90	195	~~36~~ 40

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from Surface ft. to 18 ft. No. of sacks used 6
_____ ft. to _____ ft. No. of sacks used _____
Method used cement slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination 200 ft.
Method of verification of above distance Landowner

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 100 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type Depth
Rubber 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: 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? _____ 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 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Michael C Hoelscher (Type or print) **WELL DRILLER'S LICENSE NO.** 02400 WF

ADDRESS 11385 FM 765 (Street or RFD) San Angelo (City) Texas (State) (Zip)

(Signed) Michael C Hoelscher (Licensed Well Driller) **(Signed)** _____ (Registered Driller Trainee)

FILE ID | RECEIVED | EMP# | DESCD | FEB 05 1999 | COMMENT

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 18: HIST

Map ID: 18		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101760**
Well Address: TX		**Rel. Loc.: 0.35mi NW**
Completion Date: 1981-04-15		**Drill Depth: 135.0**
Owner: Wall Independent School District		**Elevation: 1863.52 ft (-4.49 ft)**

General Highway Map and attach the map to this form.

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 4-15-81

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
7 7/8	Surface	135

From (ft.)	To (ft.)	Description and color of formation material
0 -	5	Top Soil
5 -	60	Red Clay
60 -	70	White Lime
70 -	85	White Clay
85 -	103	Conglomerate Gravel
103 -	106	Brown Lime
106 -	120	Conglomerate + Gravel
120 -	130	Red Clay
130 -	135	Blue Lime
Water	90,	98, 103, 118

(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
6"		PVC 100PSI	0 -	135		
		Perf. 85-135				

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

9) WATER LEVEL:
Static level 60 ft. below land surface Date 4-15-81
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

11) TYPE PUMP:
☐ Turbin ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 125 ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☒ Estimated
Yield: 200 gpm with _____ ft. drawdown after _____ hrs.

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

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 Calvin Hoelscher (Type or Print) Water Well Drillers Registration No. 511

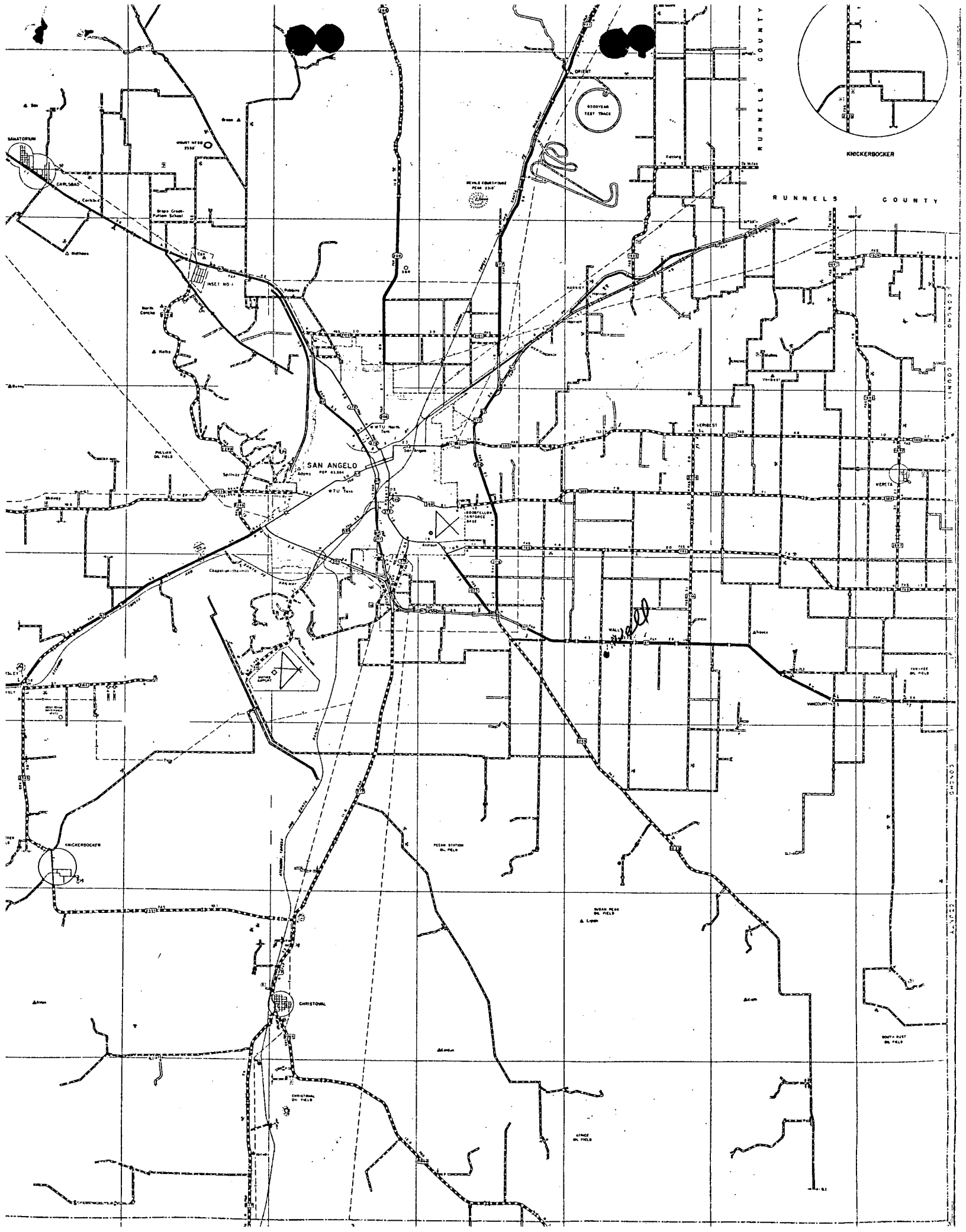
ADDRESS Rt 3 Box 323 (Street or RFD) San Angelo (City) Texas (State) 76901 (Zip)

(Signed) Calvin Hoelscher (Water Well Driller) _____ (Company Name)

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

*Additional instructions on reverse side.

TDWR-0392


RUNNELS COUNTY
KNICKERBOCKER
SAN ANGELO
CONCHO COUNTY
CHRISTOVAL
KNICKERBOCKER
VERIBEST
WALL

Map ID 20: HIST

Map ID: 20		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101776**
Well Address: TX		**Rel. Loc.: 0.35mi NW**
Completion Date: 1990-12-05		**Drill Depth: 150.0**
Owner: Wilfred Wilde		**Elevation: 1863.52 ft (-4.49 ft)**

Sites in Map ID 20 Cluster

Dataset	Well Name	Well Address	Page #
HIST		TX	105
HIST		TX	107

Send original copy by certified mail to: Texas Water [redacted]mission, P.O. Box 13087, Austin, Texas 78711

226 *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** Wilfred Wilde (Name) **ADDRESS** P.O. Box 294 (Street or RFD) Wall (City) Texas (State) 76957 (Zip)

2) **LOCATION OF WELL** County Tom Green, 3/4 miles in N.W. (NE, SW, etc.) direction from Wall (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. 19 Block No. _____ Township _____ Abstract No. 1669 Survey Name SPRR Co. Dist 11
Distance and direction from two intersecting section or survey lines From S. W Corner 700 feet East then 15 feet North

☐ **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 ☐ De-Watering

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

6) **WELL LOG:**
Date Drilling: Started 11-27 1989 Completed 12-5 1990

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
7 7/8	Surface	150

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
Surface	4	Top Soil
4	45	Red Clay
45	80	Conglomerate
80	84	Yellow Lime
84	100	Conglomerate
100	120	Bluish-Green Lime
120	125	Blue Clay
125	150	Blue Lime & Shale

Water at 58, 80, 90
(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"		IPS PVC 100 PSI	Surface	150	
		Perf. 50 - 150			

9) **CEMENTING DATA** [Rule 287.44(1)]
Cemented from Surface ft. to 10 ft. No. of Sacks Used 5 1/2
_____ ft. to _____ ft. No. of Sacks Used _____
Method used Gravel
Cemented by Landowner

10) **SURFACE COMPLETION**
☒ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) **WATER LEVEL:**
Static level 45 ft. below land surface Date 1-22-90
Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type Intertube Depth

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

14) **WELL TESTS:**
Type Test: ☐ Pump ☐ Baller ☐ Jetted ☒ Estimated
Yield: 175 gpm with _____ ft. drawdown after _____ hrs.

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

RECEIVED
JAN 31 1990
TEXAS WATER COMMISSION

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 Michael C Hoelscher (Type or print) WELL DRILLER'S LICENSE NO. 02409 W

ADDRESS 11385 FM 765 (Street or RFD) San Angelo (City) Texas (State) 76904 (Zip)

(Signed) Michael C Hoelscher (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. 43-46-2 Located on map _____

WWD-012 (Rev. 09/21/88)

TEXAS WATER COMMISSION COPY

Map ID 20: HIST

Map ID: 20		**Source: TCEQ**
Grid Number: 43-38-8	**HIST - Historical Water Well**	**Banks ID: 4845101695**
Well Address: TX		**Rel. Loc.: 0.36mi NW**
Completion Date: 2001-11-13		**Drill Depth: 175.0**
Owner: Chris Bubenik		**Elevation: 1860.24 ft (-7.78 ft)**

Sites in Map ID 20 Cluster

Dataset	Well Name	Well Address	Page #
HIST		TX	105
HIST		TX	107

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
Chris Bubenik	8786 Pennie Ln	San Angelo	TX	76905

2) WELL LOCATION

County	Physical Address	City	State	Zip
Tom Green	2005 70	San Angelo	TX	76905

Lat. 31-22-30 Long. 100-28-37 Grid # 43-38-08

3) Type of Work
☐ New Well ☐ Reconditioning ☒ Replacement ☐ Deepening

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☒ Irrigation ☐ Injection ☐ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply
If Public Supply well, were plans submitted? ☐ Yes ☐ No

5) N↑

6) Drilling Date
Started 11 / 13 / 01
Completed ___ / ___ / ___

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
13	Surface	18
10	18	175

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
Surface	3	Top Soil
3	42	Red Clay
42	90	White lime
90	104	Conglomerate
104	125	Bluish green lime
125	145	Blue Shale & lime
145	155	Red Clay
155	200	Gray lime & Shale

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☒ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☐ Other ___
If Gravel Packed give the 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
10"	New	PVC	Surface	18		
8"	New	PVC	Surface	175		
Perf.			75	175		

9) Cementing Data
Cementing from Surface ft. to 18 ft. # of sacks used 8
___ ft. to ___ ft. # of sacks used ___
Method Used Cement Slurry
Cementing By Driller
Distance to septic system field or other concentrated contamination ___ ft.
Method of verification of above distance Landowner

10) Surface Completion
☒ Specified Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

JAN 08 2002
TDLR MAIL ROOM SH

RECEIPT #	AMOUNT

11) Water Level
Static level 85 ft. below Date ___ / ___ / ___
Artesian Flow ___ gpm. Date ___ / ___ / ___

12) Packers

Type	Depth
None	

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Type Pump
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other ___
Depth to pump bowls, cylinder, jet etc., ___ ft.

15) Water Test
Typetest ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: 200 gpm with ___ ft. drawdown after ___ hrs.

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☒ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water ___ Depth of Strata ___
Was a chemical analysis made ☐ Yes ☐ No

Company or individual's Name (type or print)	Michael C Hoelscher	Lic. No. 02409WI
Address 11385 FM 765	City San Angelo	State TX Zip 76905

Signature Licensed Driller/Pump Installer	Date	Signature Apprentice	Date
Michael C Hoelscher	___ / ___ / ___		___ / ___ / ___

TDLR FORM b001WWD *White - TDLR Yellow - Owner Pink - Driller/Pump Installer*

Map ID 21: HIST

Map ID: 21		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101685**
Well Address: TX		**Rel. Loc.: 0.36mi E**
Completion Date: 1999-03-03		**Drill Depth: 200.0**
Owner: Michael Biggerstaff		**Elevation: 1870.08 ft (+2.07 ft)**

Send original copy by certified return receipt reque 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 Michael Biggerstaff (Name) ADDRESS P.O. 381 (Street or RFD) Wall (City) Texas (State) (Zip)

2) ADDRESS OF WELL'S LOCATION: County Tom Green Loop 570 (Street, RFD or other) Wall, Texas (City) (State) (Zip) Long. _____ Lat. _____ Grid # 43-462

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) 31-22-20
100-18-03
N

6) WELL LOG:
Date Drilling: Started 3-3 1999 Completed _____ 19___

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8	Surface	20
6	20	200

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
Surface	4	Top Soil
4	60	Red Clay
60	62	Clay & Gravel
62	95	White Lime
95	122	Conglomerate
		Less Circulation
Water	118	158 160 178

(Use reverse side of Well Owner's copy, 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	New	PVC	Surface	200	
Slotted			100	200	.035

9) CEMENTING DATA
Cemented from Surface ft. to 18 ft. No. of sacks used 6
_____ ft. to _____ ft. No. of sacks used _____
Method used Cement Slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance Landowner

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 ☐ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

15) WELL TESTS:
Type test: ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: 30 gpm with _____ ft. drawdown after _____ hrs.

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

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed
☒ Specified Steel Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) WATER LEVEL:
Static level 100 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Rubber Depth 18

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 Michael C Hoelscher (Type or print) WELL DRILLER'S LICENSE NO. 02409

ADDRESS 11385 FM 765 (Street or RFD) San Angelo (City) Texas (State) (Zip)

(Signed) Michael C Hoelscher (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

FILE ID
EMP #
MAY 06 1999
DESC CO
ENTERED
STAMP

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 22: HIST

Map ID: 22		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101665**
Well Address: TX		**Rel. Loc.: 0.36mi SE**
Completion Date: 1998-05-01		**Drill Depth: 200.0**
Owner: Cloice Whittley		**Elevation: 1873.36 ft (+5.35 ft)**

Send original copy by certified return receipt requested mail to: **TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087.**

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** Choice Whitley (Name) **ADDRESS** (Street or RFD) Harlington (City), Tex (State), (Zip)

2) **ADDRESS OF WELL:** County Tom Green 5 US 87 (Street, RFD or other) Wall (City), Texas (State) (Zip) **GRID #** 43-46-2

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) 31-22-07

6) **WELL LOG:**
Date Drilling:
Started 5-1 19 98
Completed _____ 19 ____

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
13	Surface	18
10	18	200

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

100-18-07

N

From (ft.)	To (ft.)	Description and color of formation material
Surface	5	Top Soil
5	65	Red Clay
65	115	White Lime
115	130	Conglomerate
130	140	Blue Lime & Clay
140	155	Red Clay
155	170	Blue Lime & Shale
170	200	Gray Lime & Shale

Water 105, 115-130, 162
(Use reverse side of Well Owner's copy, 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
10	New	PVC	Surface	18	
8	New	PVC	Surface	200	
	New	Perf	100	200	1/2"

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from Surface ft. to 18 ft. No. of sacks used 9
_____ ft. to _____ ft. No. of sacks used _____
Method used Cement Slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance Landowner

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]

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: 150 gpm with _____ ft. drawdown after _____ hrs.

11) **WATER LEVEL:**
Static level 110 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? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

12) **PACKERS:** Type Depth
None

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 Michael C Haelscher (Type or print) **WELL DRILLER'S LICENSE NO.** 02409

ADDRESS 11385 FM Hwy 765 (Street or RFD) San Angelo (City) Tx (State) (Zip)

(Signed) Michael C Haelscher (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 24: HIST

Map ID: 24		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101693**
Well Address: TX		**Rel. Loc.: 0.38mi NE**
Completion Date: 2002-07-30		**Drill Depth: 190.0**
Owner: BEDL Inc.		**Elevation: 1866.80 ft (-1.21 ft)**

Sites in Map ID 24 Cluster

Dataset	Well Name	Well Address	Page #
HIST		TX	113
HIST		TX	115

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
BEDL FNe	PO 284	Wall,	Texas	76957

2) WELL LOCATION

County	Physical Address	City	State	Zip
Tom Gen	2605 70	Wall	TX	76957

Lat. 31-22-29 Long. 100-18-08 Grid # 43-46-2

3) Type of Work
☒ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☒ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply
If Public Supply well, were plans submitted? ☒ Yes ☐ No

5) N↑

6) Drilling Date
Started 7/29/02
Completed 7/30/02

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
10	Surface	70
8	70	190

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
Surface	4	Top Soil
4	60	Red Clay
60	65	Gravel
65	70	White Lime
70	115	water Conglomerant
115	125	Yellow Lime
125	135	water Blue-green Lime
135	150	Red Clay
150	170	water Blue Lime
170	190	Gray Lime

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☒ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☐ Other
If Gravel Packed give the 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
6"	PVC	sch 40	Surface	190		
SLOTTED			70	190		

9) Cementing Data
Cementing from Surface ft. to 70 ft. # of sacks used 20
ft. to ft. # of sacks used
Method Used Trimie Tube Pumped
Cementing By Driller
Distance to septic system field or other concentrated contamination 50 ft.
Method of verification of above distance Landowner

13) Plugged ☐ Well plugged within 48 hours

Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used
	None			

14) Type Pump
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc., ft.

15) Water Test
Typetest ☒ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 40 gpm with 0 ft. drawdown after 36 hrs.

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☒ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water Depth of Strata
Was a chemical analysis made ☐ Yes ☒ No

10) Surface Completion
☐ Specified Surface Slab Installed
☒ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

RECEIVED
FIELD MAIL ROOM SH
SEP 10 2002
RECEIPT
AMOUNT

11) Water Level
Static level 80 ft. below Date
Artesian Flow gpm. Date

12) Packers

Type	Depth
Rubber	70'

Company or individual's Name (type or print)	Michael C Hoelscher	Lic. No. 02409WL
Address 1385 FM 765	City San Angelo	State TX Zip 76905

Signature Michael C Hoelscher — Licensed Driller/Pump Installer — Date / /
Signature — Apprentice — Date / /

Map ID 24: HIST

Map ID: 24		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101694**
Well Address: TX		**Rel. Loc.: 0.38mi NE**
Completion Date: 2002-07-30		**Drill Depth: 190.0**
Owner: BEDL Inc.		**Elevation: 1866.80 ft (-1.21 ft)**

Sites in Map ID 24 Cluster

Dataset	Well Name	Well Address	Page #
HIST		TX	113
HIST		TX	115

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

A. WELL IDENTIFICATION AND LOCATION DATA

1) OWNER

Name	Address	City	State	Zip
BEPL FM	P.O. 284	Wall	Texas	76957

2) WELL LOCATION

County	Physical Address	City	State	Zip
Tom Green	Loop 570	Wall	TX	76957

Lat. 31-22-29 Long. 100-18-08 Grid # 43-46-2

3) Type of Work
☒ New Well ☐ Reconditioning ☐ Replacement ☐ Deepening

4) Proposed Use (check) ☐ Monitor ☐ Environmental Soil Boring ☐ Domestic ☐ Industrial ☐ Irrigation ☐ Injection ☒ Public Supply ☐ De-watering ☐ Testwell ☐ Rig Supply
If Public Supply well, were plans submitted? ☒ Yes ☐ No

5) N↑

6) Drilling Date
Started 7/20/02
Completed 7/30/02

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
10	Surface	20
8	20	190

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
Surface	4	Top Soil
4	60	Red Clay
60	65	Gravel
65	70	White Lime
70	115	Water Conglomerant
115	125	Yellow Lime
125	135	Water Bluish green lime
135	150	Red Clay
150	170	Water Blue lime
170	190	Gray lime

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☒ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☐ Other
If Gravel Packed give the 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
6 5/8		VC Sch 40	Surface	190		
SLOTTED			20	190		

9) Cementing Data
Cementing from Surface ft. to 20 ft. # of sacks used 20
ft. to ft. # of sacks used
Method Used Trimie Tube Pumped
Cementing By Driller
Distance to septic system field or other concentrated contamination 50 ft.
Method of verification of above distance Landowner

10) Surface Completion
☐ Specified Surface Slab Installed
☒ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

RECEIVED SEP 10 2002 TDLR LABEL NO. AMOUNT

11) Water Level
Static level 80 ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth
Rubber	70'

13) Plugged ☐ Well plugged within 48 hours

Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used
	None			

14) Type Pump
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc., ft.

15) Water Test
Typetest ☒ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 20 gpm with 0 ft. drawdown after 36 hrs.

16) Water Quality
Did you knowingly penetrate a strata which contain undesirable constituents.
☐ YES ☒ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water Depth of Strata
Was a chemical analysis made ☐ Yes ☒ No

Company or individual's Name (type or print)	Michael C Hoelscher	Lic. No	02409
Address	1385 Fm 765	City San Angelo	State TX Zip 76905

Signature	Date	Signature	Date
Michael C Hoelscher	/ /		/ /
Licensed Driller/Pump Installer		Apprentice	

TDLR FORM b001WWD *White - TDLR* *Yellow - Owner* *Pink - Driller/Pump Installer*

Map ID 25: HIST

Map ID: 25		**Source: TCEQ**
Grid Number: 43-38-8	**HIST - Historical Water Well**	**Banks ID: 4845101707**
Well Address: TX		**Rel. Loc.: 0.39mi NE**
Completion Date: 1999-04-06		**Drill Depth: 190.0**
Owner: Scott Allison		**Elevation: 1870.08 ft (+2.07 ft)**

Send original copy by certified return receipt requ... 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 SCOTT ALLison (Name) ADDRESS ____ (Street or RFD) San Angelo (City) Tx (State) (Zip)

2) ADDRESS OF WELL'S LOCATION: County Tom Green Loop 570 (Street, RFD or other) Wall (City) Texas (State) (Zip) Long. ____ Lat. ____ Grid # 43-38-8

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) 31-22-24

100-18-03 N

6) WELL LOG:
Date Drilling: Started 4-6 19 99 Completed ____ 19 ____

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8	Surface	20
6	20	190

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
Surface	4	Top Soil
4	70	Red Clay
70	100	White lime
100	125	Gray lime rock
125	140	Red Sandy Clay
140	150	Red Clay
150	160	Blue Lime & Shale
160		Gray Lime Shale

Water 110-120 150-160
(Use reverse side of Well Owner's copy, 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
6	New	PVC	Surface	100	
6	New	Slotted	100	190	.020

9) CEMENTING DATA
Cemented from Surface ft. to 18 ft. No. of sacks used 8
____ ft. to ____ ft. No. of sacks used ____
Method used Cement Slurry
Cemented by Dr. Ver
Distance to septic system field lines or other concentrated contamination 100
Method of verification of above distance Landowner

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 ☒ Submersible ☐ Cylinder ☐ Other ____
Depth to pump bowls, cylinder, jet, etc., ____ ft.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed
☒ Specified Steel Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

15) WELL TESTS:
Type test: ☐ Pump ☐ Bailer ☐ Jetted ☐ Estimated
Yield: 100 gpm with ____ ft. drawdown after ____ hrs.

11) WATER LEVEL:
Static level 100 ft. below land surface Date ____
Artesian flow ____ gpm. Date ____

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

12) PACKERS:

Type	Depth
Rubber	20

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 Michael C Hoelscher (Type or print) WELL DRILLER'S LICENSE NO. 02402 WT

ADDRESS 11385 FM 765 (Street or RFD) San Angelo (City) MAY 04 1999 (State) Texas (Zip)

(Signed) Michael C Hoelscher (Licensed Well Driller)

(Signed) ____ (Registered Driller Trainee)

FILE ID
DESC CO
COMMENT
TEMP

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 26: HIST

Map ID: 26		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101671**
Well Address: TX		**Rel. Loc.: 0.41mi S**
Completion Date: 1998-03-05		**Drill Depth: 180.0**
Owner: Lavern Schnieres		**Elevation: 1873.36 ft (+5.35 ft)**

Send original copy by certified return receipt requested mail to: **TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087**

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas WELL REPORT

S, E

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** Lakern Schnieres (Name) **ADDRESS** FM 765 (Street or RFD) San Angelo (City) Tx (State) (Zip)

2) **ADDRESS OF WELL:** County Tom Green Woods Rd (Street, RFD or other) Wall (City) Texas (State) (Zip) **GRID #** 43-46-2

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) 31-21-54
100-18-21
N

6) **WELL LOG:** Date Drilling: Started 3-5 19 98 Completed _____ 19 ____

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
13	Surface	10
10	10	180

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
Surface	3	Top Soil
3	70	Red Clay
70	100	White Lime
100	120	Conglomerate
120	135	Blue Green Clay
135	155	Blue Lime & Shale
155	175	Grey Lime & Shale
Wate	112-120	155

(Use reverse side of Well Owner's copy, 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
11"		Steel Pipe	Surface	10	
8"		PVC	Surface	180	
		Perf	80	180	1/2

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from Surface ft. to 10 ft. No. of sacks used 5
_____ ft. to _____ ft. No. of sacks used _____
Method used Cement Slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination _____ ft.
Method of verification of above distance Landowner

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 85 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) **PACKERS:** None

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: _____ 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? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ ~~No~~

FILE ID SEQ # EMP # Type Depth MAR 20 1998 CD WG DOMINANT

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 Michael C Hoelscher (Type or print) **WELL DRILLER'S LICENSE NO.** 02409WI

ADDRESS 11385 FM Hwy 765 (Street or RFD) San Angelo (City) Texas (State) (Zip)

(Signed) Michael C Hoelscher (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 27: HIST

Map ID: 27		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101688**
Well Address: TX		**Rel. Loc.: 0.41mi E**
Completion Date: 1999-04-01		**Drill Depth: 200.0**
Owner: Donald Wilde		**Elevation: 1870.08 ft (+2.07 ft)**

Send original copy by certified return receipt reque... 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 Donald Wilde (Name) ADDRESS PO 300 (Street or RFD) Wall (City) Texas (State) (Zip)

2) ADDRESS OF WELL'S LOCATION: County Tom Green 2000 FSL 570 (Street, RFD or other) Wall (City), Texas (State) (Zip) Long. _____ Lat. _____ Grid # 43-46-2

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) 31-22-15

6) WELL LOG:
Date Drilling: Started 4-1 19 99 Completed _____ 19 ___

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8	Surface	18
6	18	200

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

100-17-59 N

From (ft.)	To (ft.)	Description and color of formation material
Surface	4	Top Soil
4	60	Red Clay
60	100	White hi...
100	125	Conglomerate
125	142	Blue lime
142	152	Red Clay
152	170	Blue Limestone
170	200	Grey Lime & Shale
Wat.	110-125	157 161, 165

(Use reverse side of Well Owner's copy, 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"		PVC	Surface	200	
		SLOTTED	100	200	

9) CEMENTING DATA
Cemented from Surface ft. to 18 ft. No. of sacks used 6
_____ ft. to _____ ft. No. of sacks used _____
Method used Cement Slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination 100'
Method of verification of above distance Landowner

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 ☒ ~~Submersible~~ ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., _____ ft.

15) WELL TESTS:
Type test: ☐ Pump ☐ Bailer ☒ ~~Jetted~~ ☒ ~~Estimated~~
Yield: 100 gpm with _____ ft. drawdown after _____ hrs.

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

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed
☒ ~~Specified~~ Steel Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) WATER LEVEL:
Static level 100 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS: Type Rubber Depth 18

FILE ID

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 Michael C Hoelscher (Type or print) WELL DRILLER'S LICENSE NO. 0024019

ADDRESS 11385 FM 765 (Street or RFD) San Angelo (City) Texas (State) (Zip)

(Signed) Michael C Hoelscher (Licensed Well Driller)

(Signed) _____ (Registered Driller Trainee)

EMP # DISC CO 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 28: HIST

Map ID: 28		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101680**
Well Address: TX		**Rel. Loc.: 0.41mi E**
Completion Date: 1999-03-02		**Drill Depth: 200.0**
Owner: Michael Biggerstaff		**Elevation: 1870.08 ft (+2.07 ft)**

Send original copy by certified return receipt requested mail to: **TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-**

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** Michael Bujegutaff (Name) **ADDRESS** PO 381 (Street or RFD) Wall (City) Texas (State) (Zip)

2) **ADDRESS OF WELL:** County Tom Green — S Loop 570 (Street, RFD or other) Wall (City) Texas (State) (Zip) **GRID #** 43-46-2

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) 31-22-16
100-17-59

6) **WELL LOG:**
Date Drilling:
Started 3-2 19 99
Completed _____ 19 ___

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8	Surface	20
6	20	200

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

N

From (ft.)	To (ft.)	Description and color of formation material
Surface	5	Top Soil
5	55	Red Clay
55	60	Gravel & Clay
60	101	White lime
101	110	Sand & Clay
110	126	Conglomerate
126	140	Bluish-Green
140	154	Red Clay
154	170	Blue Lime & Shale
170	200	Gray Lime & Shale

Water 110-126 / 154 (Use reverse side of Well Owner's copy, 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	New	PVC	Surface	200	
		Slotted	100	200	.035

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from Surface ft. to 18 ft. No. of sacks used 8
_____ ft. to _____ ft. No. of sacks used _____
Method used Cement Slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination ___ ft.
Method of verification of above distance Landowner

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 100 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type Depth
Rubber 18

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: 18 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? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

FILE ID

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 Michael C Hoelscher (Type or print) **WELL DRILLER'S LICENSE NO.** 02409 SQ # WF

ADDRESS 11385 FM 765 (Street or RFD) San Angelo (City) TX (State) 76899 (Zip)

(Signed) Michael C Hoelscher (Licensed Well Driller) **(Signed)** _____ (Registered Driller Trainee)

EWA MAY 08 1999 TEMP

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 29: HIST

Map ID: 29		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101683**
Well Address: TX		**Rel. Loc.: 0.41mi E**
Completion Date: 1999-03-23		**Drill Depth: 200.0**
Owner: Michael Biggerstaff		**Elevation: 1870.08 ft (+2.07 ft)**

Send original copy by certified return receipt requested mail to: **TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-**

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** Michael Biggers Tract (Name) **ADDRESS** PO 381 Wall (Street or RFD) ~~San Angelo~~ (City) Texas (State) (Zip)

2) **ADDRESS OF WELL:** County Tom Green 5702 Loop (Street, RFD or other) Wall, Texas (City) (State) (Zip) **GRID #** 43-46-2

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) 31-22-17

6) **WELL LOG:**
Date Drilling: Started 3-23 19 99 Completed _____ 19 ___

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8	Surface	20
6	20	200

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

100-17-59

N

From (ft.)	To (ft.)	Description and color of formation material
Surface	3	Top Soil
3	55	Red Clay
55	100	White Lime
100	128	Conglomerate
128	140	Blue Lime & Clay
140	150	Red Clay
150	165	Blue Lime & Shale
165	200	Gray Lime & Shale
water	118-128	160

(Use reverse side of Well Owner's copy, 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
6		PVC	Surface	200	
		Slotted	100	200	.035

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from Surface ft. to 18 ft. No. of sacks used 7
_____ ft. to _____ ft. No. of sacks used _____
Method used Cement Slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination 100
Method of verification of above distance Landowner

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

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]

14) **WELL TESTS:**
Type test: ☐ Pump ☐ Bailer ☐ ~~Jetted~~ ☐ ~~Estimated~~
Yield: 40 gpm with _____ ft. drawdown after _____ hrs.

11) **WATER LEVEL:**
Static level 100 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? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ ~~No~~

12) **PACKERS:** Type Depth
Rubber 18'

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 Michael C Hoelscher (Type or print) **WELL DRILLER'S LICENSE NO.** 2340 WF

ADDRESS 11385 FM 765 (Street or RFD) San Angelo (City) (State) (Zip)

(Signed) Michael C Hoelscher (Licensed Well Driller) **(Signed)** _____ (Registered Driller Trainee)

FILE ID SEQ EMP # MAY 26 1999 DESC CO COMMENT TEMP

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 30: HIST

Map ID: 30		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101682**
Well Address: TX		**Rel. Loc.: 0.42mi E**
Completion Date: 1999-03-01		**Drill Depth: 200.0**
Owner: Michael Biggerstaff		**Elevation: 1870.08 ft (+2.07 ft)**

Send original copy by certified return receipt requested mail to: **TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-**

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

Well

1) **OWNER** Michael Biggerstaff (Name) **ADDRESS** P.O. 381 (Street or RFD) ~~San Angelo~~ (City) Texas (State) (Zip)

2) **ADDRESS OF WELL:** County Tom Green Loop 570 (Street, RFD or other) Wall (City) Texas (State) (Zip) **GRID #** 43-46-2

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) 31-22-24, 0
100-18-00, 8
N

6) **WELL LOG:**
Date Drilling:
Started 3-1 19 99
Completed _____ 19 ___

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8	Surface	20
6	20	200

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
Surface	8	Top Soil
8	55	Red Clay
55	62	Gravel & Clay
62	100	White Lime
100	124	Conglomerant
124	130	Yellow Lime
130	137	Blue Lime
137	152	Red Clay
152	168	Blue Lime & Shale
168	200	Gray Lime & Shale

Water 100 137 155 168 175
(Use reverse side of Well Owner's copy, 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	New	PVC	Surface	200	
		SLOTTED	100	200	035

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from Surface ft. to 20 ft. No. of sacks used _____
_____ ft. to _____ ft. No. of sacks used _____
Method used Cement Slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination N/A
Method of verification of above distance Landowner

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 100 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type Depth
Rubber 18

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? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ ~~No~~

FILE ID

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 Michael C Hoelscher (Type or print) **WELL DRILLER'S LICENSE NO.** 0024090

ADDRESS 11385 FM 765 (Street or RFD) San Angelo (City) Texas (State) (Zip)

(Signed) Michael C Hoelscher (Licensed Well Driller) **(Signed)** _____ (Registered Driller Trainee)

EMP # SEQ
MAY 06 1999
COMMENTS

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 31: HIST

Map ID: 31		**Source: TCEQ**
Grid Number: 43-38-8	**HIST - Historical Water Well**	**Banks ID: 4845101704**
Well Address: TX		**Rel. Loc.: 0.42mi E**
Completion Date: 1999-03-24		**Drill Depth: 200.0**
Owner: Michael Biggerstaff		**Elevation: 1870.08 ft (+2.07 ft)**

Send original copy by certified return receipt requested mail to: TNRCC, MC 177, P.O. Box 13087, Austin, TX 7871[illegible]7

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** Michael Biggerstaff (Name) **ADDRESS** P.O. 384 (Street or RFD) Wall (City) ~~San Angelo~~ Texas (State) (Zip)

2) **ADDRESS OF WELL:** County Tom Green 5702 Loop (Street, RFD or other) Wall, Texas (City) (State) (Zip) **GRID #** 43-38-8

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) 31-22-20 100-17-57 N

6) **WELL LOG:** **Date Drilling:** Started 3-24 19 99 Completed _____ 19 ___

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8	Surface	20
6	20	200

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
Surface	4	Top Soil
4	68	Red Clay
68	100	White lime
100	128	Conglomerate
128	140	Blue Clay & Lime
140	150	Red Clay
150	180	Blue Lime & Shale
180	200	Grey Lime & Shale

Wat 118, 155, 160, 165, 185 *(Use reverse side of Well Owner's copy, 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		PVC	Surface	200	
		Slotted	100	200	.020

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from Surface ft. to 18 ft. No. of sacks used 8
_____ ft. to _____ ft. No. of sacks used _____
Method used Cement Slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination 100 ft.
Method of verification of above distance Landowner

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 100 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type Depth
Rubber 18

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: 100 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? _____ 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 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Michael C Hoelscher (Type or print) **WELL DRILLER'S LICENSE NO.** 02409

ADDRESS 11385 FM 765 (Street or RFD) San Angelo (City) (State) Texas (Zip)

(Signed) Michael C Hoelscher (Licensed Well Driller) **(Signed)** _____ (Registered Driller Trainee)

FILE ID
EMP #
MAY 06 1999
COMMENT
DESC CO
1-yes
TYP

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 32: HIST

Map ID: 32		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101678**
Well Address: TX		**Rel. Loc.: 0.43mi SW**
Completion Date: 1998-03-04		**Drill Depth: 180.0**
Owner: Lavern Schniers		**Elevation: 1870.08 ft (+2.07 ft)**

Send original copy by certified return receipt requested mail to: **TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-**

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas WELL REPORT

N.E

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** Lavern Schoiers (Name) **ADDRESS** FM 765 (Street or RFD) San Angelo (City) (State) (Zip)

2) **ADDRESS OF WELL:** County Tom Green Woods Rd (Street, RFD or other) Well, Texas (City) (State) (Zip) **GRID #** 43-46-2

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) 31-21-60

100-18-43

N

6) **WELL LOG:**
Date Drilling:
Started 3-4 19 98
Completed _____ 19 ___

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
13	Surface	18
10	18	180

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
Surface	3	Top Soil
3	50	Red Clay
50	75	White Lime
75	95	Red Clay
95	130	Conglomerant
130	150	Blue Lime
150	180	Gray Lime & Shale
Wat	100-115	135

(Use reverse side of Well Owner's copy, 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
10"		PVC	Surface	18	
8"		PVC	Surface	180	
		Perf	80	180	1/2"

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from Surface ft. to 18 ft. No. of sacks used 10
_____ ft. to _____ ft. No. of sacks used _____
Method used cement slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination 300 ft.
Method of verification of above distance Landowner

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 90 ft. below land surface Date _____ SEO #
Artesian flow _____ gpm. Date _____

12) **PACKERS:** None

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? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ ~~No~~

FILE ID
FMP # Type Depth
MAR 20 1998
COMMENT

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 Michael C Hoelscher (Type or print) **WELL DRILLER'S LICENSE NO.** 02409 WJ

ADDRESS 11385 FM Hwy 765 (Street or RFD) San Angelo (City) Texas (State) (Zip)

(Signed) Michael C Hoelscher (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 35: HIST

Map ID: 35		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101670**
Well Address: TX		**Rel. Loc.: 0.44mi SW**
Completion Date: 1996-08-01		**Drill Depth: 160.0**
Owner: Dusty Day		**Elevation: 1870.08 ft (+2.07 ft)**

Sites in Map ID 35 Cluster

Dataset	Well Name	Well Address	Page #
HIST		TX	133
HIST		TX	135
HIST		TX	137

Send original copy by certified mail to: TNRCC, P.O. B... 3087, 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** Dusty Day (Name) **ADDRESS** Woods Rd San Angelo Texas (Street or RFD) (City) (State) (Zip)

2) **ADDRESS OF WELL:** County Tom Green Woods Rd San Angelo Tx (Street, RFD or other) (City) (State) (Zip) **GRID #** 43-46-2

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) Lat 31-22-00 Long 100-18-44 N

6) **WELL LOG:**
Date Drilling: Started 8-1 19 96 Completed _____ 19 ___

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8	Surface	20
6	20	160

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
Surface	3	Top Soil
3	6	Caliche
6	50	Red Clay
50	100	White Lime
100	120	Conglomerate
120	150	Blue Limy Shale
150	160	Blue & Red Clay
Water	110-120	140

(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	New	PVC Well Casing	Surface	160	
		Perf	60	160	3/8

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from Surface ft. to 18 ft. No. of sacks used 8
_____ ft. to _____ ft. No. of sacks used _____
Method used Cement Slurry
Cemented by Drillr
Distance to septic system field lines or other concentrated contamination 160 ft.
Method of verification of above distance Landowner

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 100 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) **PACKERS:**

Type	Depth
Rubber	18

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 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? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ ~~No~~

RECEIVED
SEP 16 1997
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

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 Michael C Hoelscher (Type or print) **WELL DRILLER'S LICENSE NO.** 02409

ADDRESS 11385 FM Hwy 765 (Street or RFD) San Angelo Texas (City) (State) (Zip)

(Signed) Michael C Hoelscher (Licensed Well Driller) **(Signed)** _____ (Registered Driller Trainee)

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

TNRCC-0199 (Rev. 11-01-94)

TNRCC COPY

Map ID 35: HIST

Map ID: 35		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101767**
Well Address: TX		**Rel. Loc.: 0.44mi SW**
Completion Date: 1996-08-01		**Drill Depth: 54.0**
Owner: Kenneth Gunter		**Elevation: 1870.08 ft (+2.07 ft)**

Sites in Map ID 35 Cluster

Dataset	Well Name	Well Address	Page #
HIST		TX	133
HIST		TX	135
HIST		TX	137

Send original copy by certified mail to: TNRCC, P.O. L .3087, 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** Kennth Gunter (Name) **ADDRESS** 26 W Concho (Street or RFD) San Angelo (City) Texas (State) (Zip)

2) **ADDRESS OF WELL:** County Tom Green Main ST (Street, RFD or other) Christoval, Texas (City) (State) (Zip) **GRID #** 43-46-02

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) KAT 31-22-00 Long 100-18-44W

6) **WELL LOG:** Date Drilling Started 8- 1996 Completed ____ 19 ____

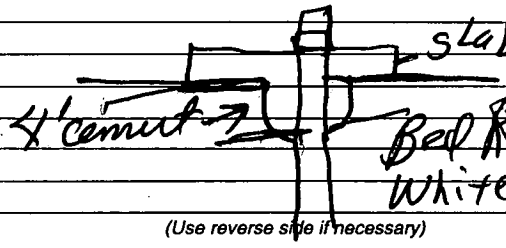
DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
6"	Surface	541'

7) **DRILLING METHOD (Check):** ☐ Driven ☐ Air Rotary ☐ Mud Rotary ☐ Bored ☐ Air Hammer ☐ Cable Tool ☐ Jetted ☐ Other UNKNOWN

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

Steel Casing in Well
Yield 20 gpm
New Surface Completion



(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
6"		Steel Pipe Surface		54	
		Perf.	33	54'	

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from Surface ft. to 4 ft. No. of sacks used 10
ft. to ____ ft. No. of sacks used ____
Method used Cement Slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination 90 ft.
Method of verification of above distance Landowner Plat

RECEIVED SEP 16 1996 TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

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

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]

14) **WELL TESTS:** Type test: ☒ ~~Pump~~ ☐ Bailer ☐ Jetted ☒ ~~Estimated~~
Yield: 20 gpm with ____ ft. drawdown after ____ hrs.

11) **WATER LEVEL:** Static level 33 ft. below land surface Date 8-96
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? Sulfar Depth of strata ____
Was a chemical analysis made? ☐ Yes ☒ No

12) **PACKERS:** Type Depth
Unknown

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 Michael C Hoelscher (Type or print) **WELL DRILLER'S LICENSE NO.** 02409WF

ADDRESS 11385 FM Hwy 765 (Street or RFD) San Angelo (City) Texas (State) 76905 (Zip)

(Signed) Michael C Hoelscher (Licensed Well Driller) **(Signed)** ____ (Registered Driller Trainee)

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

TNRCC-0199 (Rev. 11-01-94) TNRCC COPY

Map ID 35: HIST

Map ID: 35		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101769**
Well Address: TX		**Rel. Loc.: 0.44mi SW**
Completion Date: 1996-08-01		**Drill Depth: 40.0**
Owner: Kenneth Gunter		**Elevation: 1870.08 ft (+2.07 ft)**

Sites in Map ID 35 Cluster

Dataset	Well Name	Well Address	Page #
HIST		TX	133
HIST		TX	135
HIST		TX	137

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 Kenneth Gunter (Name) ADDRESS 26 W. Concho (Street or RFD) San Angelo (City) Texas (State) (Zip)

2) ADDRESS OF WELL: County Tom Green Main St. (Street, RFD or other) Christoval (City) Texas (State) (Zip) GRID # 43-46-02

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

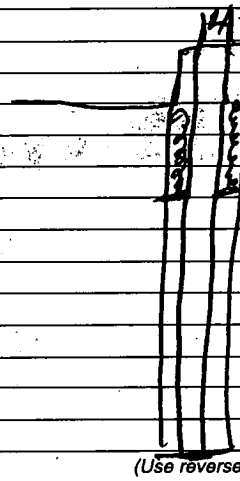
5) Lat 31-22-00 Long 100-18-44 NW

6) WELL LOG: Date Drilling: Started 8-1 1996 Completed _____ 19__

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
6	Surface	40

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

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


4"
2"
2"
4"
4"
4

Map ID 36: HIST

Map ID: 36		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101666**
Well Address: TX		**Rel. Loc.: 0.45mi E**
Completion Date: 2000-09-25		**Drill Depth: 210.0**
Owner: Marvin Dierschke		**Elevation: 1873.36 ft (+5.35 ft)**

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

OWNER INFORMATION DATA

Name	Address	City	State	Zip
Marvin Dierschke	8494 Hawk AVE	San Angelo	Texas	76905

LOCATION

County	Physical Address	City	State	Zip
Tom Green	U.S. 87	Wall, ~~Texas~~	Texas	76957

3) Type of Work ☒ New Well ☐ Deepening ☐ Reconditioning

Lat. 31 | 22 | 11.5 Long 100 | 17 | 57.0 Grid # 43-46-2

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↑

6) Drilling Date
Started 9 / 25 / 2000
Completed / /

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
13	Surface	18
10	18	210

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
Surface	5	Top Soil
5	55	Red Clay
55	65	White lime & Gravel
65	100	Red Clay
100	118	Conglomerant
118	125	Yellow lime
125	140	~~Red~~ Clay Black
140	157	Red Clay
157	160	Blue Lime & Shale
160	210	Gray Lime & Shale

(Use reverse side of Well Owner's copy, If necessary)

Water 110-133 157-160

8) Borehole Completion ☐ Open Hole ☒ ~~Straight Wall~~ ☐ Under-reamed ☐ Gravel Packed ☐ Other
If Gravel Packed give the 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
10"		PVC	Surface	18	
8"		PVC	Surface	210	
		Perf	100	210	

9) Cementing Data
Cementing from Surface ft. to 18 ft. # of sacks used 9
ft. to ft. # of sacks used
Method Used Cement Slurry
Cementing By Dalla
Distance to septic system field or other concentrated contamination ft.
Method of verification of above distance Landowner

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

10) Surface Completion
☒ ~~Specified~~ Surface Slab Installed
☐ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

14) Typepump
☐ Turbine ☐ Jet ☒ ~~Submersible~~ ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc., 190 ft.

15) Water Test
Typetest ☐ Pump ☐ Bailer ☐ ~~Jetted~~ ☐ ~~Estimated~~
Yield: 100 gpm with ft. drawdown after hrs.

11) Water Level
Static level 100 ft. below Date / /
Artesian Flow gpm. Date / /

16) Water Quality
Did you knowingly penetrate and strata which contain undesirable constituents.
☐ YES ☐ ~~NO~~ If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water Depth of Strata
Was a chemical analysis made ☐ Yes ☐ No

12) Packers None

FILE ID Type Depth
RECD NOV 0 5 2000

Company or individual's Name (type or print) Michael C Hoelscher

Address 11385 FM 765 City San Angelo State TX Zip 76905

Signature Michael C Hoelscher / / Signature / /
Licensed Driller/Pump Installer Date Approved Date

TDLR FORM 001WWD White - TDLR Yellow - Owner Pink - Driller/Pump Installer

Map ID 37: HIST

Map ID: 37		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101684**
Well Address: TX		**Rel. Loc.: 0.46mi E**
Completion Date: 1999-03-25		**Drill Depth: 200.0**
Owner: Michael Biggerstaff		**Elevation: 1870.08 ft (+2.07 ft)**

Send original copy by certified return receipt requested mail to: **TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711**

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** Michael Biggerstaff (Name) **ADDRESS** P.O. 381 (Street or RFD) ~~Seminole~~ Wall (City) Texas (State) (Zip)

2) **ADDRESS OF WELL:** County Tom Green 5202 OOP (Street, RFD or other) Wall, Texas (City) (State) (Zip) **GRID #** 43-46-2

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) 31-22-21
100-17-57
N

6) **WELL LOG:**
Date Drilling:
Started 3-25 19 99
Completed _____ 19 ____

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8	Surface	20
6	20	200

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
Surface	3	Top Soil
3	68	Red Clay
68	100	White Lime
100	128	Conglomerate
128	140	Blue Lime & Clay
140	150	Red Clay
150	200	Blue Shale

Water 118-120 / 155-162
(Use reverse side of Well Owner's copy, 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	New	PVC	Surface	200	
5	Slotted		100	200	.020

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from ~~Surface~~ ft. to 18 ft. No. of sacks used 6
_____ ft. to _____ ft. No. of sacks used _____
Method used ~~cement~~ slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination 100 ft.
Method of verification of above distance Landowner

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 100 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type Depth
Rubber 18'

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? _____ 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 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Michael C Hoelscher (Type or print) **WELL DRILLER'S LICENSE NO.** 02409

ADDRESS 11385 FM 765 (Street or RFD) San Angelo (City) TX (State) 76905 (Zip)

(Signed) Michael C Hoelscher (Licensed Well Driller) **(Signed)** _____ (Registered Driller Trainee)

FILE ID SEQ # EMP # DESC CO DAY YEAR COMMENT TEMP

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 41: HIST

Map ID: 41		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101690**
Well Address: TX		**Rel. Loc.: 0.47mi NE**
Completion Date: 2000-09-21		**Drill Depth: 200.0**
Owner: Donald Wilde		**Elevation: 1870.08 ft (+2.07 ft)**

Attention Owner: Confidentiality Privilege Notice on reverse side of owner's copy.

Texas Department of License and Regulation

Water Well Driller/Pump Installer Program
P.O. Box 12157 Austin, Texas 78711 (512)463-7880 FAX (512)463-8616
Toll free (800)803-9202
Email address: water.well@license.state.tx.us

This form must be completed and filed with the department and owner within 60 days upon completion of the well.

WELL REPORT

OWNER'S WELL LOCATION DATA

Name	Address	City	State	Zip
Donald Wilde	Loop 510	Weell	Texas	

WELL LOCATION

County	Physical Address	City	State	Zip
Tom Green	Loop 510	Wall, Texas	Tx	

Lat. 31 | 22 | 27 Long. 100 | 17 | 59 Grid # 43-46-2

3) Type of Work
☒ New Well ☐ Deepening ☐ Reconditioning

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↑

6) Drilling Date
Started 9 / 21 / 00
Completed / /

Diameter of Hole

Dia.(in)	From (ft)	To (ft)
8	Surface	20
6	20	200

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
Surface	5	Top Soil
5	55	Red Clay
55	65	Conglomerate
65	80	Red Clay
80	98	White Lime
98	127	Conglomerate
127	147	Red Clay
147	160	Blue Lime & Clay
160	200	Gray Lime & Shale

(Use reverse side of Well Owner's copy, If necessary)

8) Borehole Completion ☐ Open Hole ☒ Straight Wall ☐ Under-reamed ☐ Gravel Packed ☐ Other
If Gravel Packed give the 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	New	PVC	Surface	100	
	New	SLOT Feed	100	200	

9) Cementing Data
Cementing from Surface ft. to 18 ft. # of sacks used
ft. to ft. # of sacks used
Method Used Cement Slurry
Cementing By Driller
Distance to septic system field or other concentrated contamination 120
Method of verification of above distance Landowner

10) Surface Completion
☐ Specified Surface Slab Installed
☒ Specified Surface Sleeve Installed
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

11) Water Level
Static level 100 ft. below Date / /
Artesian Flow gpm. Date / /

12) Packers

Type	Depth

13) Plugged ☐ Well plugged within 48 hours
Casing left in well: Cement/Bentonite placed in well:

From (ft)	To (ft)	From (ft)	To (ft)	Sacks used

14) Typepump
☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder
☐ Other
Depth to pump bowls, cylinder, jet etc., ft.

15) Water Test
Typetest ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: 30 gpm with ft. drawdown after hrs.

16) Water Quality
Did you knowingly penetrate and strata which contain undesirable constituents.
☐ YES ☒ NO If yes, did you submit a REPORT OF UNDESIRABLE WATER
Type of water Depth of Strata
Was a chemical analysis made ☐ Yes ☒ No

FILE ID
SEQ #
EMP #
NOV 08 2000
COMMENT

Company or individual's Name (type or print)	Michael C Hoelscher		
Address 1385 FM 765	City San Angelo	State TX	Zip
Signature Michael C Hoelscher Licensed Driller/Pump Installer	/ / Date	Signature	/ / Date

TDLR FORM 001WWD White - TDLR Yellow - Owner Pink - Driller/Pump Installer

Map ID 42: HIST

Map ID: 42		**Source: TCEQ**
Grid Number: 43-38-8	**HIST - Historical Water Well**	**Banks ID: 4845101706**
Well Address: TX		**Rel. Loc.: 0.48mi E**
Completion Date: 1999-03-26		**Drill Depth: 200.0**
Owner: Michael Biggerstaff		**Elevation: 1870.08 ft (+2.07 ft)**

Send original copy by certified return receipt requested to: **TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711**

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** Michael Biggerstaff (Name) **ADDRESS** P.O. 381 (Street or RFD) Wall (City) Texas (State) (Zip)

2) **ADDRESS OF WELL** County Tom Green Loop 570 (Street or RFD or other) Wall, Texas (City) (State) (Zip) **GRID #** 43-38-8

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) 31-22-22

6) **WELL LOG:** **Date Drilling:** Started 3-26 19 99 Completed _____ 19 ___

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8	Surface	20
6	20	200

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

100-17-56

N

From (ft.)	To (ft.)	Description and color of formation material
Surface	3	Top Soil
3	54	Red Clay
54	100	Gravel & White Lime
100	127	Conglomerate
127	140	Blue Lime & Clay
140	150	Red Clay
150	175	Blue Lime & Shale
175	200	Gray Lime & Shale
Water	110-120	155 162

(Use reverse side of Well Owner's copy, 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"	New	PVC	Surface	200	
	Used	SLOTTED	100	200	

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from Surface ft. to 18 ft. No. of sacks used 6
_____ ft. to _____ ft. No. of sacks used _____
Method used convert & slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination 100'
Method of verification of above distance Landowner

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 100 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type: Rubber Depth: 18

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: 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? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☐ No

FILE NO. SEQ
EMP # MAY 04 WELL 1999 DESC CO
COMMENT PUMP

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 Michael C Hoelscher (Type or print) **WELL DRILLER'S LICENSE NO.** 2204

ADDRESS 11385 FM 765 (Street or RFD) San Angelo (City) Texas (State) (Zip)

(Signed) Michael C Hoelscher (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 43: HIST

Map ID: 43		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101780**
Well Address: TX		**Rel. Loc.: 0.49mi E**
Completion Date: 1990-02-20		**Drill Depth: 210.0**
Owner: Donald Wilde		**Elevation: 1870.08 ft (+2.07 ft)**

Send original copy by certified mail to: Texas Water[illegible]nission, 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 Ronald Wilde (Name) ADDRESS PO Box 300 (Street or RFD) Wall (City) Texas (State) (Zip)

2) LOCATION OF WELL County Tom Green . 1/4 miles in E & S T (NE, SW, etc.) direction from Wall (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. 58 Block No. _____ Township _____ Abstract No. 2003 Survey Name SPRR Co Dist 11
Distance and direction from two intersecting section or survey lines From North East Corner 600 feet West then 630 feet South
☐ 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 ☐ De-Watering

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

6) WELL LOG:
Date Drilling: Started 2-20 19 90 Completed _____ 19 __

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
11	Surface	18
9 7/8	18 -	210

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
Surface	6	Top Soil
6	58	Red Clay
58	90	White Lime
90	130	Conglomerant
130	140	Yellow Lime & Clay
140	145	Red Clay
145	210	Blue Lime
Wat 75	105	120 140 158 162

(Use reverse side if necessary)

RECEIVED JUN 14 1990 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
18		IPS PVC 125 PSI	Surface	18	
8		IPS 80 PSI	Surface	210	
		Perf.	140	210	

CEMENTING DATA [Rule 287.44(1)] None
Cemented from _____ ft. to _____ ft. No. of Sacks Used _____
_____ ft. to _____ ft. No. of Sacks Used _____
Method used _____
Cemented by _____

9) SURFACE COMPLETION
☒ Specified Surface Slab Installed [Rule 287.44(2)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

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

14) WELL TESTS:
Type Test: ☐ Pump ☐ Baller ☐ Jetted ☒ Estimated
Yield: 350 gpm with _____ ft. drawdown after _____ hrs.

11) WATER LEVEL:
Static level 65 ft. below land surface Date 2-20-90
Artesian flow _____ gpm. Date _____

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

12) PACKERS: Type None Depth

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 Michael C Haelscher (Type or print) WELL DRILLER'S LICENSE NO. 02409 W

ADDRESS 11385 FM Hwy 765 (Street or RFD) San Angelo (City) Texas (State) (Zip)

(Signed) Michael C Haelscher (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. 43-46-2 Located on map _____

WWD-012 (Rev. 09/21/88)

TEXAS WATER COMMISSION COPY

Map ID 49: HIST

Map ID: 49		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101761**
Well Address: TX		**Rel. Loc.: 0.51mi E**
Completion Date: 1985-03-28		**Drill Depth: 76.0**
Owner: Mr. Felix Book		**Elevation: 1873.36 ft (+5.35 ft)**

STATE OF TEXAS WATER WELL REPORT

1) Owner: Book, Mr. Felix Address: P.O. Box 334 City: San Angelo State: TX ZIP: 76902-0334

2) LOCATION OF WELL:
County: Tom Green 12 miles in S.E direction from San Angelo, Texas

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: New Well

4) PROPOSED USE: Domestic

5) DRILLING METHOD: Air Rotary

6) WELL LOG:

DIAMETER OF HOLE

DIAMETER	FROM	TO
6 1/2"	0'	76'

7) BOREHOLE METHOD:
Open Hole
IF GRAVEL... FROM FT TO FT

Date Drilled: 03/28/85

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	Soil
3	9	Clay
9	11	Calichie
11	50	Lime
50	56	Lime, broken
"	"	Water
56	70	Clay
70	76	Shale, blue

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

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE	CASING	SCREEN

9) CEMENTING DATA:
Cemented from FT. TO FT.
FT. TO FT.
Method used:
Cemented by:

10) SURFACE COMPLETION:

11) WATER LEVEL:
STATIC LEVEL : 0 FT. DATE 03/28/85
ARTESIAN FLOW: GPM. DATE / /

12) PACKERS:

TYPE	DEPTH

13) TYPE PUMP: None
DEPTH TO PUMP:

14) WELL TEST:
Bailer
YIELD: 20 GPM WITH FT DRAWDOWN AFTER HRS

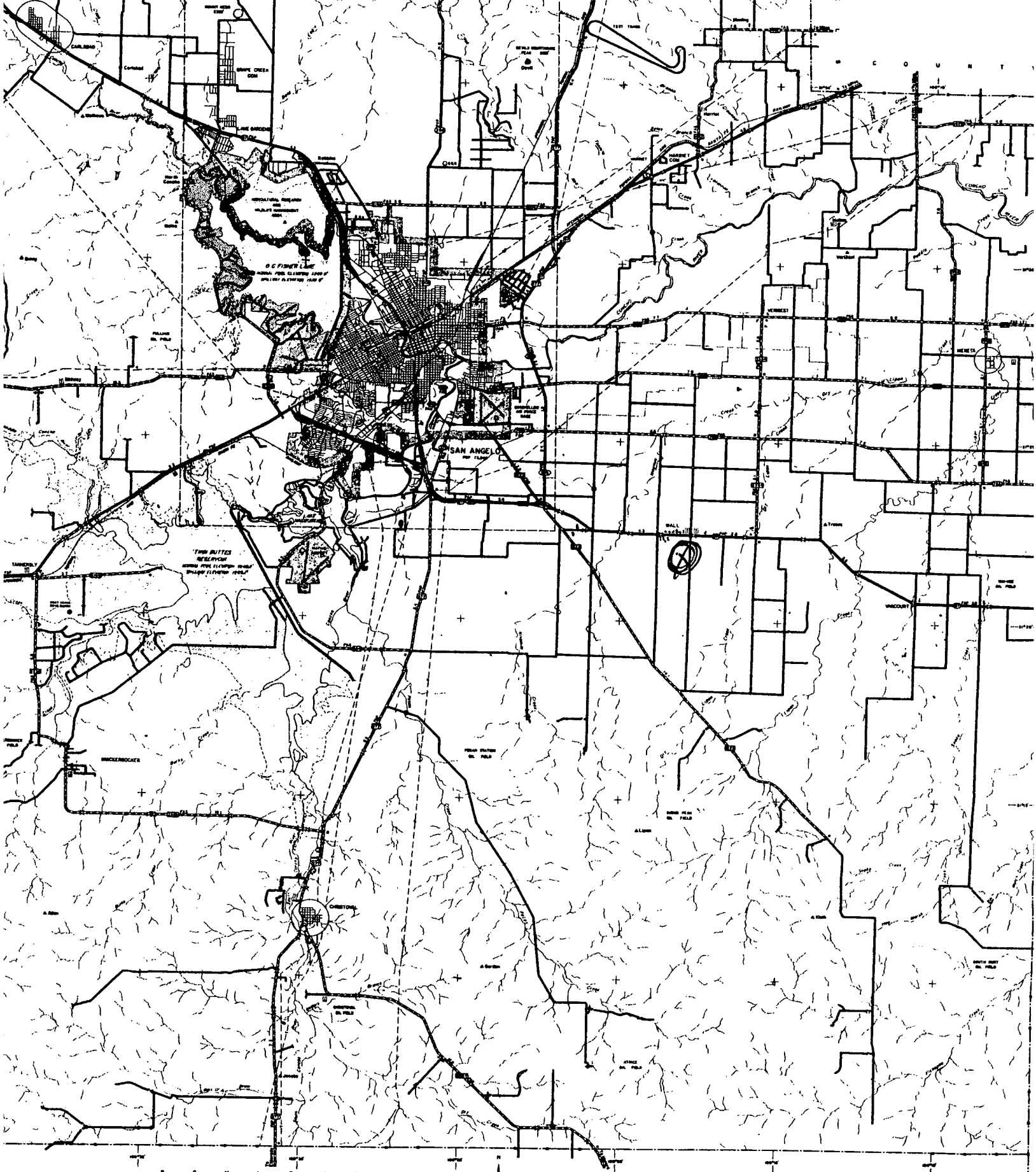
15) WATER QUALITY:
TYPE OF WATER: DEPTH OF STRATA:
NO STRATA OF UNDESIRABLE WATER PENETRATED

NO CHEMICAL ANALYSIS MADE

COMPANY NAME: Curtis Drilling Company WATER WELL DRILLER'S LICENSE NO.: 292
ADDRESS: P.O. Box 1173 CITY: San Angelo STATE: TX ZIP CODE: 76902

(signed) Danny F. Curtis (signed)

SEP 26 1985
TEXAS WATER COMMISSION



EEN COUNTY

EXAS

980

IBUS FIGURES

ID TO AUGUST 1, 1982

KEY TO BASE SHEETS

KEY TO SUPPLEMENTARY SHEETS

NOTICE

Map ID 50: HIST

Map ID: 50		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101689**
Well Address: TX		**Rel. Loc.: 0.52mi E**
Completion Date: 2000-07-11		**Drill Depth: 200.0**
Owner: Michael Hirt		**Elevation: 1870.08 ft (+2.07 ft)**

Send original copy by certified return receipt requested to: **TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711**

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

76957

1) **OWNER** Mitchel Hirt (Name) **ADDRESS** Loop 510 (Street or RFD) Wall (City) Texas (State) (Zip)

2) **ADDRESS OF WELL** County Tom Green (Street, RFD or other) San Angelo (City) (State) (Zip) **GRID #** 43-46-2

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) 31-22-23
100-17-54
N

6) **WELL LOG:**
Date Drilling: Started 7-11 2000 Completed _____ 19 ____

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8	Surface	18
6	18	200

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
Surface	3	Topsoil
3	58	Red Clay
58	95	White lime
95	120	Conglomerate
		Loss Circulation
Water	120	155-165
		172

(Use reverse side of Well Owner's copy, 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	New	PVC	Surface	200	
		Slotted	100	200	

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from Surface ft. to 18 ft. No. of sacks used 6
ft. to _____ ft. No. of sacks used _____
Method used Cement Slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination 110
Method of verification of above distance Landowner

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]

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.

11) **WATER LEVEL:**
Static level 120 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? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

12) **PACKERS:**

Type	Depth
Rubber	

SEO
FILE ID
DESC CD
CMP #
SEP 19 2000
ASSIGNMENT

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 Michael C Hoelscher (Type or print) **WELL DRILLER'S LICENSE NO.** 02409WF

ADDRESS 11385 FM 765 (Street or RFD) San Angelo (City) Texas (State) 76905 (Zip)

(Signed) Michael C Hoelscher (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 55: HIST

Map ID: 55		**Source: TCEQ**
Grid Number: 43-38-8	**HIST - Historical Water Well**	**Banks ID: 4845101751**
Well Address: TX		**Rel. Loc.: 0.56mi E**
Completion Date: 1995-02-18		**Drill Depth: 180.0**
Owner: Frank Gully		**Elevation: 1870.08 ft (+2.07 ft)**

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** Frank Gully (Name) **ADDRESS** 8261 FM Hwy 765 (Street or RFD) San Angelo (City) (State) (Zip)

2) **ADDRESS OF WELL:** County ~~Tom Green~~ 2½ N of Wall (Street, RFD or other) (City) (State) (Zip) **GRID #** 43-38-8

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)

6) **WELL LOG:**
Date Drilling: Started 2-18 19 95 Completed _____ 19 ____

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
12¾	Surface	18
10	18	180

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

N

From (ft.)	To (ft.)	Description and color of formation material
Surface	3	Top Soil
3	29	Red Clay
29	40	Conglomerant
40	45	Red Clay
45	60	Conglomerant
60	75	Red Clay
75	90	Blue Clay
90	100	Conglomerant
100	180	Blue Clay Shale

From S.E Corner 1500 ft 221 North

Water 50, 55-60, 75-78, 100, 118, 160
(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
10"	New	PVC Sch 40	Surface	18	
8"	New	PVC	Surface	180	
	New	Perf	40	180	.12

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from Surface ft. to 18 ft. No. of sacks used 10
_____ ft. to _____ ft. No. of sacks used _____
Method used Cemented
Cemented by Gully
Distance to septic system field lines or other concentrated contamination _____ ft.
Method of verification of above distance Landowner

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 45 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type Depth
None

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: 90 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? _____ 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 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Michael C Hoelscher (Type or print) **WELL DRILLER'S LICENSE NO.** 02409

ADDRESS 11385 FM Hwy 765 (Street or RFD) San Angelo (City) Texas (State) (Zip)

(Signed) Michael C Hoelscher (Licensed Well Driller) **(Signed)** _____ (Registered Driller Trainee)

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

RECEIVED
FEB 27 1995
TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

TNRCC-0199 (Rev. 11-01-94) TNRCC COPY

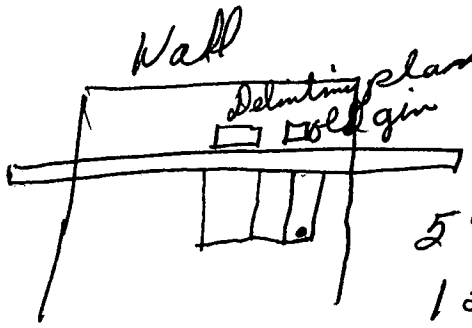
Map ID 60: HIST

Map ID: 60		**Source: TCEQ**
Grid Number: 43-38-8B	**HIST - Historical Water Well**	**Banks ID: 4845101801**
Well Address: TX		**Rel. Loc.: 0.58mi NE**
Completion Date: 1965-07-01		**Drill Depth: 136.0**
Owner: Charlie Becker		**Elevation: 1866.80 ft (-1.21 ft)**

_____ miles in _____ direction
NE, SW, etc.

from _____
Town

Should be 43-46-2--
R Preston



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: Cable tool Diameter of hole 6 in. Date drilled July 65

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	3	top Soil			
3	20	Clay			
20	104	Hard clay			
104	114	Gravel Rock			
114	126	Clay			
126	136	Blue clay			

(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)
5" Plastic	136'	

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.

Calvin F Hockaday
Signature

_____
Company Name

Reg. No. 792

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 101'
ft. below surface

Pumping level

feet	hours	gpm

Pump type _____
Designed pumping rate _____ gpm ☐ gph ☐
Type power unit _____
Horsepower _____
Depth to bowls, cylinder, jet, etc., _____ ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company: _____

C-34 (62-4)

L Ew

Map ID 63: HIST

Map ID: 63		**Source: TCEQ**
Grid Number: 43-38-8	**HIST - Historical Water Well**	**Banks ID: 4845101699**
Well Address: TX		**Rel. Loc.: 0.59mi N**
Completion Date: 1988-11-03		**Drill Depth: 160.0**
Owner: Larry Book		**Elevation: 1860.24 ft (-7.78 ft)**

#1 ☑ 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 11-3 1988 Completed 11-3 1988

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8"	Surface	20
6½"	20	160

From (ft.)	To (ft.)	Description and color of formation material
0	3	black
3	57	brown clay
57	69	brown lime
69	80	brown clay
80	91	soft white clay
91	93	yellow lime
	92	little water
93	97	white lime
97	103	gravel & conglomerate
		water
103	105	brown clay
105	117	yellow lime
117	140	blue lime & shale
140	145	brown shale
145	160	gray "
	152	Bredk water

RECEIVED
NOV 7 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 Screen
5"		PVC 160#	+2	120	
		saw slotted	60	120	

9) **CEMENTING DATA** [Rule 319.44(b)]

Cemented from +2 ft. to 15 ft. No. of Sacks Used 6

_____ ft. to _____ ft. No. of Sacks Used _____

Method used Poured From Top

Cemented by Lange Drlg. Co.

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 140 ft. below land surface Date _____

Artesian flow _____ gpm. Date _____

12) **PACKERS:**

Type	Depth
rubber	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: 100 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 Lange Drlg. Co. (Type or Print) Water Well Driller's License No. 1524

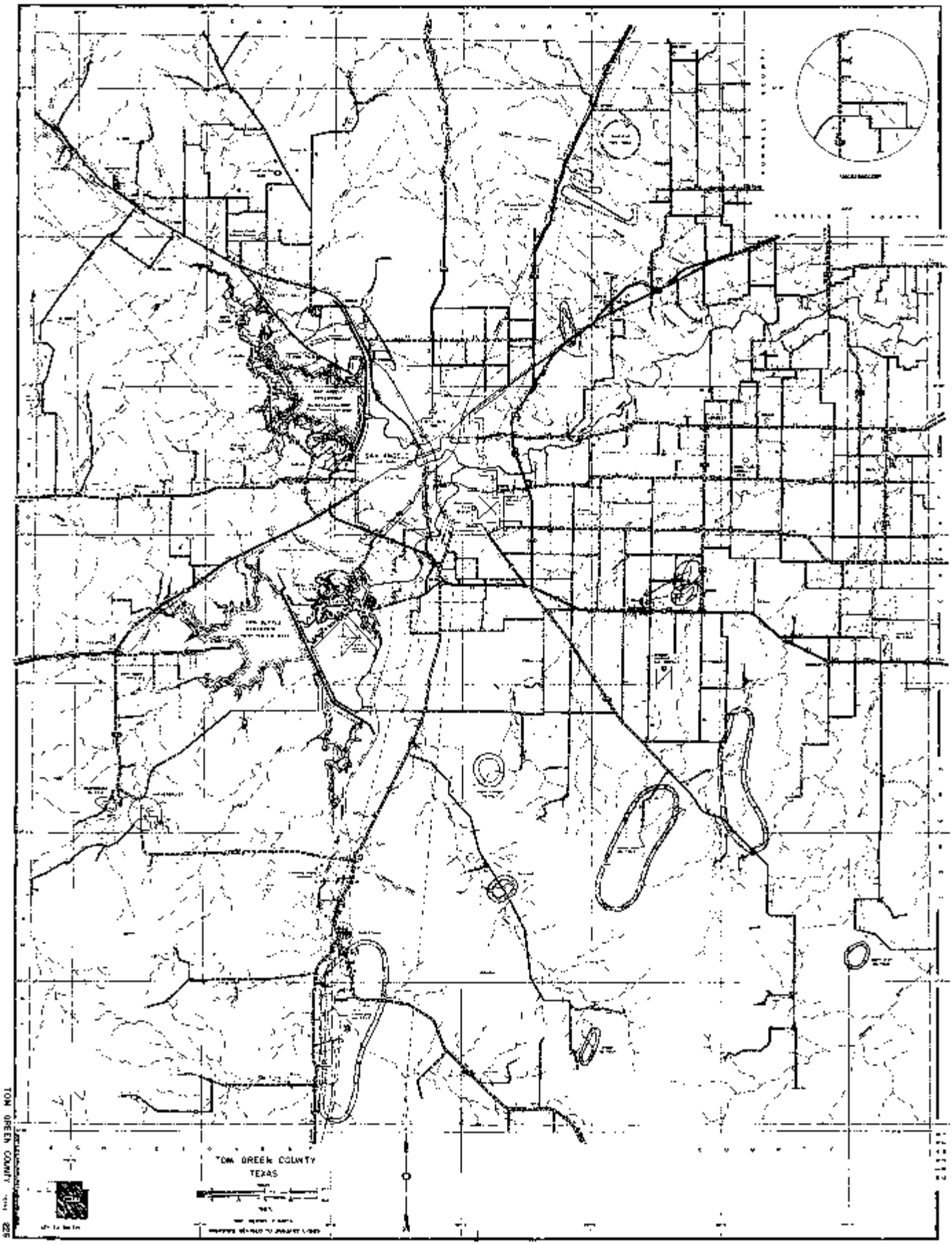
ADDRESS Box 283 (Street or RFD) Rowena (City) TX (State) 76875 (Zip)

(Signed) Bill Lange (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. 43-38-8
Located on map _____

WWD-012 (Rev.01-28-87) TEXAS WATER COMMISSION COPY



TOM GREEN COUNTY
225

Map ID 66: HIST

Map ID: 66		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101691**
Well Address: TX		**Rel. Loc.: 0.60mi E**
Completion Date: 1999-10-31		**Drill Depth: 190.0**
Owner: St Ambrose Church		**Elevation: 1870.08 ft (+2.07 ft)**

Send original copy by certified return receipt requested to: TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3

ATTENTION OWNER: *Confidentiality Privilege Notice 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

7695?

1) **OWNER** St. Ambrose Church (Name) **ADDRESS** P.O. 228 (Street or RFD) Wall (City) Texas (State) (Zip)

2) **ADDRESS OF WELL** County Tom Green 8602 Loop 570 Wall, Texas 76957 (Street, RFD or other) (City) (State) (Zip) **GRID #** 43-46-2

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) 31-22-28 / 100-17-5

6) **WELL LOG:** Date Drilling: Started 10-31 19 99 Completed _____ 19 ____

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
10	Surface	125
6	125	190

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
		Cleaned out to 125'
125	150	Red Clay
150	170	Blue Lime
170	190	Blue Shale
190	200	Blue Clay
		Water 170

(Use reverse side of Well Owner's copy, 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
8"		Steel	Surface	125	
5"		PVC			
5	SLO	Tank	160	190	.010

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from Surface ft. to 18 ft. No. of sacks used 6
_____ ft. to _____ ft. No. of sacks used _____
Method used Cement Slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination 150 ft.
Method of verification of above distance Landowner

13) **TYPE PUMP:** ☐ Turbine ☐ Jet ☒ Submersible ☐ Cylinder ☐ Other _____
Depth to pump bowls, cylinder, jet, etc., 1 1/2hp ft.

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]

14) **WELL TESTS:** Type test: ☐ Pump ☐ Bailer ☒ Jetted ☒ Estimated
Yield: 100 gpm with _____ ft. drawdown after _____ hrs.

11) **WATER LEVEL:** Static level 100 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? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

12) **PACKERS:** Type Depth
Rubber 18'

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 Michael C Hoelscher (Type or print) **WELL DRILLER'S LICENSE NO.** 02409WF

ADDRESS 11385 FM 765 (Street or RFD) San Angelo (City) Texas (State) 76905 (Zip)

(Signed) Michael C Hoelscher (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 77: HIST

Map ID: 77		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101779**
Well Address: TX		**Rel. Loc.: 0.64mi S**
Completion Date: 1990-02-21		**Drill Depth: 210.0**
Owner: Donald Wilde		**Elevation: 1879.92 ft (+11.91 ft)**

Send original copy by certified mail to: Texas Wat .nmission, 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 Donald Wilde (Name) ADDRESS P.O. Box 300 (Street or RFD) Wall (City) Texas (State) (Zip)

2) LOCATION OF WELL: County Tom Green 1/4 miles in S E (NE, SW, etc.) direction from Wall (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. 58 Block No. _____ Township _____ Abstract No. 8003 Survey Name SPRRCO Dist 11
Distance and direction from two intersecting section or survey lines From S.W Corner 558 feet North then 156 feet East
☐ 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 ☐ De-Watering

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

6) WELL LOG:
Date Drilling: Started 2-21 1990 Completed _____ 19__

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
11	Surface	18
9 7/8	18	210

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
Surface	6	Top Soil
6	58	Red Clay
58	100	White Lime
100	125	Conglomerant
125	138	Yellow Lined Clay
138	141	Blue Lined Clay
141	158	Red Clay
158	210	Blue Lime
Water at 78	105 125 150	(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
10"		IRS PVC 125 PSI	Surface	18	
8"		IP 80 PSI PVC			
		Perf.			

9) CEMENTING DATA [Rule 287.44(1)] None
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 287.44(2)(A)]
☐ Pitless Adapter Used [Rule 287.44(3)(B)]
☐ Approved Alternative Procedure Used [Rule 287.71]

11) WATER LEVEL:
Static level 65 ft. below land surface Date 2-21-90
Artesian flow _____ gpm. Date _____

12) PACKERS: Type None 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: 350 gpm with _____ ft. drawdown after _____ hrs.

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

RECEIVED
JUN 14 1990
TEXAS WATER COMMISSION

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 Michael C Hoelscher (Type or print) WELL DRILLER'S LICENSE NO. 02409W

ADDRESS 11385 FM Hwy 765 (Street or RFD) San Angelo (City) Texas (State) (Zip)

(Signed) Michael C Hoelscher (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. 43-46-2 Located on map _____

WWD-012 (Rev. 09/21/88)

TEXAS WATER COMMISSION COPY

Map ID 78: HIST

Map ID: 78		**Source: TCEQ**
Grid Number: 43-46-2L	**HIST - Historical Water Well**	**Banks ID: 4845101818**
Well Address: TX		**Rel. Loc.: 0.64mi W**
Completion Date: 1983-12-07		**Drill Depth: 160.0**
Owner: Gilbert Kubanek		**Elevation: 1863.52 ft (-4.49 ft)**

well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

#2

Distance and direction from two intersecting section or survey lines _____

☑ See attached map. mapon 43-38-6K

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 12-7-83

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
8 3/4	Surface	20
7 7/8"	20	160

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	2	black
2	65	brown clay
70		water
65	100	brown lime
100	122	yellow lime
107	165	water
122	150	blue shale
150	160	brown "

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
6"		PVC 100# perf 3/8" holes	0	160	
			70	160	

CEMENTING DATA
Cemented from 0 ft. to 10 ft.
Method used poured from top
Cemented by Lange Drlg Co.
(Company or Individual)

9) WATER LEVEL:
Static level 7 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Rubber Depth 10 ft

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JAN 23 1984
DEPT. OF WATER RESOURCES

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: 200 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 Lange Drlg. Co. (Type or Print) Water Well Driller's License No. 1524

ADDRESS Box 283 (Street or RFD) Bowena (City) TX (State) 76875 (Zip)

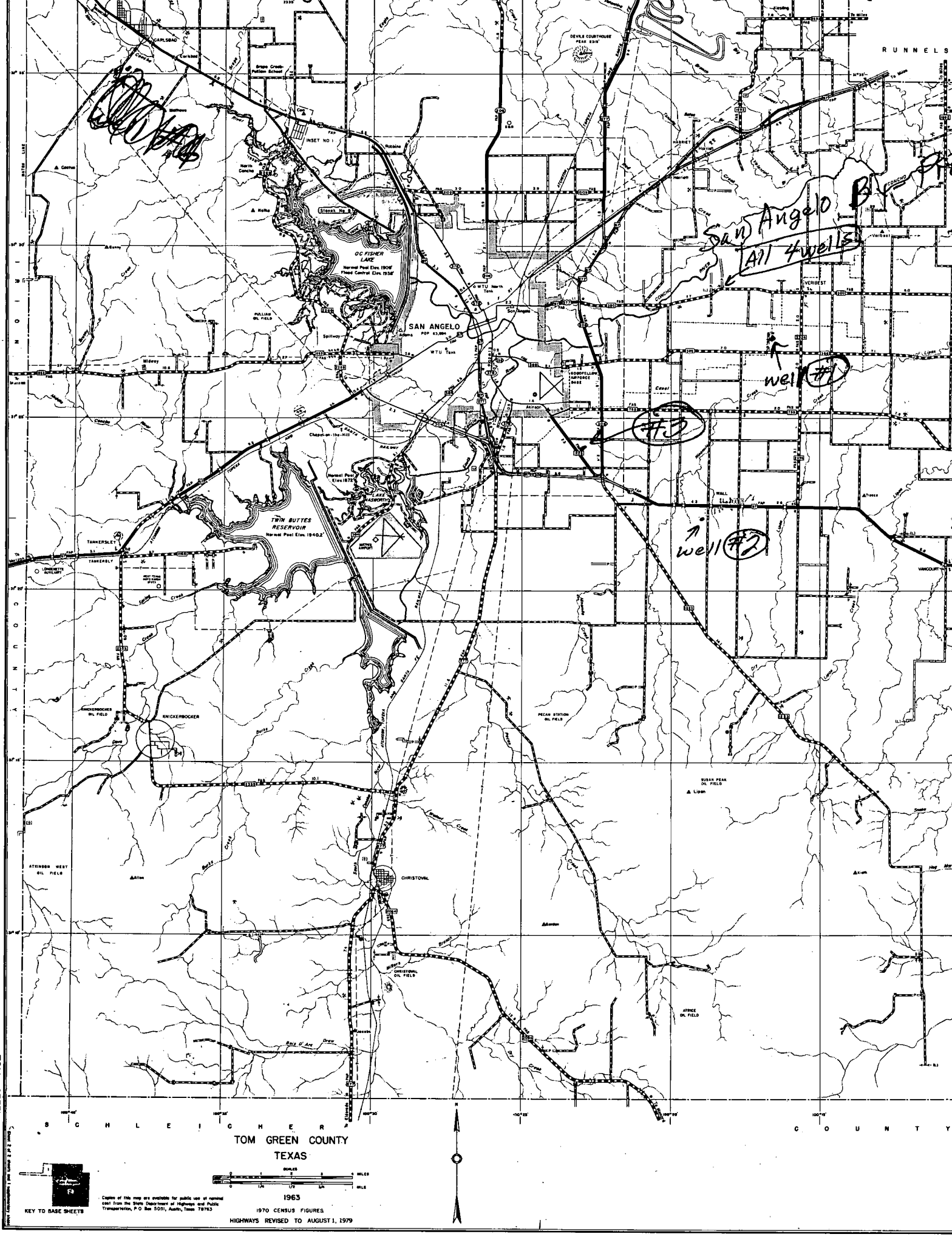
(Signed) Bill Lange (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

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

For TDWR use only
Well No. 43-46-21
Located on map YES C.F.S.

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

DEPARTMENT OF WATER RESOURCES COPY


SAN ANGELO
POP 63,884
OC FISHER LAKE
Normal Pool Elev. 1908'
Flood Control Elev. 1938'
TWIN BUTTES RESERVOIR
Normal Pool Elev. 1940.2'
LAKE NASWORTHY
Normal Pool Elev. 1872'
WTU North Tank
WTU Tank
MOSCOW
CARLSBAD
TANKERSLEY
KNICKERBOCKER
CHRISTOVAL
VERIBEST
RUNNELS
COUNTY
San Angelo
(All 4 wells)
well #1
well #2
#3
#4
TOM GREEN COUNTY
TEXAS
1963
1970 CENSUS FIGURES
HIGHWAYS REVISED TO AUGUST 1, 1979
KEY TO BASE SHEETS
Copies of this map are available for public use at nominal cost from the State Department of Highways and Public Transportation, P.O. Box 5051, Austin, Texas 78763

Map ID 87: HIST

Map ID: 87		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101673**
Well Address: TX		**Rel. Loc.: 0.66mi W**
Completion Date: 1998-01-14		**Drill Depth: 155.0**
Owner: Harvey Wilde		**Elevation: 1863.52 ft (-4.49 ft)**

Send original copy by certified return receipt requested mail to: **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** Harvey W. Ide (Name) **ADDRESS** So. U.S. 87 (Street or RFD) San Angelo (City) Tex (State) (Zip)

2) **ADDRESS OF WELL:** County Tom Green Woods Rd (Street, RFD or other) San Angelo (City) Texas (State) (Zip) **GRID #** 43-46-2

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) Lat 10 31-22-[illegible] Long 100-19-03 N

6) **WELL LOG:** **Date Drilling:** Started 1-14 19 98 Completed _____ 19 ___

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
13	Surface	18
10	18	155

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
Surface	3	Top Soil
3	52	Red Clay
52	120	White Lime + Clay
120	125	Conglomerate
125	155	Blue Lime + Clay

Wtr 110-125
(Use reverse side of Well Owner's copy, 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
10"	New	PVC	Surface	18	
6"	New	PVC Plain	Surface	155	
			100	155	.12"

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from Surface ft. to 18 ft. No. of sacks used 10
_____ ft. to _____ ft. No. of sacks used _____
Method used Cement Slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance Landowner

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 70 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type _____ Depth _____
None

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: 300 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? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

FILE # _____ Date _____ SEQ # _____
GMA # _____ MAR 20 1998

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 Michael C Hoelscher (Type or print) **WELL DRILLER'S LICENSE NO.** 02409 WI

ADDRESS 11385 FM Hwy 765 (Street or RFD) San Angelo (City) Texas (State) (Zip)

(Signed) Michael C Hoelscher (Licensed Well Driller) **(Signed)** _____ (Registered Driller Trainee)

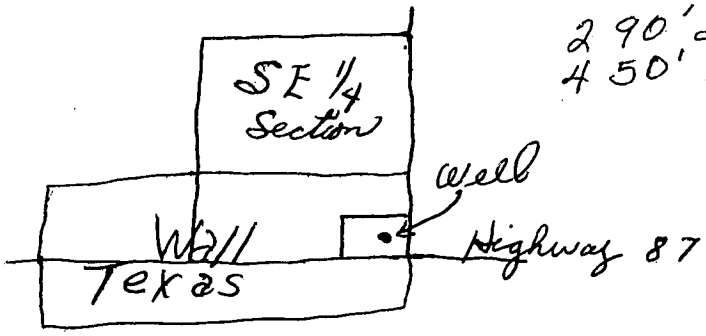
Please attach electric log, chemical analysis, and other pertinent information, if available.

TNRCC-0199 (Rev. 05-21-96) *White - TNRCC Yellow - DRILLER Pink - WELL OWNER*

Map ID 92: HIST

Map ID: 92		**Source: TCEQ**
Grid Number: 43-38-8A	**HIST - Historical Water Well**	**Banks ID: 4845101802**
Well Address: TX		**Rel. Loc.: 0.68mi NE**
Completion Date: 1965-02-02		**Drill Depth: 137.0**
Owner: St Ambrose Catholic Church		**Elevation: 1866.80 ft (-1.21 ft)**

1/4 miles in East direction (NE, SW, etc.)
from Wall (Town)



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: Cabletool Diameter of hole 6 in. Date drilled Feb. 2, 65

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	3	Top Soil			
3	18	Clay			
18	60	Shale + clay			
60	120	Concrete Gravel Rock			
120	123	Clay			
123	127	Gravel (water)			
127	137	Clay			
					(Use continuation sheets if necessary)

COMPLETION DATA

COMPLETION

Straight wall ☐
Under reamed ☐
Gravel packed ☐
Open hole ☐
Other Cased with Galvanized Casing

CASING

Type: Old ☐ New ☒
~~Cemented from~~ _____ ft.
to _____ ft.

Diameter (inches)	Setting from (ft)	Setting to (ft)
5 5/8 O.D.	Surface	137'

SCREEN

Type _____
Perforated ☒ Slotted ☐

Diameter (inches)	Setting from (ft)	Setting to (ft)
5 5/8 O.D.	85	137

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.

Calvin F Hoelscher (Signature) _____ (Company Name) Reg. No. 792

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 100 ft. below Surface

Pumping level

feet	hours	gpm

Pump type Submersible
Designed pumping rate 35 gpm ☒ gph ☐
Type power unit _____
Horsepower _____
Depth to bowls, cylinder, jet, etc., 127 ft. below pump base.

Name of contractor testing well or installing permanent pump if other than your company: R.C. Hoelscher

C-34 (62-4)

Map ID 101: HIST

Map ID: 101		**Source: TCEQ**
Grid Number: 43-38-8	**HIST - Historical Water Well**	**Banks ID: 4845101708**
Well Address: TX		**Rel. Loc.: 0.71mi NE**
Completion Date: 1999-12-10		**Drill Depth: 200.0**
Owner: Larry Book		**Elevation: 1866.80 ft (-1.21 ft)**

Send original copy by certified return receipt reques ...il to: TNRCC, MC 177, P.O. Box 13087, Austin, TX 787 7

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** Larry Book (Name) **ADDRESS** 170535 U.S. 87 (Street or RFD) Vanourt (City) Texas (State) (Zip)

2) **ADDRESS OF WELL:** County Jim Brown Hawk Ave (Street, RFD or other) Wall (City) Texas (State) (Zip) **GRID #** 43-38-8

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) 31-22-39

6) **WELL LOG:**
Date Drilling: Started 12-16 19 99 Completed _____ 19 ____

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8	Surface	18
6	18	200

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

100-17-51 N

From (ft.)	To (ft.)	Description and color of formation material
Surface	5	Top Soil
5	55	Red Clay
55	80	White Lime
80	120	Conglomerant
120	142	Clay
142	165	Lime
165	180	Clay
180	200	Lime

Water 98, 120, 160

(Use reverse side of Well Owner's copy, 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	New	PVC	Surface	200	
		Slotted	90	200	.018

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from Surface ft. to 18 ft. No. of sacks used 6
_____ ft. to _____ ft. No. of sacks used _____
Method used Cement Slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance Landowner

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]

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.

11) **WATER LEVEL:**
Static level 98 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? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☒ No

12) **PACKERS:**

Type	Depth
Rubber	18

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 Michael C Hoelscher (Type or print) **WELL DRILLER'S LICENSE NO.** 2409

ADDRESS 1385 FM 765 (Street or RFD) San Angelo (City) Texas (State) 76901 (Zip)

(Signed) Michael C Hoelscher (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 104: HIST

Map ID: 104		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101672**
Well Address: TX		**Rel. Loc.: 0.72mi SW**
Completion Date: 1997-12-19		**Drill Depth: 175.0**
Owner: Harvey Wilde		**Elevation: 1866.80 ft (-1.21 ft)**

Send original copy by certified return receipt requested mail to: **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** Harvey Wilde (Name) **ADDRESS** So. US 87 (Street or RFD) Wall (City) Texas (State) (Zip)

2) **ADDRESS OF WELL** County Tom Green Woods Rd (Street, RFD or other) Wall (City) Texas (State) (Zip) **GRID #** 43-46-2

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) Lat 31-21-46.5 Long 100-18-52 N

6) **WELL LOG:**
Date Drilling: Started 12-19 1997 Completed _____ 19 ___

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
13	Surface	18
10	18	175

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
Surface	5	Top Soil
5	55	Red Clay
55	95	White Lime
95	~~100~~	Conglomerate +
~~100~~	125	Yellow Lime
125	150	Blue Lime & Shale
150	155	Red Clay
155	175	Gray Lime & Shale

Water at 97-121 137, 160
(Use reverse side of Well Owner's copy, 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
10	11	PVC	Surface	18	
8	11	PVC	Surface	175	
		Perf.	90	175	1/2

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from Surface ft. to 18 ft. No. of sacks used 10
_____ ft. to _____ ft. No. of sacks used _____
Method used Cement Slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance Landowner

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 80 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) **PACKERS:**

Type	Depth
None	

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FEB 04 1998

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: 300 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? _____ 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 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Michael C Hoelscher (Type or print) **WELL DRILLER'S LICENSE NO.** 02409WT

ADDRESS 11385 FM Hwy 765 (Street or RFD) San Angelo (City) Texas (State) (Zip)

(Signed) Michael C Hoelscher (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 106: HIST

Map ID: 106		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101702**
Well Address: TX		**Rel. Loc.: 0.72mi SW**
Completion Date: 1985-03-29		**Drill Depth: 74.0**
Owner: Mr. Felix Book		**Elevation: 1870.08 ft (+2.07 ft)**

STATE OF TEXAS WATER WELL REPORT

1) Owner: Book, Mr. Felix Address: P.O. Box 334 City: San Angelo State: TX ZIP: 76902-0334

2) LOCATION OF WELL:
County: Tom Green 12 miles in SE direction from San Angelo, Texas

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: New Well

4) PROPOSED USE: Domestic

5) DRILLING METHOD: Air Rotary

6) WELL LOG:

DIAMETER OF HOLE

DIAMETER	FROM	TO
8 1/2"	0'	74'

7) BOREHOLE METHOD: Open Hole
IF GRAVEL... FROM FT TO FT

Date Drilled: 03/29/85

GEOLOGICAL DESCRIPTION:

FROM	TO	DESCRIPTION
0	3	Soil
3	6	Calichie
6	17	Clay
17	42	Lime
42	63	Lime, broken
"	"	Water
63	74	Clay, blue

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

DIA	NEW/USED	DESCRIPTION	FROM	TO	GAGE CASING	GAGE SCREEN
7"	N	Plastic	0'	74'	.250	

9) CEMENTING DATA:
Cemented from 0 FT. TO 22 FT.
FT. TO FT.
Method used: By hand
Cemented by: Curtis Drilling Co

10) SURFACE COMPLETION:

11) WATER LEVEL:
STATIC LEVEL : 41' FT. DATE 03/29/85
ARTESIAN FLOW: GPM. DATE / /

12) PACKERS:

TYPE	DEPTH
Rubber packer	22'

13) TYPE PUMP: None
DEPTH TO PUMP:

14) WELL TEST:
Blowing with air
YIELD: 100 GPM WITH FT DRAWDOWN AFTER HRS

15) WATER QUALITY:
TYPE OF WATER: DEPTH OF STRATA:
NO STRATA OF UNDESIRABLE WATER PENETRATED

NO CHEMICAL ANALYSIS MADE

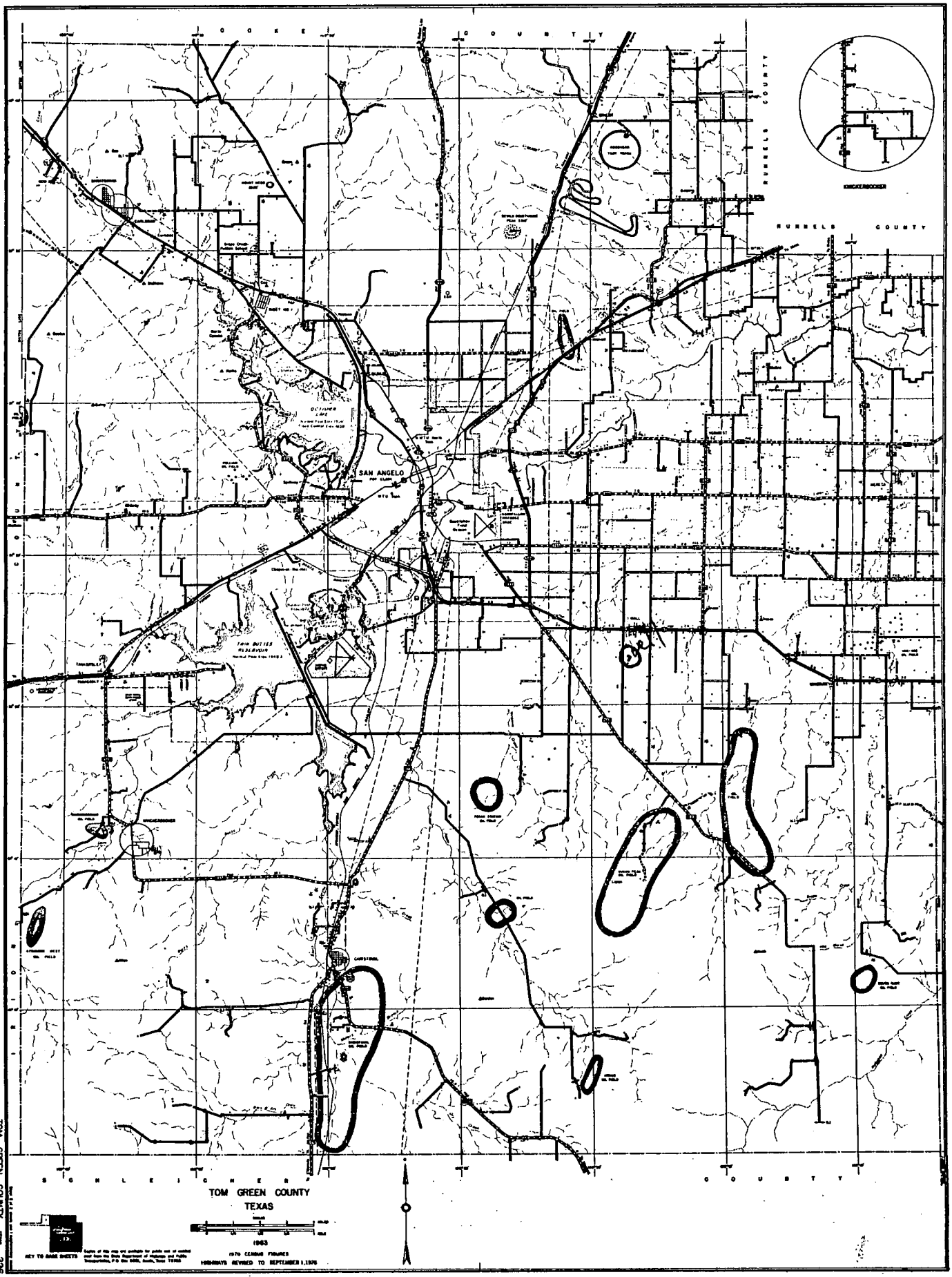
COMPANY NAME: Curtis Drilling Company WATER WELL DRILLER'S LICENSE NO.: 292
ADDRESS: P.O. Box 1173 CITY: San Angelo STATE: TX ZIP CODE: 76902

SEP 26 1985

(signed) Henry F. Curtis (signed)

TEXAS WATER COMMISSION

50



TOM GREEN COUNTY 226

Map ID 113: HIST

Map ID: 113		**Source: TCEQ**
Grid Number: 43-38-8	**HIST - Historical Water Well**	**Banks ID: 4845101712**
Well Address: TX		**Rel. Loc.: 0.74mi N**
Completion Date: 1997-08-14		**Drill Depth: 180.0**
Owner: Marvin Strube		**Elevation: 1860.24 ft (-7.78 ft)**

Send original copy by certified return receipt requeste ...l to: TNRCC, MC 177, P.O. Box 13087, Austin, TX 7871...

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** Marvin Strube (Name) **ADDRESS** P.O. 185 (Street or RFD) Wall (City) Texas (State) (Zip)

2) **ADDRESS OF WELL:** County Tom Green Bean Rd (Street, RFD or other) Wall (City) Texas (State) (Zip) **GRID #** 43-38 08

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) Lat 31-32-53
Long 100-18-17 N

6) **WELL LOG:**
Date Drilling: Started 8-14 19 97 Completed ____ 19 ____

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
12	Surface	18
10	18	180

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
Surface	6	Top Soil
6	50	Red Clay
50	70	White Lime
70	82	Red Clay
82	105	Gravel & Conglomerate
105	130	Blueish Limestone
130	150	Red Clay Blue
150	180	Blue Lime

Wet 85-90, 100, 115-117, 155
(Use reverse side of Well Owner's copy, 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
10"		PVC	Surface	18	

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from Surface ft. to 18 ft. No. of sacks used 9
____ ft. to ____ ft. No. of sacks used ____
Method used Cement Slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination ____ ft.
Method of verification of above distance Landowner

10) **SURFACE COMPLETION**
☒ Specified Surface Slab Installed [Rule 338.44(3)(A)]
☐ Specified Steel Sleeve Installed [Rule 338.44(3)(A)]
☐ Pitless Adapter Used [Rule 338.44(3)(D)]
☐ Approved Alternative Procedure Used [Rule 338.71]

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TEXAS NATURAL RESOURCE CONSERVATION COMMISSION

11) **WATER LEVEL:**
Static level 95 ft. below land surface Date ____
Artesian flow ____ gpm. Date ____

12) **PACKERS:**

Type	Depth
None	

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: ____ 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? ____ 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 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Michael C Hoelscher (Type or print) **WELL DRILLER'S LICENSE NO.** 02409

ADDRESS 11385 FM Hwy 765 (Street or RFD) San Angelo (City) Texas (State) (Zip)

(Signed) Michael C Hoelscher (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 114: HIST

Map ID: 114		**Source: TCEQ**
Grid Number: 43-38-8H	**HIST - Historical Water Well**	**Banks ID: 4845101717**
Well Address: TX		**Rel. Loc.: 0.74mi NW**
Completion Date: 1983-12-15		**Drill Depth: 160.0**
Owner: Frank Gerngross Jr.		**Elevation: 1856.96 ft (-11.06 ft)**

General Highway Map and attach the map to this form. #2

Distance and direction from two intersecting section or survey lines

☑ See attached map. Map on 43-38-8H

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 12/15/83

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8 3/4	Surface	20
7 7/8	20	160

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	3	black
3	45	brown clay
45	78	conglomerate
55		little water
69		water
77		water
78	94	yellow clay & lime
86		break
94	105	brown clay
105	110	yellow "
110	130	white lime
119		break
130	160	gray shale & lime

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
6"		PVC 100#	+2	160	
6"		perf 3/8" holes	50	160	

CEMENTING DATA
Cemented from 0 ft. to 20 ft.
Method used poured from top
Cemented by Lange Drlg. Co. (Company or Individual)

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

10) PACKERS: Type rubber Depth 205ft

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APR - 6 1984
DEPT. OF WATER RESOURCES

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: 250 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 Lange Drlg. Co. (Type or Print) Water Well Driller's License No. 1524

ADDRESS Box 283 (Street or RFD) Rowena (City) TX (State) 76875 (Zip)

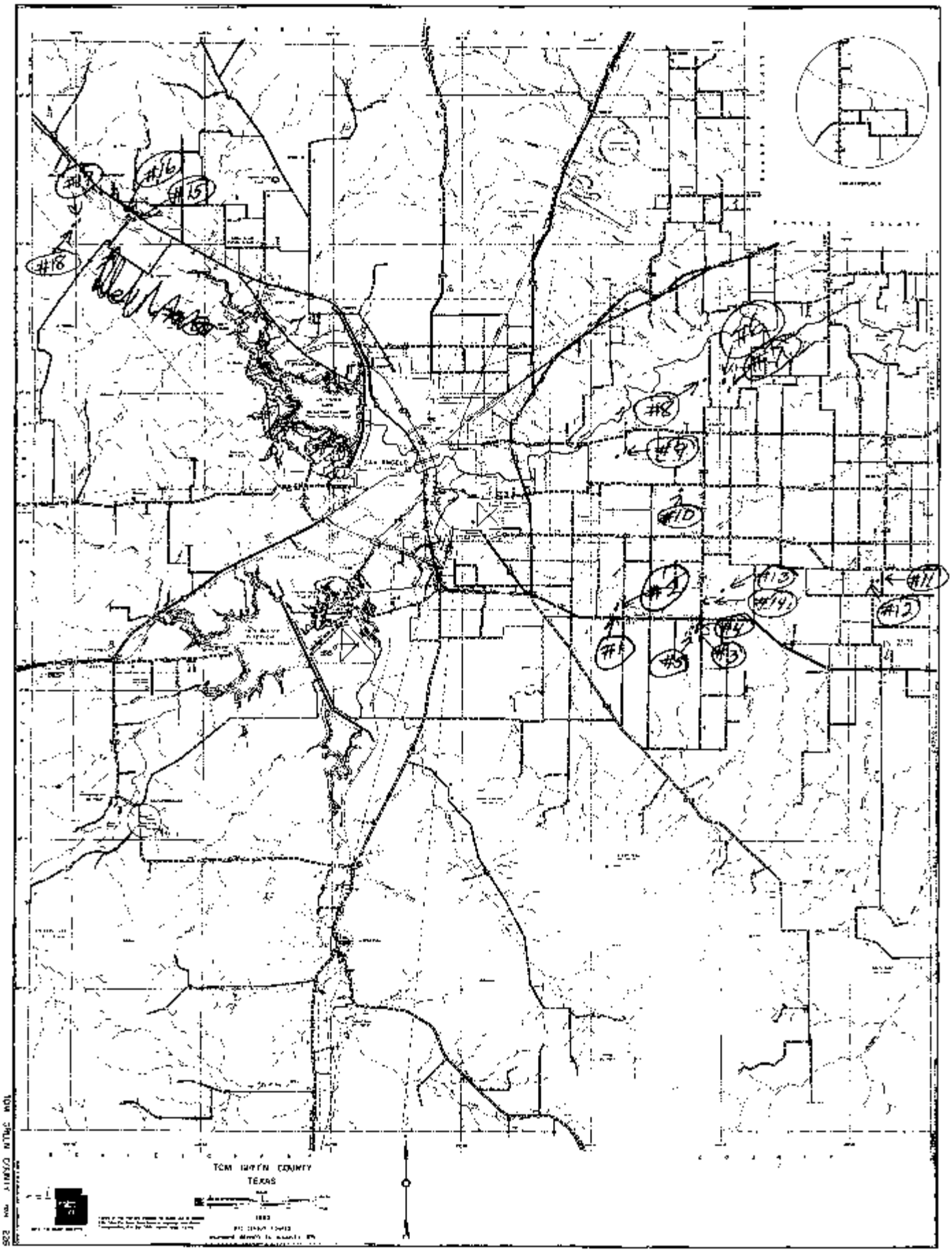
(Signed) Bill Lange (Licensed Water Well Driller) (Signed) ____ (Registered Driller Trainee) Dup

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

For TDWR use only
Well No. 43-38-8H
Located on map yes C.F.S.

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

DEPARTMENT OF WATER RESOURCES COPY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TOM GREEN COUNTY
TEXAS

Map ID 119: HIST

Map ID: 119		**Source: TCEQ**
Grid Number: 43-38-8	**HIST - Historical Water Well**	**Banks ID: 4845101722**
Well Address: TX		**Rel. Loc.: 0.75mi N**
Completion Date: 1998-06-22		**Drill Depth: 200.0**
Owner: Danial Strube		**Elevation: 1856.96 ft (-11.06 ft)**

#1

Send original copy by certified return receipt requeste[illegible]il to: **TNRCC, MC 177, P.O. Box 13087, Austin, TX 7871[illegible]**

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** Daniel Strube (Name) **ADDRESS** PO Box 196 (Street or RFD) Wall (City) TX (State) 76957 (Zip)

2) **ADDRESS OF WELL:** County Tom Green (Street, RFD or other) Hwy 67 (City) Wall (State) (Zip) **GRID #** 43-38-8

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) 31 22 54 / 100 18 20 N

6) **WELL LOG:**
Date Drilling: Started 6-22 19 98 Completed 6-22 19 98

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
11 5/8	Surface	13
7 7/8	13	200

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	4	top soil
4	8	caliche
8	62	red clay
62	110	limestone
110	126	greene clay
126	135	blue shale
135	143	red clay
143	200	blue shale

(Use reverse side of Well Owner's copy, 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
6	N	Plastic	0	120	
6	N	Perf	120	200	Y2

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from 0 ft. to 13 ft. No. of sacks used _____
_____ ft. to _____ ft. No. of sacks used _____
Method used Concrete mix
Cemented by Steam Latzel
Distance to septic system field lines or other concentrated contamination _____ ft.
Method of verification of above distance _____

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 110 ft. below land surface Date 6-22-98
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: 20 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? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ☑ No

FILE ID SEQ # LMP # DESC CO AUG 19 1998 COMMENT TEMP

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 Latzel Drilling Inc (Type or print) **WELL DRILLER'S LICENSE NO.** 5011

ADDRESS P.O. Box 11 (Street or RFD) Midkiff (City) TX (State) 79755 (Zip)

(Signed) _____ (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 122: HIST

Map ID: 122		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101674**
Well Address: TX		**Rel. Loc.: 0.76mi E**
Completion Date: 1998-05-19		**Drill Depth: 180.0**
Owner: Ida Walters		**Elevation: 1870.08 ft (+2.07 ft)**

Send original copy by certified return receipt requ... ail to: TNRCC, MC 177, P.O. Box 13087, Austin, TX 78... 87

ATTENTION OWNER: *Confidentiality Privilege Notice on on reverse side of Well Owner's copy (pink)*

State of Texas
WELL REPORT

8810

Texas Water Well Drillers Advisory Council
MC 177
P.O. Box 13087
Austin, TX 78711-3087
512-239-0530

1) **OWNER** Ida Walters (Name) **ADDRESS** Loop 570 (Street or RFD) Weeb (City) Texas (State) (Zip)

2) **ADDRESS OF WELL** County Tom Green 5, U.S. 87 (Street, RFD or other) Weeb (City) Texas (State) (Zip) **GRID #** 43-36-2

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) 31-22-89
100-47-4

6) **WELL LOG:**
Date Drilling: Started 5-19 19 58
Completed _____ 19 ____

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8	Surface	20
6	20	180

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

N

From (ft.)	To (ft.)	Description and color of formation material
Surface	5	Top Soil
5	55	Red Clay
55	95	White Lime
95	130	Conglomerate
130	140	Blue Clay
140	155	Red Clay
155	180	Blue Lime

Water 98, 110-130 150, 170
(Use reverse side of Well Owner's copy, 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	New	PVC	Surface	180	
		Perf	80	180	3/8

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from Surface ft. to 20 ft. No. of sacks used 7
_____ ft. to _____ ft. No. of sacks used _____
Method used Cement Slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination 100
Method of verification of above distance landowner

13) **TYPE PUMP:**
☐ Turbine ☐ Jet ~~☐ Submersible~~ ☐ Cylinder 1"
☐ Other ½ hp
Depth to pump bowls, cylinder, jet, etc., _____ ft.

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]

14) **WELL TESTS:**
Type test: ☐ Pump ☐ Bailer ~~☐ Jetted~~ ~~☐ Estimated~~
Yield: 30 gpm with _____ ft. drawdown after _____ hrs.

11) **WATER LEVEL:**
Static level 140 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? _____ Depth of strata _____
Was a chemical analysis made? ☐ Yes ~~☐ No~~

12) **PACKERS:**

Type	Depth
Rubber	20

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 Michael C Hoelscher (Type or print) **WELL DRILLER'S LICENSE NO.** 02409

ADDRESS 11385 FM 765 (Street or RFD) San Angelo (City) Texas (State) (Zip)

(Signed) Michael C Hoelscher (Licensed Well Driller) (Signed) _____ (Registered Driller Trainee)

FILE ID | SEQ # | EMP # | DESC CO | COMMENT

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 123: HIST

Map ID: 123		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101701**
Well Address: TX		**Rel. Loc.: 0.76mi SW**
Completion Date: 1987-04-27		**Drill Depth: 125.0**
Owner: Edwin Wilde		**Elevation: 1863.52 ft (-4.49 ft)**

☐ 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 4-27 1987 Completed 4-27 1987

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
	Surface	
10 3/4	0	14

From (ft.)	To (ft.)	Description and color of formation material
0	30	Br. Clay
30	34	Gravel
34	44	Br. Clay
44	62	Hard Rock + Gravel
62	68	Br. Clay
68	97	Rd. Bd.
97	105	Gray Clay
105	120	Blue Shale
120	125	Blue Clay

(Use reverse side if necessary)

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MAY 12 87
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	Gage Screen

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from 15 ft. to GL ft. No. of Sacks Used _____
_____ ft. to _____ ft. No. of Sacks Used _____
Method used Cement Mix
Cemented by O. W. Coleman

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 50 ft. below land surface Date 4-27-87
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: _____ 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 Coleman Rotary Air Water Well Inc. (Type or Print) Water Well Driller's License No. 1792

ADDRESS Stiles Star Rt. (Street or RFD) Big Lake (City) Texas (State) 76932 (Zip)

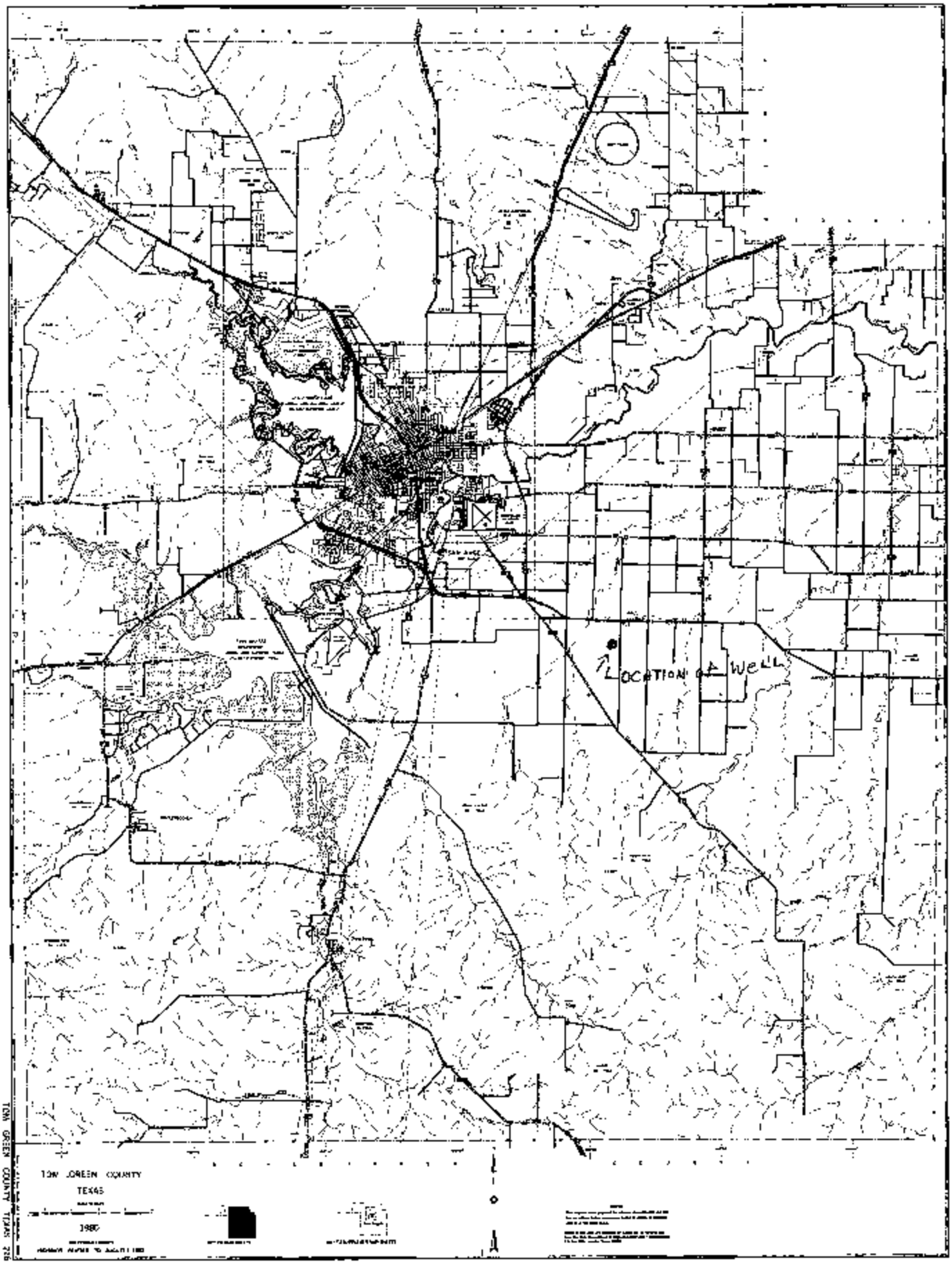
(Signed) O. W. Coleman (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

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

For TWC use only
Well No. 43-46-2
Located on map _____

TWC-0392 (Rev. 06-10-85) TEXAS WATER COMMISSION COPY

X



TOM GREEN COUNTY, TEXAS 219

Map ID 141: HIST

Map ID: 141		**Source: TCEQ**
Grid Number: 43-38-8	**HIST - Historical Water Well**	**Banks ID: 4845101700**
Well Address: TX		**Rel. Loc.: 0.81mi NW**
Completion Date: 1988-11-05		**Drill Depth: 140.0**
Owner: Larry Book		**Elevation: 1856.96 ft (-11.06 ft)**

#2 ☑ See attached map. on 43-38-8

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 11-4 1988 Completed 11-5 1988

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
12¼	Surface	20
10"	20	140

From (ft.)	To (ft.)	Description and color of formation material
0	2	black
2	43	brown clay
43	65	hard brown lime
50		little water
65	67	brown clay
67	70	conglomerate
70	87	white lime
87	95	yellow lime
94		water
95	99	white lime
99	106	conglomerate water
99-102		
106	107	brown clay
107	110	yellow "
110	118	conglomerate water
118	140	blue shale

RECEIVED
NOV 7 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 Screen
8"		PVC 100'	+2	140	
		perf 3/8" holes	80	140	

9) CEMENTING DATA [Rule 319.44(b)]

Cemented from +2 ft. to 15 ft. No. of Sacks Used 15
_____ ft. to _____ ft. No. of Sacks Used _____
Method used poured from top
Cemented by Lange Drlg. Co.

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 40 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) PACKERS:

Type	Depth
rubber	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: 200-300 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 Lange Drlg. Co. (Type or Print) Water Well Driller's License No. 1524

ADDRESS Box 283 (Street or RFD) Rowena (City) TX (State) 76875 (Zip)

(Signed) Bill Lange (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. 43-38-8
Located on map _____

WWD-012 (Rev.01-28-87) TEXAS WATER COMMISSION COPY

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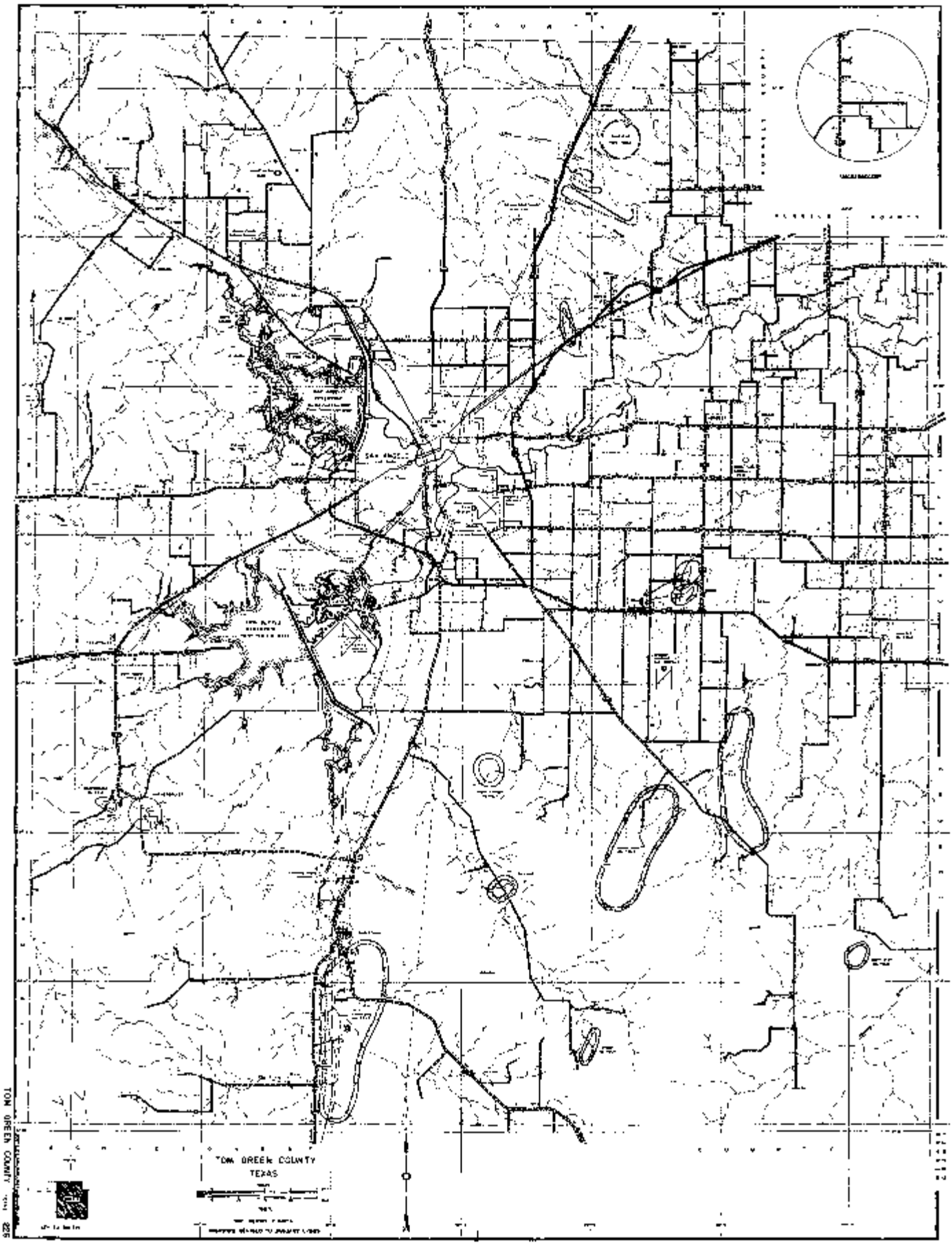

TOM GREEN COUNTY
225

Map ID 143: HIST

Map ID: 143		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101669**
Well Address: TX		**Rel. Loc.: 0.82mi S**
Completion Date: 1997-10-25		**Drill Depth: 175.0**
Owner: Monroe Dierschke		**Elevation: 1876.64 ft (+8.63 ft)**

Sites in Map ID 143 Cluster

Dataset	Well Name	Well Address	Page #
GWS	Monroe Dierschke Jr.	TX	67
HIST		TX	194

Send original copy by certified return receipt requested mail to: **TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-**

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** Monroe Dierschke (Name) **ADDRESS** P.O. Box 70 (Street or RFD) Wall (City) Texas (State) (Zip)

2) **ADDRESS OF WELL:** County Tom Green Woods Rd (Street, RFD or other) Wall (City) Texas (State) (Zip) **GRID #** 43-46-2

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) Lat 31-21-34
Long 100-18-38 N

6) **WELL LOG:**
Date Drilling:
Started 10-25 19 97
Completed _____ 19 ____

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
13	Surface	18
10	18	175

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
Surface	4	Top Soil
4	62	Red Clay
62	98	White Lime
98	183	Red Clay &
183	122	Conglomerate
122	129	Yellow Lime
129	142	Blue Lime & Clay
142	162	Red Clay
162	175	Gray Lime
Water	103-108	118, 128 137

(Use reverse side of Well Owner's copy, 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
10	New	PVC Well Casing	Surface	18	
8	New	PVC	Surface	175	
Plug			95	175	1/2"

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from Surface ft. to 18 ft. No. of sacks used 10
_____ ft. to _____ ft. No. of sacks used _____
Method used Cement Slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination _____ ft.
Method of verification of above distance Landowner

FILE ID SEQ #

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]

SMP # NOV 3 0 1997 DISC CD
COMPLIANT

11) **WATER LEVEL:**
Static level 90 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type Depth
None

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: 175 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? _____ 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 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Michael C Hoelscher (Type or print) **WELL DRILLER'S LICENSE NO.** 02409 WT

ADDRESS 11385 FM Hwy 765 (Street or RFD) San Angelo (City) Texas (State) (Zip)

(Signed) Michael C Hoelscher (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 146: HIST

Map ID: 146		**Source: TCEQ**
Grid Number: 43-46-2K	**HIST - Historical Water Well**	**Banks ID: 4845101819**
Well Address: TX		**Rel. Loc.: 0.83mi SW**
Completion Date: 1983-07-23		**Drill Depth: 117.0**
Owner: Dale Wilde		**Elevation: 1863.52 ft (-4.49 ft)**

Well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

Distance and direction from two intersecting section or survey lines _____

X See attached map.

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

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

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

6) WELL LOG:

Date drilled X 7-23-83

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
7⅞"	Surface	
	-	117

From (ft.)	To (ft.)	Description and color of formation material
0	4	TOP SOIL
4	57	RED CALICHE
57	95	YELLOW SHALE
95	114	" LIMESTONE
114	117	WATER IN GRAVEL + SAND

7) BOREHOLE COMPLETION:
☐ Open Hole X 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
6"	NEW	P.V.C. PIPE	0	77	
6"	"	P.V.C. PERFORATED	77	117	

CEMENTING DATA
Cemented from 0 ft. to 10 ft.
Method used 10' STEEL CASING CEMENTED
Cemented by _____ (Company or Individual)

9) WATER LEVEL:
Static level 65 ft. below land surface Date 7-23-83
Artesian flow 0 gpm. Date _____

10) PACKERS: Type Depth

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(Use reverse side if necessary)

11) TYPE PUMP:
☐ Turbine ☐ Jet ☐ Submersible ☐ Cylinder
☐ Other NO PUMP AT PRESENT TIME
Depth to pump bowls, cylinder, jet, etc., _____ ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted X Estimated
Yield: 200 gpm with 2 ft. drawdown after _____ hrs.

13) WATER QUALITY:
Did you knowingly penetrate any strata which contained undesirable water? ☐ 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.

COMPANY NAME DOROTIK GIN (Type or Print) Water Well Driller's License No. 2353

ADDRESS BOX 52 (Street or RFD) VAN COURT (City) TEX (State) 76955 (Zip)

(Signed) LeRoy Dorotik (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. 43-46-2K
Located on map XR S.C.F.S.

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

DEPARTMENT OF WATER RESOURCES COPY

Map ID 148: HIST

Map ID: 148		**Source: TCEQ**
Grid Number: 43-38-8H	**HIST - Historical Water Well**	**Banks ID: 4845101716**
Well Address: TX		**Rel. Loc.: 0.84mi NW**
Completion Date: 1983-12-15		**Drill Depth: 160.0**
Owner: Frank Gerngross Jr.		**Elevation: 1856.96 ft (-11.06 ft)**

General Highway Map and attach the map to this form. #1

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 12/15/83

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
8 3/4	Surface	20
7 7/8	20	160

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	2	black
2	42	brown clay
42	60	conglomerate
	57	little water
60	67	brown lime
67	87	yellow lime
	85	break 30-40gpm
87	94	yellow clay
94	105	brown shale
105	129	gray lime
	118	break
129	160	gray lime

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
		None			

CEMENTING DATA
Cemented from ~~0~~ 2 ft. to 20 ft.
Method used poured from top
Cemented by Lange Drlg. Co. (Company or Individual)

9) WATER LEVEL:
Static level 3 ft. below land surface Date _____
Artesian flow 1 gpm. Date _____

10) PACKERS: Type Depth
None

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(Use reverse side if necessary)

11) TYPE PUMP:
☐ Turbine ☑ Jet ☐ Submersible ☐ Cylinder
☐ Other None
Depth to pump bowls, cylinder, jet, etc., _____ ft.

12) WELL TESTS:
☐ Type Test: ☐ Pump ☐ Bailer ☐ Jetted ☑ Estimated
Yield: 40-50 gpm with _____ ft. drawdown after _____ hrs.

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

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 Lange Drlg. Co. (Type or Print) Water Well Driller's License No. 1524

ADDRESS Box 283 (Street or RFD) Rowena (City) TX (State) 76875 (Zip)

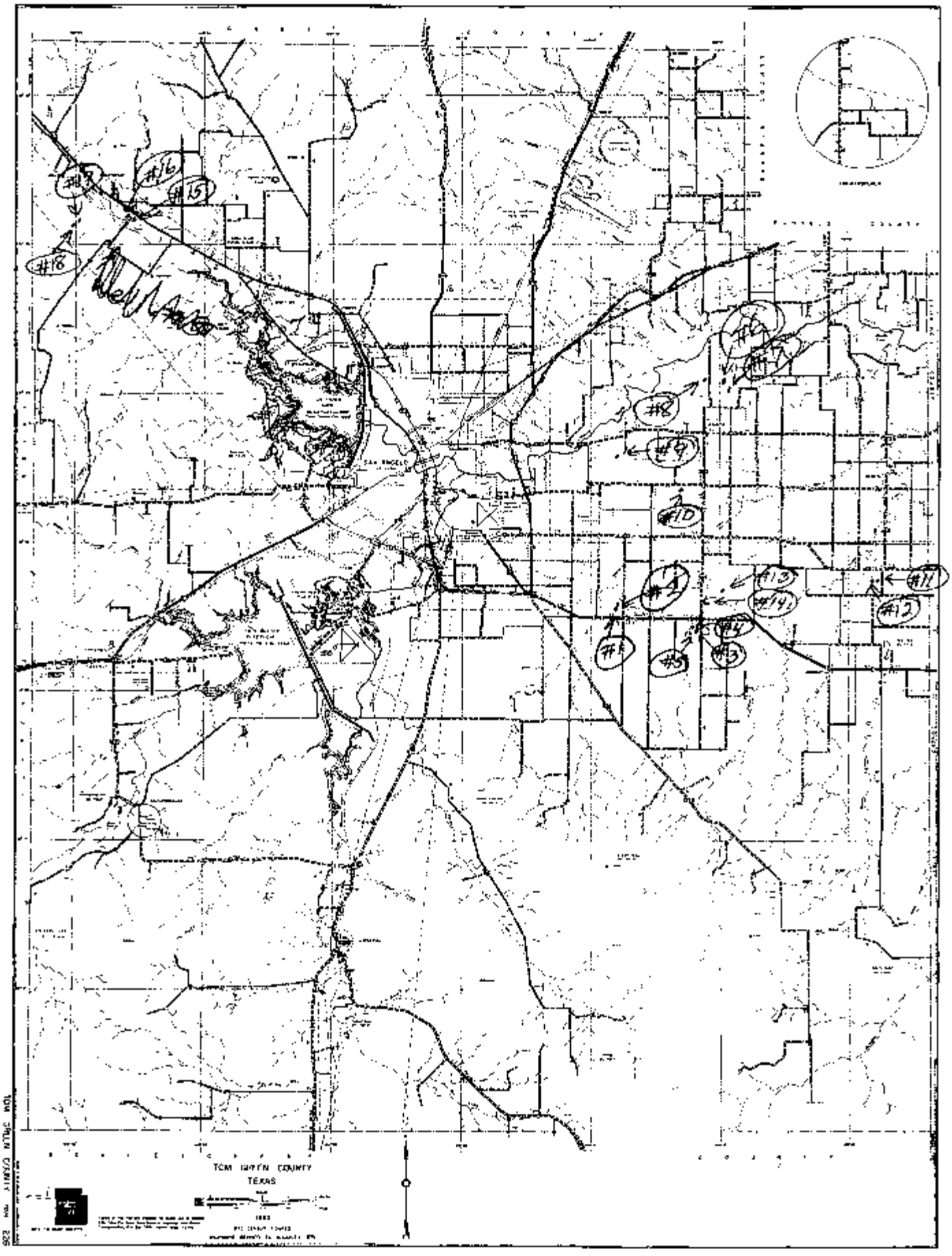
(Signed) Bill Lange (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

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

For TDWR use only
Well No. 43-38-8H
Located on map yes C.F.S.

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

DEPARTMENT OF WATER RESOURCES COPY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#14
#12
#4
#3
#1
#5
TOM GREEN COUNTY
TEXAS

Map ID 155: HIST

Map ID: 155		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101668**
Well Address: TX		**Rel. Loc.: 0.86mi SW**
Completion Date: 1997-10-27		**Drill Depth: 175.0**
Owner: Montroe Dierschke Jr.		**Elevation: 1873.36 ft (+5.35 ft)**

Send original copy by certified return receipt requested mail to: **TNRCC, MC 177, P.O. Box 13087, Austin, TX 78711-3087**

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** Monroe Dierschke Jr. (Name) **ADDRESS** P.O. Box 70 (Street or RFD) Wall (City) Texas (State) (Zip)

2) **ADDRESS OF WELL:** County Tom Green Woods Rd (Street, RFD or other) Wall, Texas (City) (State) (Zip) **GRID #** 4346-2 West

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) Lot 31-21-34 Log 100-18-45 N

6) **WELL LOG:**
Date Drilling:
Started 10-27 19 97
Completed _____ 19 ____

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
13	Surface	18
10	18	~~175~~

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
Surface	5	Top Soil
5	65	Red Clay
65	100	White Lime
100	120	Conglomerate
120	130	Yellow Lime & Black Green clay
130	150	Blue Lime & Clay
150	160	Red Clay
160	175	Gray Lime & Shale

Water 100, 108, 120, 125, 135
(Use reverse side of Well Owner's copy 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
10"	New	PVC	Surface	18	
8"	New	PVC	Surface	175	
		Perf	100	175	1/2"

9) **CEMENTING DATA** [Rule 338.44(1)]
Cemented from Surface ft. to 18 ft. No. of sacks used 10
_____ ft. to _____ ft. No. of sacks used _____
Method used Cement Slurry
Cemented by Driller
Distance to septic system field lines or other concentrated contamination _____ ft.
Method of verification of above distance Landowner

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 338.7-1]

FILE ID | SEQ # | EMP # | DESC CD | CONSENT | CB
NOV 20 1997

11) **WATER LEVEL:**
Static level 90 ft. below land surface Date _____
Artesian flow _____ gpm. Date _____

12) **PACKERS:** Type Depth
None

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: 250 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? _____ 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 15 will result in the log(s) being returned for completion and resubmittal.

COMPANY NAME Michael C Hoelscher (Type or print) **WELL DRILLER'S LICENSE NO.** 0240961

ADDRESS 11389 FM Hwy 765 (Street or RFD) San Angelo (City) Texas (State) (Zip)

(Signed) _____ (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 159: HIST

Map ID: 159		**Source: TCEQ**
Grid Number: 43-38-8F	**HIST - Historical Water Well**	**Banks ID: 4845101806**
Well Address: TX		**Rel. Loc.: 0.89mi N**
Completion Date: 1984-06-22		**Drill Depth: 222.0**
Owner: John Wllde		**Elevation: 1856.96 ft (-11.06 ft)**

General Highway Map and attach the map to this form.

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:
#17
Date drilled 6-22-84

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
8 5/8	Surface 0	14

From (ft.)	To (ft.)	Description and color of formation material
0	17	Clay
17	26	Rock & gravel
26	105	Clay
105	222	Shale

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
		Liner 180'			1/2"

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from _____ ft. to _____ ft.
_____ ft. to _____ ft.
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]

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11) WATER LEVEL:
Static level 130 ft. below land surface Date 6-22-84
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: _____ 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 COLEMAN ROTARY AIR WATER WELL, INC. (Type or Print) Water Well Driller's License No. 1292

ADDRESS Stiles Route, Box 128 Big Lake, Texas 76932 (915) 397-2244
(Street or RFD) (City) (State) (Zip)

(Signed) O.K. Coleman (Licensed Water Well Driller)

(Signed) _____ (Registered Driller Trainee)

Dup

For TDWR use only
Well No. 43-38 8F
Located on map Yes DLF

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

DEPARTMENT OF WATER RESOURCES COPY

TDWR-0392 (12/29/83)

Map ID 162: HIST

Map ID: 162		**Source: TCEQ**
Grid Number: 43-38-8F	**HIST - Historical Water Well**	**Banks ID: 4845101807**
Well Address: TX		**Rel. Loc.: 0.90mi N**
Completion Date: 1981-04-11		**Drill Depth: 140.0**
Owner: John Wilde		**Elevation: 1856.96 ft (-11.06 ft)**

Sites in Map ID 162 Cluster

Dataset	Well Name	Well Address	Page #
HIST		TX	205
HIST		TX	207

General Highway Map and attach the map to this form.

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:

#3

Date drilled 4-11-81

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
	Surface	
10 3/4	0	11

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	60	Br. Clay
60	74	White lime & Rock
74	105	gravel - Rock - lime
105	115	gray Clay
115	117	gravel - Rock - lime
117	123	gray Clay
123	125	gravel - Rock - lime
125	140	gray & blue Clay & Caliche
		T.D. 9 7/8 hole 4-11-80

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	Gage Screen

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

9) WATER LEVEL:
Static level 60 ft. below land surface Date 4-11-81
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

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 54
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.

NAME O.W. Coleman (Type or Print) Water Well Drillers Registration No. 1792

ADDRESS Stiles Rt. Box 128 (Street or RFD) Big Lake (City) Tx (State) 76932 (Zip)

(Signed) O.W. Coleman (Water Well Driller)

COLEMAN ROTARY WATER WELL, INC.
STILES STAR ROUTE
BIG LAKE, TX. 76932
(Company Name)

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

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

Map ID 162: HIST

Map ID: 162		**Source: TCEQ**
Grid Number: 43-38-8F	**HIST - Historical Water Well**	**Banks ID: 4845101808**
Well Address: TX		**Rel. Loc.: 0.90mi N**
Completion Date: 1981-04-11		**Drill Depth: 140.0**
Owner: John Wilde		**Elevation: 1856.96 ft (-11.06 ft)**

Sites in Map ID 162 Cluster

Dataset	Well Name	Well Address	Page #
HIST		TX	205
HIST		TX	207

Well on an Official Quarter or Half Scale Texas County General Highway Map and attach the map to this form.

Distance and direction from two intersecting section or survey lines Map on #1

☐ 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:
#1
Date drilled 4-11-81

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
10 3/4	Surface 0	14

From (ft.)	To (ft.)	Description and color of formation material
0	45	Br. Clay
45	65	Rock-White lime-gravel
65	70	Gray Clay
70	100	Rock & lime
100	114	gravel-Rock-lime
114	116	Gray Clay
116	118	Rock Brown lime
118	123	gray & Blue clay
123	124	Rock & lime
124	140	Gray & Brown Clay
		T.D. 9 7/8 hole 4-11-81

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

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

9) WATER LEVEL:
Static level 60 ft. below land surface Date 4-11-81
Artesian flow ____ gpm. Date ____

10) PACKERS: Type Depth

(Use reverse side if necessary)

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

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

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 47
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.

NAME D.W. Coleman (Type or Print) Water Well Drillers Registration No. 1092

ADDRESS Stiles Rt. Box 128 (Street or RFD) Big Lake (City) Tex (State) 76932 (Zip)

COLEMAN ROTARY WATER WELL, INC. STILES STAR ROUTE BIG LAKE, TX. 76932

(Signed) ____ (Water Well Driller) ____ (Company Name)

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

TDWR-0392 (Rev. 1-12-79)

DEPARTMENT OF WATER RESOURCES COPY

Map ID 163: HIST

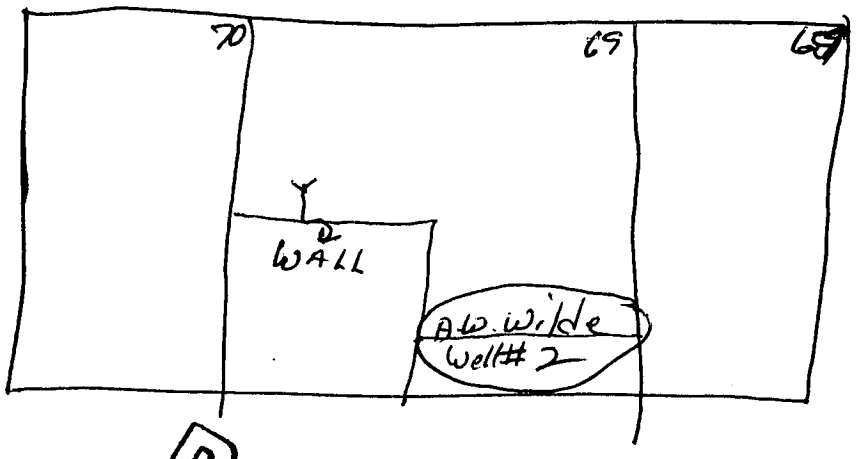
Map ID: 163		**Source: TCEQ**
Grid Number: 43-38-8F	**HIST - Historical Water Well**	**Banks ID: 4845101803**
Well Address: TX		**Rel. Loc.: 0.90mi N**
Completion Date: 1981-04-10		**Drill Depth: 140.0**
Owner: John Wilde		**Elevation: 1856.96 ft (-11.06 ft)**

privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

> "Every registered water well driller drilling, deepening, or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within sixty (60) days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential. Please note that the term "Commission" in the above-quoted section and elsewhere in the Water Well Drillers Act now properly means the Texas Department of Water Resources (P. O. Box 13087; Austin, Texas 78711).

RECEIVED
JUL 12 1982
CR/TDWR



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MAY 26 1981
DEPT. OF
WATER RESOURCES

Well on an official Quarter- or Half-Scale Texas County General Highway Map and attach the map to this form.

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:

#2

Date drilled 4-10-81

DIAMETER OF HOLE

Dia. (in.)	From (ft.)	To (ft.)
	Surface	
10 3/4	0	11

From (ft.)	To (ft.)	Description and color of formation material
0	80	Br. Clay
80	90	White + Br. lime + Rock
90	100	gravel - Rock - White lime
100	117	Rock + White lime
117	130	gravel - Rock - Br. lime
130	140	gray Clay
		T.D. 5 7/8 hole 4-10-81

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 60 ft. below land surface Date 4-10-81
Artesian flow _____ gpm. Date _____

10) PACKERS: Type Depth

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 40
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.

NAME D.W. Coleman (Type or Print) Water Well Drillers Registration No. 1792

ADDRESS Stiles Rt. Box 128 (Street or RFD) Big Lake (City) Tex. (State) 76932 (Zip)

(Signed) D.W. Coleman (Water Well Driller)

COLEMAN ROTARY A WATER WELL, INC. (Company Name)
STILES STAR ROUTE
BIG LAKE, TX. 76932

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

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Map ID 168: HIST

Map ID: 168		**Source: TCEQ**
Grid Number: 43-38-8F	**HIST - Historical Water Well**	**Banks ID: 4845101805**
Well Address: TX		**Rel. Loc.: 0.91mi N**
Completion Date: 1984-06-20		**Drill Depth: 200.0**
Owner: John Wilde		**Elevation: 1856.96 ft (-11.06 ft)**

Sites in Map ID 168 Cluster

Dataset	Well Name	Well Address	Page #
HIST		TX	212
HIST		TX	214

General Highway Map and attach the map to this form.

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:

well #16

Date drilled 6-20-84

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
8 5/8	Surface 0	13

From (ft.)	To (ft.)	Description and color of formation material
0	40	Clay
40	65	Lime
65	72	Clay
72	90	Lime
90	180	Clay & Shale
180	200	Hard Shale

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
		liner 160'	4½		

9) CEMENTING DATA [Rule 319.44(b)]
Cemented from _____ ft. to _____ ft.
_____ ft. to _____ ft.
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]

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11) WATER LEVEL:
Static level 90 ft. below land surface Date 6-20-84
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: _____ 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 COLEMAN ROTARY AIR WATER WELL, INC. (Type or Print) Water Well Driller's License No. 1792

ADDRESS Stiles Route, Box 128 Big Lake, Texas 76932 (915) 397-2444
(Street or RFD) (City) (State) (Zip)

(Signed) O. K. Coleman (Licensed Water Well Driller) (Signed) _____ (Registered Driller Trainee)

Dup

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

For TDWR use only
Well No. 43-38-8F
Located on map Yes DLF

DEPARTMENT OF WATER RESOURCES COPY

TDWR-0392 (12/29/83)

Map ID 168: HIST

Map ID: 168		**Source: TCEQ**
Grid Number: 43-38-8F	**HIST - Historical Water Well**	**Banks ID: 4845101809**
Well Address: TX		**Rel. Loc.: 0.92mi N**
Completion Date: 1981-04-07		**Drill Depth: 150.0**
Owner: Harvey Braden		**Elevation: 1856.96 ft (-11.06 ft)**

Sites in Map ID 168 Cluster

Dataset	Well Name	Well Address	Page #
HIST		TX	212
HIST		TX	214

General Highway Map and attach the map to this form.

☐ 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 4-7-81

DIAMETER OF HOLE Dia. (in.)	From (ft.)	To (ft.)
8	Surface	7

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	55	Br. Clay
55	58	Gravel + Rock
58	73	Wh. Lime Rock
73	77	Gr. Clay
77	99	Wh. + Br. Lime + Rock
99	105	gr. + Br. Clay
105	107	Blue Shale + gr. Clay
107	109	Br. Lime
109	118	gr. Clay
118	130	Blue Shale
130	147	Blue shale + lime
147	150	gray + Br. clay
		Completed Well 4-7-81

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	New	Steel	0	99	
			100	150	9/16

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

9) WATER LEVEL:
Static level 60 ft. below land surface Date 4-7-81
Artesian flow ____ gpm. Date ____

10) PACKERS: Type Depth

(Use reverse side if necessary)

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

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

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 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.

NAME D. W. Coleman (Type or Print) Water Well Drillers Registration No. 1792

ADDRESS S. Ivy Rt. Box 128 (Street or RFD) Big Lake (City) TX. (State) 76932 (Zip)

(Signed) D. W. Coleman (Water Well Driller)

COLEMAN ROTARY AIR WATER WELL, INC. (If Company Name) STILES STAR ROUTE BIG LAKE, TX. 76932

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

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privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

> "Every registered water well driller drilling, deepening, or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within sixty (60) days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential. Please note that the term "Commission" in the above-quoted section and elsewhere in the Water Well Drillers Act now properly means the Texas Department of Water Resources (P. O. Box 13087; Austin, Texas 78711).

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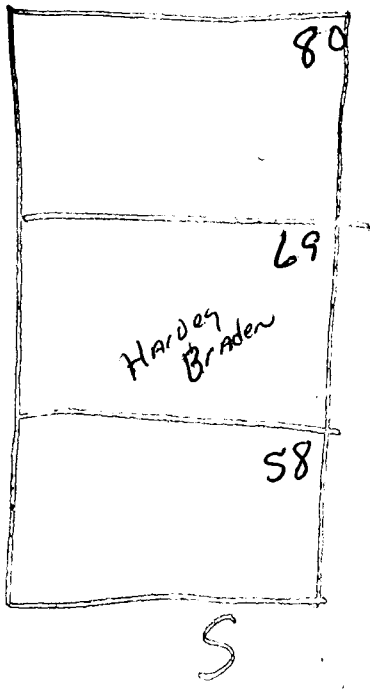

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OF
WATER RESOURCES

Map ID 170: HIST

Map ID: 170		**Source: TCEQ**
Grid Number: 43-38-8F	**HIST - Historical Water Well**	**Banks ID: 4845101804**
Well Address: TX		**Rel. Loc.: 0.92mi N**
Completion Date: 1981-04-10		**Drill Depth: 140.0**
Owner: John Wllde		**Elevation: 1856.96 ft (-11.06 ft)**

General Highway Map and attach the map to this form.

Distance and direction from two intersecting section or survey lines logs # 1, 3+4

☐ 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:

#1

Date drilled 4-10-81

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
	Surface	
10 3/4	0	11

From (ft.)	To (ft.)	Description and color of formation material
0	40	Br. Clay
40	80	White lime & Rock
80	85	gray Clay
85	95	Br. lime & Rock
95	104	gray Clay
104	111	Rock lime
111	118	gray Clay
118	125	Rock lime
125	140	gray Clay
		T.D. 9 7/8 hole 4-10-80

(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
		No. Casing			

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

9) WATER LEVEL:
Static level 60 ft. below land surface Date 4-10-81
Artesian flow gpm. Date

10) PACKERS: Type Depth

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

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

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 14
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.

NAME D.W. Coleman (Type or Print) Water Well Drillers Registration No. 1752

ADDRESS Stiles Pt. Box 128 (Street or RFD) Big Lake (City) Texas (State) 76932 (Zip)

(Signed) D.W. Coleman (Water Well Driller) (Company Name)

COLEMAN WATER WELL
STILES STAR ROUTE
BIG LAKE, TX. 76932

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

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DEPARTMENT OF WATER RESOURCES COPY

privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

> "Every registered water well driller drilling, deepening, or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within sixty (60) days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential. Please note that the term "Commission" in the above-quoted section and elsewhere in the Water Well Drillers Act now properly means the Texas Department of Water Resources (P. O. Box 13087; Austin, Texas 78711).

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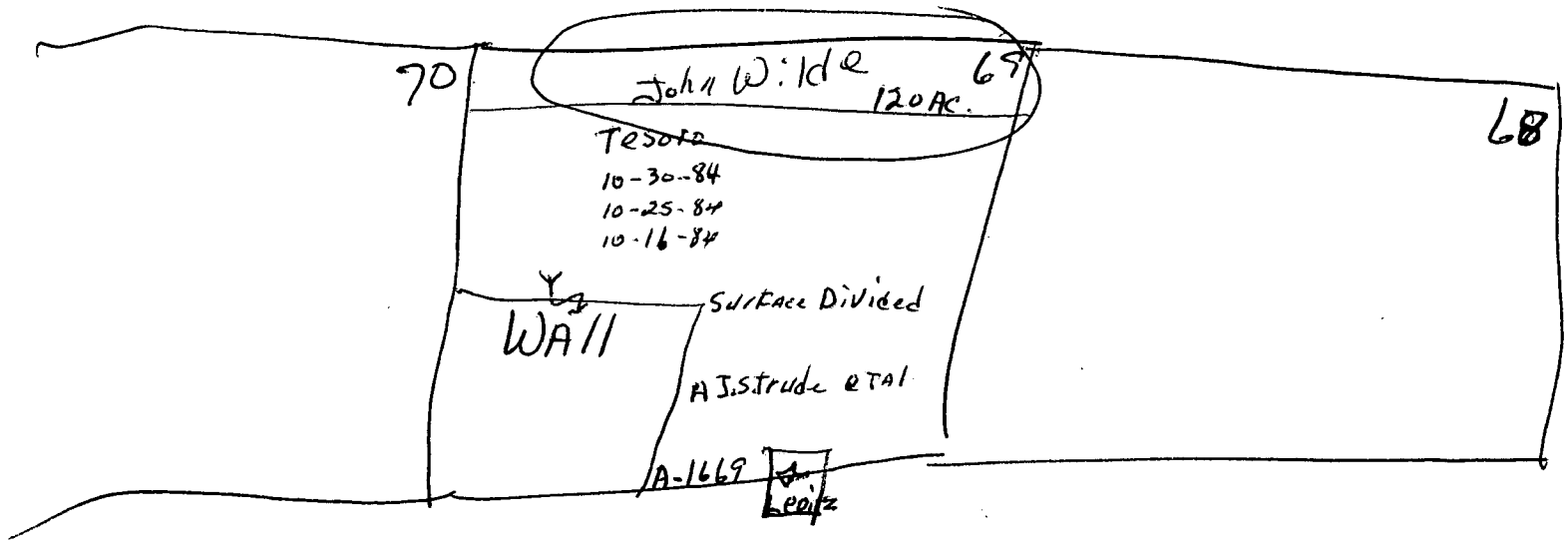

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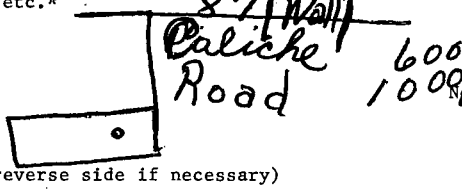
Map ID 171: HIST

Map ID: 171		**Source: TCEQ**
Grid Number: 43-46-2B	**HIST - Historical Water Well**	**Banks ID: 4845101825**
Well Address: TX		**Rel. Loc.: 0.93mi SW**
Completion Date: 1969-05-01		**Drill Depth: 130.0**
Owner: Gilbert Kubenka		**Elevation: 1870.08 ft (+2.07 ft)**

2) LOCATION OF WELL:
County Tom Green, 1½ miles in Soth West direction from Wall
(N.E., S.W., etc.) (Town)

Locate by sketch map showing landmarks, roads, creeks, hiway number, etc.*



(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 in. Depth drilled 130 ft. Depth of completed well 130 ft. Date drilled May 69
All measurements made from surface ft. above ground level.

From (ft.)	To (ft.)	Description and color of formation material
0	4	top Soil
4	20	Caliche
20	110	Clay
110	125	Gravel water
125	129	Clay
129	130	Blue clay

(Use reverse side if necessary)

9) Casing:
Type: Old New Steel (Plastic) Other
Cemented from _____ ft. to _____ ft.

Diameter (inches)	Setting From (ft.)	To (ft.)	Gage
5"	top	Bottom	

10) SCREEN:
Type _____
(Perforated) Slotted

Diameter (inches)	Setting From (ft.)	To (ft.)	Slot Size
½" holes	120	125	

7) COMPLETION (Check):
Straight wall Gravel packed Other
Under reamed (Open Hole)

8) WATER LEVEL:
Static level 85 ft. below land surface Date 5-69
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 _____ gpm with _____ ft. drawdown after _____ hrs.
Artesian flow _____ gpm Plenty water
Temperature of water _____

12) WATER QUALITY:
Was a chemical analysis made? Yes (No)
Did any strata contain undesirable water? Yes (No)
Type of water? _____ depth of strata _____

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 Colvin Hoelscher (Type or Print) Water Well Drillers Registration No. 511

ADDRESS Rt 3 Box 323 (Street or RFD) San Angelo (City) Texas (State)

(Signed) Calvin Hoelscher (Water Well Driller) _____ (Company Name)

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

*Additional instructions on reverse side.

TWDBE-GW-53

Map ID 173: HIST

Map ID: 173		**Source: TCEQ**
Grid Number: 43-46-2	**HIST - Historical Water Well**	**Banks ID: 4845101692**
Well Address: TX		**Rel. Loc.: 0.95mi E**
Completion Date: 1999-09-17		**Drill Depth: 200.0**
Owner: H. O. Brodnax		**Elevation: 1870.08 ft (+2.07 ft)**

End of HIST Section

Send original copy by certified return receipt requ... 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

76957

1) OWNER ~~Bobby~~ Brodnax (Name) ADDRESS 8934 Loop 570 (Street or RFD) Wall (City) Texas (State) (Zip)

2) ADDRESS OF WELL'S LOCATION: County Tom Green Sanco (Street, RFD or other) (City) (State) (Zip) Long. ____ Lat. ____ Grid # 43-46-2

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) 31-22-~~35~~ 35 100-17-31 N

6) WELL LOG:
Date Drilling: Started 9-17 19 99 Completed ____ 19 ____

DIAMETER OF HOLE		
Dia. (in.)	From (ft.)	To (ft.)
8	Surface	18
6	18	200

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
Surface	8	Top Soil
8	58	Red Clay
58	90	White Lime
90	125	Conglomerate
125	128	Blue Lime
128	140	Red Clay
140	175	Blue Lime & Shale
175	178	Brown Lime
178	200	Gray Lime & Shale

water 90-125 130, 178
(Use reverse side of Well Owner's copy, 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
8		PVC	Surface	200	
		Slotted	100	200	.010

9) CEMENTING DATA
Cemented from Surface ft. to 18 ft. No. of sacks used 6
____ ft. to ____ ft. No. of sacks used ____
Method used cement slurry
Cemented by Drillr
Distance to septic system field lines or other concentrated contamination 175 ft
Method of verification of above distance landowner

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 ☐ Submersible ☐ Cylinder ☐ Other ____
Depth to pump bowls, cylinder, jet, etc., 178 ft.

10) SURFACE COMPLETION
☐ Specified Surface Slab Installed
~~Specified Steel Sleeve Installed~~
☐ Pitless Adapter Used
☐ Approved Alternative Procedure Used

15) WELL TESTS:
Type test: ☐ Pump ☐ Bailer ~~Jetted~~ ☐ Estimated
Yield: 150 gpm with ____ ft. drawdown after ____ hrs.

11) WATER LEVEL:
Static level 118 ft. below land surface Date ____
Artesian flow ____ gpm. Date ____

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

12) PACKERS: Type Depth
Rubber 15

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 Michael C Hoelscher (Type or print) WELL DRILLER'S LICENSE NO. 0240WS

ADDRESS 11385 FM 765 (Street or RFD) San Angelo (City) Texas (State) 76905 (Zip)

(Signed) Michael C Hoelscher (Licensed Well Driller) (Signed) ____ (Registered Driller Trainee)

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

TDLR FORM 001WWD (4/98) White - TDLR Yellow - DRILLER Pink - WELL OWNER

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING PRIVILEGE OF CONFIDENTIALITY

The Water Well Drillers Board and the Texas Water Commission are concerned that some persons having wells drilled may not be aware of the confidentiality privilege provision of Section 5 of the Water Well Drillers Act. Section 5, the Reporting of Well Logs, reads as follows:

> "Every licensed water well driller drilling, deepening or otherwise altering a water well within this State shall make and keep, or cause to be made and kept, a legible and accurate well log, and within 60 days from the completion or cessation of drilling, deepening or otherwise altering such a water well, shall deliver or transmit by certified mail a copy of such well log to the Commission, and the owner thereof or the person having had such well drilled. Each copy of a well log, other than a Commission copy, shall include the name, mailing address, and telephone number of the Board and the Commission. The well log required herein shall at the request in writing to the Commission, by certified mail, by the owner or the person having such well drilled be held as confidential matter and not made of public record."

The last sentence specifies the means whereby you can, if you wish, assure that logs of your wells will be kept confidential.

From (ft.)	To (ft.)	Description and color of formation material
140-	160	Red Clay
160 -		Blue lime

Map ID 19: PWS

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

PWS - Public Water Supply

Map ID: 19		**Source: TCEQ**
Water Source ID: G2260103A	**PWS - Public Water Supply**	**Banks ID: G2260103A**
Well Address: TX		**Rel. Loc.: 0.36mi NE**
Completion Date: 2002-07-30		**Drill Depth: 190.0**
Owner: ARNOLDS STEAK AND MEXICAN RESTAURANT		**Elevation: 1866.80 ft (-1.21 ft)**

Pws Id:	2260103
Digital Log:	Go to webpage
Fips Cd:	451
Ccn:	
System Status:	INACTIVE
Source Status:	PUBLIC WATER SYSTEM: INACTIVE
Responsible Party:	
Responsible Party Address:	
Responsible Party City:	
Responsible Party State:	
Responsible Party Zip:	
Phone:	3252343636
Tinwsys Number:	5967

Sites in Map ID 19 Cluster

Dataset	Well Name	Well Address	Page #
GWS	Arnolds Steak & Mexican Restaurant	TX	37
PWS	ARNOLDS STEAK AND MEXICAN RESTAURANT	TX	225

End of PWS Section

Map ID 10: SDR - Loop 570

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

SDR - Submitted Drillers Report

Map ID: 10

Source: Texas Water Development Board

Well Report Tracking Number: 81348

SDR - Submitted Drillers Report

Banks ID: 81348

Well Address: Loop 570, Wall, TX 76957

Rel. Loc.: 0.28mi E

Completion Date: 2004-03-03

Drill Depth: 205.0

Owner: Wall ISD

Elevation: 1870.08 ft (+2.07 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	Replacement
Drilling Start Date:	2004-03-02
Company Name:	Michael Hoelscher
Driller Name:	Michael Carl Hoelscher
Commentary:	$dfs

Bore Hole Completion

Well Report Tracking Number:	81348
Bore Hole Completion:	Straight Wall
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number	Diameter	Top Depth	Bottom Depth
81348	10	18	205
81348	12	0	18

Drilling Method

Well Report Tracking Number:	81348
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	81348
Measurement:	85

STATE OF TEXAS WELL REPORT for Tracking #81348

Owner:	**Wall ISD**	Owner Well #:	**No Data**
Address:	**Wall, TX 76957**	Grid #:	**43-46-2**
Well Location:	**Loop 570 Wall, TX 76957**	Latitude:	**31° 22' 13" N**
		Longitude:	**100° 18' 07" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**Replacement**	Proposed Use:	**Irrigation**

Drilling Start Date: **3/2/2004** Drilling End Date: **3/3/2004**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
12	**0**	**18**
10	**18**	**205**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**18**	**9**

Seal Method: **Cement**

Sealed By: **Driller**

Distance to Property Line (ft.): **60**

Distance to Septic Field or other concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Surface Sleeve Installed**

Water Level: **85 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **Submersible**

Well Tests: **Jetted** **Yield: 150 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
100,120,157,175	**Good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Michael Hoelscher**

11385 FM 765
San Angelo, TX 76905

Driller Name: **Michael C. Hoelscher** License Number: **2409**

Comments: **$dfs**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**Top Soil**
3	**60**	**Red Clay**
60	**70**	**White Lime**
70	**120**	**Conglomerate**
120	**125**	**Yellow Clay and Lime**
125	**140**	**Blue Lime**
140	**155**	**Blue Clay**
155	**165**	**Blue Shale and Lime**
165	**190**	**Gray Lime**
190	**205**	**Gray Shale**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
10	**New**	**Steel Pipe**	**0 18**
8	**New**	**PVC**	**0 205**
8	**New**	**Slotted**	**80 205 .20**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 12: SDR - Loop 570

Map ID: 12

Source: Texas Water Development Board

Well Report Tracking Number: 246741

SDR - Submitted Drillers Report

Banks ID: 246741

Well Address: Loop 570, Wall, TX 76957

Rel. Loc.: 0.32mi NW

Completion Date: 2008-09-24

Drill Depth: 180.0

Owner: Sundown State Bank

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2008-09-23
Company Name:	Michael C. Hoelscher
Driller Name:	Michael Carl Hoelscher
Commentary:	$mew

Bore Hole Completion

Well Report Tracking Number:	246741
Bore Hole Completion:	Straight Wall
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number	Diameter	Top Depth	Bottom Depth
246741	6	18	180
246741	8	0	18

Drilling Method

Well Report Tracking Number:	246741
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	246741
Measurement:	90

STATE OF TEXAS WELL REPORT for Tracking #246741

Owner:	**Sundown State Bank**	Owner Well #:	**No Data**
Address:	**Loop 510** **Wall, TX 76957**	Grid #:	**43-46-2**
Well Location:	**Loop 570** **Wall, TX 76957**	Latitude:	**31° 22' 27" N**
		Longitude:	**100° 18' 37" W**
Well County:	**Tom Green**	Elevation:	**No Data**

Type of Work: **New Well** Proposed Use: **Domestic**

Drilling Start Date: **9/23/2008** Drilling End Date: **9/24/2008**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8	**0**	**18**
6	**18**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**18**	**6**

Seal Method: **cement slurry**

Sealed By: **Driller**

Distance to Property Line (ft.): **110**

Distance to Septic Field or other concentrated contamination (ft.): **51**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **90 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **Rubber 18'**

Type of Pump: **Submersible**

Well Tests: **Jetted** **Yield: 50 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
98-100, 138	**Good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Michael C. Hoelscher**

11385 FM 765
San Angelo, TX 76905

Driller Name: **Michael C. Hoelscher** License Number: **2409**

Comments: **$mew**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**6**	**Top Soil**
6	**50**	**Red Clay**
50	**60**	**White Lime**
60	**100**	**Conglomerate**
100	**118**	**Yellow Lime**
118	**145**	**Blue Lime & Clay**
145	**155**	**Red Clay**
155	**180**	**Gray Lime & Shale**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5	**New**	**PVC**	**0 - 180**
Slotted			**80 - 180**

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P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 14: SDR - Loop 570

Map ID: 14

Source: Texas Water Development Board

Well Report Tracking Number: 81351

SDR - Submitted Drillers Report

Banks ID: 81351

Well Address: Loop 570, Wall, TX 76957

Rel. Loc.: 0.33mi E

Completion Date: 2004-03-18

Drill Depth: 200.0

Owner: Michael Biggerstaff

Elevation: 1870.08 ft (+2.07 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2004-03-18
Company Name:	Michael Hoelscher
Driller Name:	Michael Carl Hoelscher
Commentary:	$dfs

Bore Hole Completion

Well Report Tracking Number:	81351
Bore Hole Completion:	Straight Wall
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number	Diameter	Top Depth	Bottom Depth
81351	6	18	200
81351	8	0	18

Drilling Method

Well Report Tracking Number:	81351
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	81351
Measurement:	85

STATE OF TEXAS WELL REPORT for Tracking #81351

Owner:	**Michael Biggerstaff**	Owner Well #:	**No Data**
Address:	**P. O. Box 381 Wall, TX 76957**	Grid #:	**43-46-2**
		Latitude:	**31° 22' 15" N**
Well Location:	**Loop 570 Wall, TX 76957**	Longitude:	**100° 18' 04" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **3/18/2004** Drilling End Date: **3/18/2004**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8	**0**	**18**
6	**18**	**200**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**18**	**6**

Seal Method: **Cement**

Sealed By: **Driller**

Distance to Property Line (ft.): **60**

Distance to Septic Field or other concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Measured**

Surface Completion: **Surface Sleeve Installed**

Water Level: **85 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **Rubber 18'**

Type of Pump: **Submersible**

Well Tests: **Jetted** **Yield: 60 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
105-122,157,170	**Good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Michael Hoelscher**

11385 FM 765
San Angelo, TX 76905

Driller Name: **Michael C. Hoelscher** License Number: **2409**

Comments: **$dfs**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**Top Soil**
3	**65**	**Red Clay**
65	**85**	**White Lime**
85	**122**	**Conglomerate**
122	**125**	**Yellow Lime**
125	**140**	**Blue Lime and Shale**
140	**150**	**Red Clay**
150	**200**	**Gray Lime and Shale**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5	**New**	**PVC**	**0 200**
Slotted		**80**	**200 .020**

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P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 23: SDR - wood rd

Map ID: 23

Source: Texas Water Development Board

Well Report Tracking Number: 327722

SDR - Submitted Drillers Report

Banks ID: 327722

Well Address: wood rd, wall, TX

Rel. Loc.: 0.37mi SW

Completion Date: 2011-07-08

Drill Depth: 195.0

Owner: LaVerne Schniere

Elevation: 1870.08 ft (+2.07 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	Replacement
Drilling Start Date:	2011-07-07
Company Name:	Michael C. Hoelscher
Driller Name:	Michael Carl Hoelscher
Commentary:	^km

Bore Hole Completion

Well Report Tracking Number:	327722
Bore Hole Completion:	Straight Wall
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number	Diameter	Top Depth	Bottom Depth
327722	10	0	10
327722	8	10	195

Drilling Method

Well Report Tracking Number:	327722
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	327722
Measurement:	100

STATE OF TEXAS WELL REPORT for Tracking #327722

Owner:	**LaVerne Schniere**	Owner Well #:	**not provided**
Address:	**6979 fm 765** **San Angelo, TX 76905**	Grid #:	**43-46-2**
Well Location:	**wood rd** **wall, TX**	Latitude:	**31° 22' 01" N**
		Longitude:	**100° 18' 39" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**Replacement**	Proposed Use:	**Domestic**

Drilling Start Date: **7/7/2011** Drilling End Date: **7/8/2011**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
10	**0**	**10**
8	**10**	**195**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
-1	**10**	**6**

Seal Method: **cement slurry**

Sealed By: **Driller**

Distance to Property Line (ft.): **800**

Distance to Septic Field or other concentrated contamination (ft.): **100**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **look - farm**

Surface Completion: **Surface Sleeve Installed**

Water Level: **100 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **rubber 10**

Type of Pump: **none**

Well Tests: **Jetted** **Yield: 30 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
110, 125, 130, 145	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Michael C. Hoelscher**

11385 fm 765
san angelo, TX 76905

Driller Name: **Michael C. Hoelscher** License Number: **2409**

Comments: **^km**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

From (ft)	To (ft)	Description
surface-3 top soil		
3-60 red clay		
60-80 white lime		
80-120 conglomerant		
120-130 yellow lime		
130-150 blue lime & shale		
150-155 red clay		
155-195 gray lime & shale		

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
6" new pvc sch 40 +1 195			
slotted 105 195			

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Map ID 38: SDR - 1/4 MILE EAST SCHOOL HWY 570

Map ID: 38

Source: Texas Water Development Board

Well Report Tracking Number: 96732

SDR - Submitted Drillers Report

Banks ID: 96732

Well Address: 1/4 MILE EAST SCHOOL HWY 570, WALL, TX 76957

Rel. Loc.: 0.46mi NE

Completion Date: 2006-10-23

Drill Depth: 140.0

Owner: MIKE BIGGERSTAFF

Elevation: 1870.08 ft (+2.07 ft)

Number Of Wells Drilled:	
Elevation:	1820
Type Of Work:	New Well
Drilling Start Date:	2006-10-23
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	96732
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	96732
Diameter:	8.5
Top Depth:	0
Bottom Depth:	140

Drilling Method

Well Report Tracking Number:	96732
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	96732
Measurement:	76

STATE OF TEXAS WELL REPORT for Tracking #96732

Owner:	**MIKE BIGGERSTAFF**	Owner Well #:	**1**
Address:	**P.O. BOX 381 WALL, TX 76957**	Grid #:	**43-46-2**
Well Location:	**1/4 MILE EAST SCHOOL HWY 570 WALL, TX 76957**	Latitude:	**31° 22' 26" N**
		Longitude:	**100° 17' 59" W**
Well County:	**Tom Green**	Elevation:	**1820 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/23/2006** Drilling End Date: **10/23/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**140**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
75	**140**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**72**	**50 CEMENT**
72	**75**	**3 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **15**

Distance to Septic Field or other concentrated contamination (ft.): **170**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **76 ft.** below land surface, and **100 GPM** artesian flow on **2006-10-23** Measurement Method: **Unknown**

Packers: **BENTONITE 72-75 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
110-135	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM. HWY. 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**70**	**BROWN CLAY**
70	**80**	**BROWN LIMESTONE**
80	**135**	**YELLOW ROCK**
135	**140**	**YELLOW CLAY**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-140FT 160 LB			

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(512) 334-5540

Map ID 39: SDR - Loop 570

Map ID: 39

Source: Texas Water Development Board

Well Report Tracking Number: 169275

SDR - Submitted Drillers Report

Banks ID: 169275

Well Address: Loop 570, Wall, TX 76957

Rel. Loc.: 0.47mi E

Completion Date: 2004-11-12

Drill Depth: 220.0

Owner: Michael Biggerstaff

Elevation: 1870.08 ft (+2.07 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	Replacement
Drilling Start Date:	2004-11-12
Company Name:	Michael C. Hoelscher
Driller Name:	Michael Carl Hoelscher
Commentary:	$mew

Bore Hole Completion

Well Report Tracking Number:	169275
Bore Hole Completion:	Straight Wall
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number	Diameter	Top Depth	Bottom Depth
169275	6	18	220
169275	8	0	18

Drilling Method

Well Report Tracking Number:	169275
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	169275
Measurement:	90

STATE OF TEXAS WELL REPORT for Tracking #169275

Owner:	**Michael Biggerstaff**	Owner Well #:	**No Data**
Address:	**P.O. Wall, TX 76957**	Grid #:	**43-46-2**
		Latitude:	**31° 22' 23" N**
Well Location:	**Loop 570 Wall, TX 76957**	Longitude:	**100° 17' 57" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**Replacement**	Proposed Use:	**Domestic**

Drilling Start Date: **11/12/2004** Drilling End Date: **11/12/2004**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8	**0**	**18**
6	**18**	**220**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**18**	**8**

Seal Method: **Cement**

Sealed By: **Driller**

Distance to Property Line (ft.): **50**

Distance to Septic Field or other concentrated contamination (ft.): **100**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Surface Sleeve Installed**

Water Level: **90 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **Rubber 18'**

Type of Pump: **Submersible** Pump Depth (ft.): **180**

Well Tests: **Jetted** **No Test Data Specified**

Water Quality:

Strata Depth (ft.)	Water Type
95 - 121, 157, 165	**Good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Michael C. Hoelscher**

11385 FM 765
San Angelo, TX 76905

Driller Name: **Michael C. Hoelscher** License Number: **2409**

Comments: **$mew**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**4**	**Topsoil**
4	**55**	**Red Clay**
55	**90**	**White Lime**
90	**125**	**Conglomerate**
125	**135**	**Yellow Clay & Lime**
135	**140**	**Blue Lime & Clay**
140	**152**	**Red Clay**
152	**170**	**Blue Lime & Shale**
170	**200**	**Gray Lime & Shale**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5	**PVC**		**0 - 200**
Slotted			**100 - 200**

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(512) 334-5540

Map ID 40: SDR - 8113 WATERLOO DRIVE

Map ID: 40

Source: Texas Water Development Board

Well Report Tracking Number: 93501

SDR - Submitted Drillers Report

Banks ID: 93501

Well Address: 8113 WATERLOO DRIVE, WALL, TX 76957

Rel. Loc.: 0.47mi NE

Completion Date: 2006-09-21

Drill Depth: 180.0

Owner: LAND DEVELOPMENT COMPANY

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	1853
Type Of Work:	New Well
Drilling Start Date:	2006-09-21
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	93501
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	93501
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	93501
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	93501
Measurement:	90

STATE OF TEXAS WELL REPORT for Tracking #93501

Owner:	**LAND DEVELOPMENT COMPANY**	Owner Well #:	**14**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8113 WATERLOO DRIVE WALL, TX 76957**	Latitude:	**31° 22' 38" N**
		Longitude:	**100° 18' 14" W**
Well County:	**Tom Green**	Elevation:	**1853 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/21/2006** Drilling End Date: **9/21/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**15 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **90 ft.** below land surface, and **85 GPM** artesian flow on **2006-09-21**

Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 85 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
100-110/150-155	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**60**	**BROWN CLAY**
60	**90**	**WHITE LIMESTONE**
90	**115**	**BROWN ROCK**
115	**140**	**BLUE & GRAY LIME**
140	**145**	**RED SHALE**
145	**170**	**GRAY ROCK**
170	**180**	**BLACK ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 160 LB			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 44: SDR - 8125 Waterloo

Map ID: 44

Source: Texas Water Development Board

Well Report Tracking Number: 94256

SDR - Submitted Drillers Report

Banks ID: 94256

Well Address: 8125 Waterloo, Wall, TX 76957

Rel. Loc.: 0.50mi NE

Completion Date: 2006-10-02

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-02
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
94256	Filter Packed	
94256	Open Hole	

Bore Hole Info

Well Report Tracking Number:	94256
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94256
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94256
Measurement:	95

STATE OF TEXAS WELL REPORT for Tracking #94256

Owner:	**Lipan Developement Co.**	Owner Well #:	**21**
Address:	**8125 Waterloo Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8125 Waterloo Wall, TX 76957**	Latitude:	**31° 22' 39" N**
		Longitude:	**100° 18' 13" W**
Well County:	**Tom Green**	Elevation:	**No Data**

Type of Work: **New Well** Proposed Use: **Domestic**

Drilling Start Date: **10/2/2006** Drilling End Date: **10/2/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 12**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **95 ft.** below land surface on **2006-10-02** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)		Water Type
98'	**152'**	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**3**	**dirt**
3	**56**	**brown clay**
56	**117**	**brown rock**
117	**126**	**green clay**
126	**142**	**red clay**
142	**151**	**blue lime**
151	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" new PVC -2 to 180 1/8			

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P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 46: SDR - 8137 Waterloo

Map ID: 46

Source: Texas Water Development Board

Well Report Tracking Number: 94255

SDR - Submitted Drillers Report

Banks ID: 94255

Well Address: 8137 Waterloo, Wall, TX 76957

Rel. Loc.: 0.51mi NE

Completion Date: 2006-10-01

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-30
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
94255	Filter Packed	
94255	Open Hole	

Bore Hole Info

Well Report Tracking Number:	94255
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94255
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94255
Measurement:	100

STATE OF TEXAS WELL REPORT for Tracking #94255

Owner:	**Lipan Developement Co.**	Owner Well #:	**20**
Address:	**8137 Waterloo Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8137 Waterloo Wall, TX 76957**	Latitude:	**31° 22' 39" N**
		Longitude:	**100° 18' 11" W**
Well County:	**Tom Green**	Elevation:	**No Data**

Type of Work: **New Well** Proposed Use: **Domestic**

Drilling Start Date: **9/30/2006** Drilling End Date: **10/1/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 10**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **100 ft.** below land surface on **2006-10-01** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 75 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:	Strata Depth (ft.)	Water Type
	98' 118' 169'	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**4**	**dirt**
4	**12**	**orange clay**
12	**48**	**brown clay**
48	**115**	**brown rock**
115	**121**	**green clay**
121	**124**	**brown rock**
124	**129**	**blue lime**
129	**148**	**red bed**
148	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" new PVC -2 to 180 1/8			

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P.O. Box 12157
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(512) 334-5540

Map ID 47: SDR - Loop 370

Map ID: 47

Source: Texas Water Development Board

Well Report Tracking Number: 242943

SDR - Submitted Drillers Report

Banks ID: 242943

Well Address: Loop 370, Wall, TX

Rel. Loc.: 0.51mi N

Completion Date: 2005-06-23

Drill Depth: 190.0

Owner: Chris Bubenik

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	Reconditioning
Drilling Start Date:	2005-06-23
Company Name:	Michael C. Hoelscher
Driller Name:	Michael Carl Hoelscher
Commentary:	$dfs

Bore Hole Completion

Well Report Tracking Number:	242943
Bore Hole Completion:	Straight Wall
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number	Diameter	Top Depth	Bottom Depth
242943	10	135	190
242943	12	60	135
242943	14.75	0	60

Drilling Method

Well Report Tracking Number:	242943
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	242943
Measurement:	12

STATE OF TEXAS WELL REPORT for Tracking #242943

Owner:	**Chris Bubenik**	Owner Well #:	**No Data**
Address:	**Penny Lane** **San Angelo, TX 76905**	Grid #:	**43-38-8**
Well Location:	**Loop 370** **Wall, TX**	Latitude:	**31° 22' 41" N**
		Longitude:	**100° 18' 19" W**
Well County:	**Tom Green**	Elevation:	**No Data**

Type of Work: **Reconditioning** Proposed Use: **Irrigation**

Drilling Start Date: **6/23/2005** Drilling End Date: **6/23/2005**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
14.75	**0**	**60**
12	**60**	**135**
10	**135**	**190**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**30**	**16**

Seal Method: **Cement**

Sealed By: **Driller**

Distance to Property Line (ft.): **50**

Distance to Septic Field or other concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **No Data**

Surface Completion: **Surface Sleeve Installed**

Water Level: **12 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **Rubber 30'**

Type of Pump: **Submersible**

Well Tests: **Jetted** **Yield: 400 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
150-165	**Good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Michael C. Hoelscher**

11385 FM 765
San Angelo, TX 76905

Driller Name: **Michael C. Hoelscher** License Number: **2409**

Comments: **$dfs**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

From (ft)	To (ft)	Description
Cleaned out to 135		
135-150 Red Clay		
150-170 Blue Lime and Shale		
170-190 Gray Lime and Shale		

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
12	**New**	**PVC**	**0 60**
8	**New**	**PVC**	**0 190**
Slotted		**90**	**190**

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(512) 334-5540

Map ID 48: SDR - 8149 WATERLOO DRIVE

Map ID: 48

Source: Texas Water Development Board

Well Report Tracking Number: 94650

SDR - Submitted Drillers Report

Banks ID: 94650

Well Address: 8149 WATERLOO DRIVE, WALL, TX 76957

Rel. Loc.: 0.51mi NE

Completion Date: 2006-10-01

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1866.80 ft (-1.21 ft)

Number Of Wells Drilled:	
Elevation:	1849
Type Of Work:	New Well
Drilling Start Date:	2006-10-01
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	94650
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	94650
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94650
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94650
Measurement:	80

STATE OF TEXAS WELL REPORT for Tracking #94650

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**25**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8149 WATERLOO DRIVE WALL, TX 76957**	Latitude:	**31° 22' 38" N**
		Longitude:	**100° 18' 08" W**
Well County:	**Tom Green**	Elevation:	**1849 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/1/2006** Drilling End Date: **10/1/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**15**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **80 ft.** below land surface, and **100 GPM** artesian flow on **2006-10-01** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
90-115/150-160	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**50**	**BROWN CLAY**
50	**110**	**WHITE LIMESTONE**
110	**125**	**BROWN ROCK**
125	**145**	**GRAY LIME**
145	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 FT 160 LB			

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P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 51: SDR - Bean Rd.

Map ID: 51

Source: Texas Water Development Board

Well Report Tracking Number: 149634

SDR - Submitted Drillers Report

Banks ID: 149634

Well Address: Bean Rd., Wall, TX

Rel. Loc.: 0.52mi N

Completion Date: 2008-06-13

Drill Depth: 190.0

Owner: Bubenik, Chris

Elevation: 1860.24 ft (-7.78 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2008-06-12
Company Name:	Michael C. Hoelscher
Driller Name:	Michael Carl Hoelscher
Commentary:	^EO

Bore Hole Completion

Well Report Tracking Number:	149634
Bore Hole Completion:	Straight Wall
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number	Diameter	Top Depth	Bottom Depth
149634	10	18	190
149634	13	0	18

Drilling Method

Well Report Tracking Number:	149634
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

STATE OF TEXAS WELL REPORT for Tracking #149634

Owner:	**Bubenik, Chris**	Owner Well #:	**No Data**
Address:	**8786 Penny Ln. San Angelo, TX 76905**	Grid #:	**43-38-8**
Well Location:	**Bean Rd. Wall, TX**	Latitude:	**31° 22' 41" N**
		Longitude:	**100° 18' 33" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Irrigation**

Drilling Start Date: **6/12/2008** Drilling End Date: **6/13/2008**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
13	**0**	**18**
10	**18**	**190**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**18**	**9**

Seal Method: **Cement Slurry**

Sealed By: **Driller**

Distance to Property Line (ft.): **1200**

Distance to Septic Field or other concentrated contamination (ft.): **None**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Look Farm**

Surface Completion: **Surface Sleeve Installed**

Water Level: **No Data**

Packers: **No Data**

Type of Pump: **Submersible**

Well Tests: **Jetted** **Yield: 300 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
80-115, 120, 155	**Good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Michael C. Hoelscher**

11385 FM 765
San Angelo, TX 76905

Driller Name: **Michael C. Hoelscher** License Number: **2409**

Comments: **^EO**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**8**	**topsoil**
8	**50**	**red clay**
15	**115**	**conglomerant**
50	**75**	**white lime**
115	**140**	**blueish green lime**
140	**150**	**red clay**
150	**190**	**gray lime & shale**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.) New/Used Type Setting From/To (ft.)
10" Sch 40 Steel Pipe 0'-18'
8" PVC Sch 40 0'-190'
Slotted 80'-190'

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 52: SDR - 8161 WATERLOO DRIVE

Map ID: 52

Source: Texas Water Development Board

Well Report Tracking Number: 94081

SDR - Submitted Drillers Report

Banks ID: 94081

Well Address: 8161 WATERLOO DRIVE, WALL, TX 76957

Rel. Loc.: 0.53mi NE

Completion Date: 2006-09-30

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1866.80 ft (-1.21 ft)

Number Of Wells Drilled:	
Elevation:	1857
Type Of Work:	New Well
Drilling Start Date:	2006-09-30
Company Name:	WOEHL DRILLING # 2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	94081
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	94081
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94081
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94081
Measurement:	76

STATE OF TEXAS WELL REPORT for Tracking #94081

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**24**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8161 WATERLOO DRIVE WALL, TX 76957**	Latitude:	**31° 22' 38" N**
		Longitude:	**100° 18' 06" W**
Well County:	**Tom Green**	Elevation:	**1857 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/30/2006** Drilling End Date: **9/30/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**15 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **76 ft.** below land surface, and **100 GPM** artesian flow on **2006-09-30** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
105-115/150-160	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING # 2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**55**	**BROWN CLAY**
55	**90**	**WHITE ROCK**
90	**125**	**BROWN ROCK**
125	**145**	**RED LIME**
145	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180FT 160 LB			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Map ID 54: SDR - 8114 WATERLOO DRIVE

Map ID: 54

Source: Texas Water Development Board

Well Report Tracking Number: 93500

SDR - Submitted Drillers Report

Banks ID: 93500

Well Address: 8114 WATERLOO DRIVE, WALL, TX 76957

Rel. Loc.: 0.56mi N

Completion Date: 2006-09-20

Drill Depth: 180.0

Owner: LAND DEVELOPMENT COMPANY

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-20
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	93500
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	93500
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	93500
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	93500
Measurement:	90

STATE OF TEXAS WELL REPORT for Tracking #93500

Owner:	**LAND DEVELOPMENT COMPANY**	Owner Well #:	**13**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8114 WATERLOO DRIVE WALL, TX 76957**	Latitude:	**31° 22' 43" N**
		Longitude:	**100° 18' 14" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/20/2006** Drilling End Date: **9/20/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**15 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **90 ft.** below land surface, and **75 GPM** artesian flow on **2006-09-20** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 75 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
110-118/150-155	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**55**	**BROWN CLAY**
55	**90**	**WHITE LIMESTONE**
90	**123**	**BROWN ROCK**
123	**140**	**GRAY LIME**
140	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 160 LB			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Map ID 56: SDR - 8173 Waterloo

Map ID: 56

Source: Texas Water Development Board

Well Report Tracking Number: 94254

SDR - Submitted Drillers Report

Banks ID: 94254

Well Address: 8173 Waterloo, Wall, TX 76957

Rel. Loc.: 0.57mi NE

Completion Date: 2006-09-30

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-30
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	Amended 10/24/06 Ref.#3991

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
94254	Filter Packed	
94254	Open Hole	

Bore Hole Info

Well Report Tracking Number:	94254
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94254
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94254
Measurement:	100

STATE OF TEXAS WELL REPORT for Tracking #94254

Owner:	**Lipan Developement Co.**	Owner Well #:	**19**
Address:	**8173 Waterloo Wall, TX 76957**	Grid #:	**43-38-8**
		Latitude:	**31° 22' 39" N**
Well Location:	**8173 Waterloo Wall, TX 76957**	Longitude:	**100° 18' 04" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/30/2006** Drilling End Date: **9/30/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 10**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **100 ft.** below land surface on **2006-09-30** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Unknown** **Yield: 100 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)	Water Type
150'	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **Amended 10/24/06 Ref.#3991**

Report Amended on by Request #3991

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**4**	**dirt**
4	**57**	**brown clay**
57	**114**	**brown rock**
114	**129**	**yellow clay**
129	**140**	**red bed**
140	**149**	**blue lime**
149	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" new PVC -2 to 180 1/8			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Map ID 57: SDR - 8185 Waterloo

Map ID: 57

Source: Texas Water Development Board

Well Report Tracking Number: 94253

SDR - Submitted Drillers Report

Banks ID: 94253

Well Address: 8185 Waterloo, Wall, TX 76957

Rel. Loc.: 0.57mi NE

Completion Date: 2006-09-29

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1866.80 ft (-1.21 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-29
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
94253	Filter Packed	
94253	Open Hole	

Bore Hole Info

Well Report Tracking Number:	94253
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94253
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94253
Measurement:	100

STATE OF TEXAS WELL REPORT for Tracking #94253

Owner:	**Lipan Developement Co.**	Owner Well #:	**18**
Address:	**8185 Waterloo Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8185 Waterloo Wall, TX 76957**	Latitude:	**31° 22' 38" N**
		Longitude:	**100° 18' 02" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/29/2006** Drilling End Date: **9/29/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 11**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **100 ft.** below land surface on **2006-09-29** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)		Water Type
118'	152'	good

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	4	dirt
4	58	brown clay
58	66	brown rock
66	72	brown clay
72	123	brown clay
123	126	gravel
126	130	yellow clay
130	147	red bed
147	180	grey rock

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5"	new	PVC	-2 to 180 1/8

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Map ID 58: SDR - 8101 IRON HORSE DRIVE

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Map ID: 58

Source: Texas Water Development Board

Well Report Tracking Number: 92930

SDR - Submitted Drillers Report

Banks ID: 92930

Well Address: 8101 IRON HORSE DRIVE, WALL, TX., TX 76957

Rel. Loc.: 0.57mi N

Completion Date: 2006-09-15

Drill Depth: 180.0

Owner: LAND DEVELOPMENT COMPANY

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-15
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	92930
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	92930
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	92930
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	92930
Measurement:	100

Sites in Map ID 58 Cluster

Dataset	Well Name	Well Address	Page #
SDR	LAND DEVELOPMENT COMPANY	8101 IRON HORSE DRIVE, WALL, TX., TX 76957	276
SDR	LAND DEVELOPMENT COMPANY	8102 MOLINE LANE, WALL, TX 76957	279

STATE OF TEXAS WELL REPORT for Tracking #92930

Owner:	**LAND DEVELOPMENT COMPANY**	Owner Well #:	**11**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8101 IRON HORSE DRIVE WALL, TX., TX 76957**	Latitude:	**31° 22' 44" N**
		Longitude:	**100° 18' 17" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/15/2006** Drilling End Date: **9/15/2006**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8.5**	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
Filter Pack Intervals:	**25**	**180**	**Gravel**	**PEA**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**24**	**15**
	24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **GUESTIMATE**

Surface Completion: **Pitless Adapter Used**

Water Level: **100 ft.** below land surface, and **100 GPM** artesian flow on **2006-09-15** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
90-110/165-175	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**50**	**BROWN CLAY**
50	**90**	**WHITE LIMESTONE**
90	**110**	**BROWN ROCK**
110	**143**	**GRAY ROCK**
143	**146**	**RED SHALE**
146	**155**	**GRAY LIME**
155	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 160 LB			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Map ID 58: SDR - 8102 MOLINE LANE

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Map ID: 58

Source: Texas Water Development Board

Well Report Tracking Number: 92041

SDR - Submitted Drillers Report

Banks ID: 92041

Well Address: 8102 MOLINE LANE, WALL, TX 76957

Rel. Loc.: 0.57mi N

Completion Date: 2006-08-26

Drill Depth: 180.0

Owner: LAND DEVELOPMENT COMPANY

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-08-26
Company Name:	WOEHL DRILLING 32
Driller Name:	Courtney Woehl
Commentary:	Amended Ref# 3964 10/13/06

Bore Hole Completion

Well Report Tracking Number:	92041
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	92041
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	92041
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	92041
Measurement:	100

Sites in Map ID 58 Cluster

Dataset	Well Name	Well Address	Page #
SDR	LAND DEVELOPMENT COMPANY	8101 IRON HORSE DRIVE, WALL, TX., TX 76957	276
SDR	LAND DEVELOPMENT COMPANY	8102 MOLINE LANE, WALL, TX 76957	279

STATE OF TEXAS WELL REPORT for Tracking #92041

Owner:	**LAND DEVELOPMENT COMPANY**	Owner Well #:	**4**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8102 MOLINE LANE WALL, TX 76957**	Latitude:	**31° 22' 44" N**
		Longitude:	**100° 18' 17" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **8/26/2006** Drilling End Date: **8/26/2006**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8.5**	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
Filter Pack Intervals:	**25**	**180**	**Gravel**	**PEA SIZE**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**24**	**20 CEMENT**
	24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **GUESTIMATE**

Surface Completion: **Pitless Adapter Used**

Water Level: **100 ft.** below land surface on **2006-08-26** Measurement Method: **Unknown**

Packers: **N/A**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 25 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
130-134\150-155	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING 32**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **Amended Ref# 3964 10/13/06**

Report Amended on by Request #3964

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**3**	**DIRT**
3	**50**	**WHITE ROCK**
50	**105**	**BROWN ROCK**
105	**125**	**YELLOW ROCK**
125	**180**	**GRAY SHALE**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 FT 160 LB			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 59: SDR - 8126 WATERLOO DRIVE

Map ID: 59

Source: Texas Water Development Board

Well Report Tracking Number: 94651

SDR - Submitted Drillers Report

Banks ID: 94651

Well Address: 8126 WATERLOO DRIVE, WALL, TX 76957

Rel. Loc.: 0.57mi NE

Completion Date: 2006-10-02

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-02
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	94651
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	94651
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94651
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94651
Measurement:	76

STATE OF TEXAS WELL REPORT for Tracking #94651

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**26**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8126 WATERLOO DRIVE WALL, TX 76957**	Latitude:	**31° 22' 43" N**
		Longitude:	**100° 18' 12" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/2/2006** Drilling End Date: **10/2/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**15**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **76 ft.** below land surface, and **100 GPM** artesian flow on **2006-10-02** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
90-118/150-165	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**50**	**BROWN CLAY**
50	**80**	**WHITE LIMESTONE**
80	**105**	**BROWN ROCK**
105	**118**	**YELLOW ROCK**
118	**121**	**GRAY ROCK**
121	**145**	**GRAY LIME**
145	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.) New/Used Type Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 FT 160 LB

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 61: SDR - 8113 IRON HORSE DRIVE

Map ID: 61

Source: Texas Water Development Board

Well Report Tracking Number: 92931

SDR - Submitted Drillers Report

Banks ID: 92931

Well Address: 8113 IRON HORSE DRIVE, WALL, TX., TX 76957

Rel. Loc.: 0.58mi N

Completion Date: 2006-09-15

Drill Depth: 180.0

Owner: LAND DEVELOPMENT COMPANY

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-15
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	92931
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	92931
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	92931
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	92931
Measurement:	100

STATE OF TEXAS WELL REPORT for Tracking #92931

Owner:	**LAND DEVELOPMENT COMPANY**	Owner Well #:	**12**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8113 IRON HORSE DRIVE WALL, TX., TX 76957**	Latitude:	**31° 22' 44" N**
		Longitude:	**100° 18' 14" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/15/2006** Drilling End Date: **9/15/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**15**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **GUESTIMATE**

Surface Completion: **Pitless Adapter Used**

Water Level: **100 ft.** below land surface, and **100 GPM** artesian flow on **2006-09-15** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
150-165	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**45**	**BROWN CLAY**
45	**105**	**WHITE ROCK**
105	**120**	**BROWN ROCK**
120	**150**	**GRAY LIME**
150	**165**	**GRAY ROCK**
165	**171**	**GRAY LIME**
171	**180**	**BLACK ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.) New/Used Type Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 160 LB

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Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 62: SDR - 8138 WATERLOO DRIVE

Map ID: 62

Source: Texas Water Development Board

Well Report Tracking Number: 94652

SDR - Submitted Drillers Report

Banks ID: 94652

Well Address: 8138 WATERLOO DRIVE, WALL, TX 76957

Rel. Loc.: 0.58mi NE

Completion Date: 2006-10-03

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	1865
Type Of Work:	New Well
Drilling Start Date:	2006-10-03
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	94652
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	94652
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94652
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94652
Measurement:	76

STATE OF TEXAS WELL REPORT for Tracking #94652

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**27**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8138 WATERLOO DRIVE WALL, TX 76957**	Latitude:	**31° 22' 43" N**
		Longitude:	**100° 18' 10" W**
Well County:	**Tom Green**	Elevation:	**1865 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/3/2006** Drilling End Date: **10/3/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**15**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **76 ft.** below land surface, and **100 GPM** artesian flow on **2006-10-03** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
90-110/150-160	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**50**	**BROWN CLAY**
50	**85**	**WHITE LIMESTONE**
85	**90**	**YELLOW LIME**
90	**110**	**YELLOW ROCK**
110	**125**	**YELLOW LIME**
125	**145**	**GRAY LIME**
145	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 FT 160 LB			

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Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 64: SDR - 8125 IRON HORSE DRIVE

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Map ID: 64

Source: Texas Water Development Board

Well Report Tracking Number: 92040

SDR - Submitted Drillers Report

Banks ID: 92040

Well Address: 8125 IRON HORSE DRIVE, WALL, TX 76957

Rel. Loc.: 0.59mi N

Completion Date: 2006-08-25

Drill Depth: 190.0

Owner: LAND DEVELOPMENT COMPANY

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-08-25
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	92040
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	92040
Diameter:	8.5
Top Depth:	0
Bottom Depth:	190

Drilling Method

Well Report Tracking Number:	92040
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	92040
Measurement:	120

STATE OF TEXAS WELL REPORT for Tracking #92040

Owner:	**LAND DEVELOPMENT COMPANY**	Owner Well #:	**3**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8125 IRON HORSE DRIVE WALL, TX 76957**	Latitude:	**31° 22' 44" N**
		Longitude:	**100° 18' 12" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **8/25/2006** Drilling End Date: **8/25/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**190**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**190**	**Gravel**	**PEA SIZE**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**20 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **GUESTIMATE**

Surface Completion: **Pitless Adapter Used**

Water Level: **120 ft.** below land surface, and **30 GPM** artesian flow on **2006-08-25** Measurement Method: **Unknown**

Packers: **N/A**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 30 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
150-155	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**50**	**BROWN CLAY**
50	**78**	**WHITE ROCK**
78	**85**	**BROWN SHALE**
85	**98**	**BROWN ROCK**
98	**150**	**GRAY LIME**
150	**190**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 IN NEW PLASTIC 0-190 FT 160 LB			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 67: SDR - 8150 WATERLOO DRIVE

Map ID: 67

Source: Texas Water Development Board

Well Report Tracking Number: 94653

SDR - Submitted Drillers Report

Banks ID: 94653

Well Address: 8150 WATERLOO DRIVE, WALL, TX 76957

Rel. Loc.: 0.60mi NE

Completion Date: 2006-10-03

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	1849
Type Of Work:	New Well
Drilling Start Date:	2006-10-03
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	94653
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	94653
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94653
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94653
Measurement:	76

STATE OF TEXAS WELL REPORT for Tracking #94653

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**28**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8150 WATERLOO DRIVE WALL, TX 76957**	Latitude:	**31° 22' 43" N**
		Longitude:	**100° 18' 08" W**
Well County:	**Tom Green**	Elevation:	**1849 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/3/2006** Drilling End Date: **10/3/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**15**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **76 ft.** below land surface, and **100 GPM** artesian flow on **2006-10-03** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
90-110/150-155	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**50**	**BROWN CLAY**
50	**85**	**WHITE ROCK**
85	**115**	**BROWN ROCK**
115	**130**	**YELLOW LIME**
130	**145**	**GRAY LIME**
145	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 FT 160 LB			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 68: SDR - 8197 WATERLOO DRIVE

Map ID: 68

Source: Texas Water Development Board

Well Report Tracking Number: 94080

SDR - Submitted Drillers Report

Banks ID: 94080

Well Address: 8197 WATERLOO DRIVE, WALL, TX 76957

Rel. Loc.: 0.60mi NE

Completion Date: 2006-09-30

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1866.80 ft (-1.21 ft)

Number Of Wells Drilled:	
Elevation:	1856
Type Of Work:	New Well
Drilling Start Date:	2006-09-30
Company Name:	WOEHL DRILLING # 2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	94080
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	94080
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94080
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94080
Measurement:	76

STATE OF TEXAS WELL REPORT for Tracking #94080

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**23**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8197 WATERLOO DRIVE WALL, TX 76957**	Latitude:	**31° 22' 38" N**
		Longitude:	**100° 17' 59" W**
Well County:	**Tom Green**	Elevation:	**1856 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/30/2006** Drilling End Date: **9/30/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**15 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **76 ft.** below land surface, and **100 GPM** artesian flow on **2006-09-30** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
90-135/150-165	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING # 2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**55**	**BROWN CLAY**
55	**90**	**WHITE LIMESTONE**
90	**130**	**YELLOW ROCK**
130	**145**	**RED LIME**
145	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180FT 160 LB			

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Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 69: SDR - Loop 570

Map ID: 69

Source: Texas Water Development Board

Well Report Tracking Number: 310915

SDR - Submitted Drillers Report

Banks ID: 310915

Well Address: Loop 570, San Angelo, TX

Rel. Loc.: 0.61mi W

Completion Date: 2012-11-08

Drill Depth: 160.0

Owner: Dale Wilde

Elevation: 1860.24 ft (-7.78 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2012-11-07
Company Name:	Michael C. Helscher
Driller Name:	Michael Carl Hoelscher
Commentary:	^EAD

Bore Hole Completion

Well Report Tracking Number:	310915
Bore Hole Completion:	Straight Wall
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number	Diameter	Top Depth	Bottom Depth
310915	6	18	160
310915	8	0	18

Drilling Method

Well Report Tracking Number:	310915
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	310915
Measurement:	85

STATE OF TEXAS WELL REPORT for Tracking #310915

Owner:	**Dale Wilde**	Owner Well #:	**No Data**
Address:	**PO Box 292 Wall, TX 76957**	Grid #:	**43-46-2**
Well Location:	**Loop 570 San Angelo, TX**	Latitude:	**31° 22' 25" N**
		Longitude:	**100° 18' 59" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Stock**

Drilling Start Date: **11/7/2012** Drilling End Date: **11/8/2012**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8	**0**	**18**
6	**18**	**160**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
-1	**18**	**7**

Seal Method: **Cement Slurry**

Sealed By: **Driller**

Distance to Property Line (ft.): **200**

Distance to Septic Field or other concentrated contamination (ft.): **None**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Measured**

Surface Completion: **Surface Sleeve Installed**

Water Level: **85 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **Rubber 18'**

Type of Pump: **Capped**

Well Tests: **Jetted** **Yield: 80 GPM**

Water Quality:	Strata Depth (ft.)	Water Type
	98-117, 120, 127, 140	**Good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Michael C. Helscher**

11385 FM 765
San Angelo, TX 76905

Driller Name: **Michael C. Hoelscher** License Number: **2409**

Comments: **^EAD**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**4**	**topsoil**
4	**55**	**red clay**
55	**95**	**white lime**
95	**118**	**conglomerant**
118	**127**	**bluish-green lime**
127	**160**	**gray shale**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" PVC Sch 40 +1'-160'			
Slotted 80'-160'			

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Map ID 71: SDR - 8162 Waterloo

Map ID: 71

Source: Texas Water Development Board

Well Report Tracking Number: 94451

SDR - Submitted Drillers Report

Banks ID: 94451

Well Address: 8162 Waterloo, Wall, TX 76957

Rel. Loc.: 0.61mi NE

Completion Date: 2006-10-04

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-04
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
94451	Filter Packed	
94451	Open Hole	

Bore Hole Info

Well Report Tracking Number:	94451
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94451
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94451
Measurement:	100

STATE OF TEXAS WELL REPORT for Tracking #94451

Owner:	**Lipan Developement Co.**	Owner Well #:	**24**
Address:	**8162 Waterloo Wall, TX 76957**	Grid #:	**43-38-8**
		Latitude:	**31° 22' 43" N**
Well Location:	**8162 Waterloo Wall, TX 76957**	Longitude:	**100° 18' 06" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/4/2006** Drilling End Date: **10/4/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 11**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **100 ft.** below land surface on **2006-10-04** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 125 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)	Water Type
114' 160'	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**4**	**dirt**
4	**56**	**brown clay**
56	**114**	**brown rock**
114	**124**	**yellow clay**
124	**136**	**blue clay**
136	**149**	**red clay**
149	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" new PVC -2 to 180 1/8			

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P.O. Box 12157
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(512) 334-5540

Map ID 72: SDR - 4587 south

Map ID: 72

Source: Texas Water Development Board

Well Report Tracking Number: 395147

SDR - Submitted Drillers Report

Banks ID: 395147

Well Address: 4587 south, San Angelo, TX 76904

Rel. Loc.: 0.61mi W

Completion Date: 2015-04-15

Drill Depth: 180.0

Owner: Harvey Wilde

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	1850
Type Of Work:	New Well
Drilling Start Date:	2015-04-14
Company Name:	Michael C Hoelscher
Driller Name:	Michael Carl Hoelscher
Commentary:	^LA

Bore Hole Completion

Well Report Tracking Number:	395147
Bore Hole Completion:	Straight Wall
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number	Diameter	Top Depth	Bottom Depth
395147	10	20	180
395147	13	0	20

Drilling Method

Well Report Tracking Number:	395147
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	395147
Measurement:	80

STATE OF TEXAS WELL REPORT for Tracking #395147

Owner:	**Harvey Wilde**	Owner Well #:	**No Data**
Address:	**7902 Woods Rd San Angelo, TX 76904**	Grid #:	**43-46-2**
Well Location:	**4587 south San Angelo, TX 76904**	Latitude:	**31° 22' 20" N**
		Longitude:	**100° 19' 01" W**
Well County:	**Tom Green**	Elevation:	**1850 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Irrigation**

Drilling Start Date: **4/14/2015** Drilling End Date: **4/15/2015**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
13	**0**	**20**
10	**20**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**21**	**11 cement**

Seal Method: **cement slurry**

Sealed By: **Driller**

Distance to Property Line (ft.): **70**

Distance to Septic Field or other concentrated contamination (ft.): **none**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **look**

Surface Completion: **Surface Sleeve Installed**

Water Level: **80 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **rubber 21'**

Type of Pump: **capped**

Well Tests: **Jetted** **Yield: 250 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
No Data	**100-110, 122, 134, 145**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Michael C Hoelscher**

11385 FM 765
San Angelo, TX 76905

Driller Name: **Michael C Hoelscher** License Number: **2409**

Comments: **^LA**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

From (ft)	To (ft)	Description
0	**3**	**topsoil**
3	**50**	**red clay**
50	**78**	**white lime & clay**
78	**105**	**conglomerate**
105	**115**	**yellow lime**
115	**125**	**bluish-green lime**
125	**170**	**blue shale & clay**
170	**180**	**gray lime & shale**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
10"	**steel**	**+1**	**20**
8"	**PVC Sch 40**	**+1**	**180**
slotted		**80**	**180**

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(512) 334-5540

Map ID 73: SDR - 8201 Waterloo

Map ID: 73

Source: Texas Water Development Board

Well Report Tracking Number: 94050

SDR - Submitted Drillers Report

Banks ID: 94050

Well Address: 8201 Waterloo, Wall, TX 76957

Rel. Loc.: 0.62mi NE

Completion Date: 2006-09-29

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1866.80 ft (-1.21 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-29
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
94050	Filter Packed	
94050	Open Hole	

Bore Hole Info

Well Report Tracking Number:	94050
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94050
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94050
Measurement:	100

STATE OF TEXAS WELL REPORT for Tracking #94050

Owner:	**Lipan Developement Co.**	Owner Well #:	**17**
Address:	**8201 Waterloo Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8201 Waterloo Wall, TX 76957**	Latitude:	**31° 22' 38" N**
		Longitude:	**100° 17' 58" W**
Well County:	**Tom Green**	Elevation:	**No Data**

Type of Work: **New Well** Proposed Use: **Domestic**

Drilling Start Date: **9/29/2006** Drilling End Date: **9/29/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 10**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **100 ft.** below land surface on **2006-09-29** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 95 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)	Water Type
111' 161'	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**4**	**dirt**
4	**59**	**brown clay**
59	**116**	**brown rock**
116	**129**	**brown clay**
129	**133**	**yellow clay**
133	**136**	**blue clay**
136	**146**	**red clay**
146	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" new PVC -2 to 180 1/8			

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(512) 334-5540

Map ID 74: SDR - Bean Rd. & Loo[p 570 South

Map ID: 74

Source: Texas Water Development Board

Well Report Tracking Number: 517838

SDR - Submitted Drillers Report

Banks ID: 517838

Well Address: Bean Rd. & Loo[p 570 South, San Angelo, TX 76905

Rel. Loc.: 0.62mi NW

Completion Date: 2019-02-01

Drill Depth: 180.0

Owner: Dan Wilde

Elevation: 1856.96 ft (-11.06 ft)

Number Of Wells Drilled:	1
Elevation:	1860
Type Of Work:	New Well
Drilling Start Date:	2019-01-31
Company Name:	MICHAEL C HOELSCHER
Driller Name:	Michael Carl Hoelscher
Commentary:	Water Levels: 90, 110, 120, 125, 135

Bore Hole Completion

Well Report Tracking Number:	517838
Bore Hole Completion:	Straight Wall
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number	Diameter	Top Depth	Bottom Depth
517838	6	18	180
517838	8	0	18

Drilling Method

Well Report Tracking Number:	517838
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	517838
Measurement:	40

STATE OF TEXAS WELL REPORT for Tracking #517838

Owner:	**Dan Wilde**	Owner Well #:	**No Data**
Address:	**PO Box 300 Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**Bean Rd. & Loo[p 570 South San Angelo, TX 76905**	Latitude:	**31° 22' 37" N**
		Longitude:	**100° 18' 52" W**
Well County:	**Tom Green**	Elevation:	**1860 ft. above sea level**

Type of Work: **New Well** Proposed Use: **Domestic**

Drilling Start Date: **1/31/2019** Drilling End Date: **2/1/2019**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8	**0**	**18**
6	**18**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
-1	**18**	**Cement 6 Bags/Sacks**

Seal Method: **Slurry**

Sealed By: **Driller**

Distance to Property Line (ft.): **60**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **n/a**

Method of Verification: **Tape**

Surface Completion: **Surface Sleeve Installed** **Surface Completion by Driller**

Water Level: **40 ft.** below land surface on **2019-02-01**

Packers: **Rubber at 18 ft.**

Type of Pump: **Capped**

Well Tests: **Jetted** **Yield: 150 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
90	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **MICHAEL C HOELSCHER**

1385 FM 765
SAN ANGELO, TX 76905

Driller Name: **Michael Hoelscher** License Number: **2409**

Comments: **Water Levels: 90, 110, 120, 125, 135**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**Topsoil**
3	**27**	**Red Clay**
27	**90**	**White Lime & Clay**
90	**115**	**Conglomerate**
115	**135**	**Blue Lime**
135	**140**	**Blue Shale**
140	**155**	**Gray Shale**
155	**170**	**Red Clay**
170	**180**	**Gray Lime**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
5	**Blank**	**New Plastic (PVC)**		**-1**	**180**
	Perforated or Slotted			**100**	**180**

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Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 76: SDR - 8149 Iron Horse

Map ID: 76

Source: Texas Water Development Board

Well Report Tracking Number: 94449

SDR - Submitted Drillers Report

Banks ID: 94449

Well Address: 8149 Iron Horse, Wall, TX 76957

Rel. Loc.: 0.64mi NE

Completion Date: 2006-10-03

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-03
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
94449	Filter Packed	
94449	Open Hole	

Bore Hole Info

Well Report Tracking Number:	94449
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94449
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94449
Measurement:	100

STATE OF TEXAS WELL REPORT for Tracking #94449

Owner:	**Lipan Developement Co.**	Owner Well #:	**22**
Address:	**8149 Iron Horse Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8149 Iron Horse Wall, TX 76957**	Latitude:	**31° 22' 45" N**
		Longitude:	**100° 18' 08" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/3/2006** Drilling End Date: **10/3/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 10**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **100 ft.** below land surface on **2006-10-03** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 75 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)	Water Type
98' 150'	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**4**	**dirt**
4	**56**	**brown clay**
56	**118**	**brown rock**
118	**129**	**blue clay**
129	**147**	**red clay**
147	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5"	**new**	**PVC**	**-2 to 180 1/8**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 79: SDR - 8161 IRON HORSE DRIVE

Map ID: 79

Source: Texas Water Development Board

Well Report Tracking Number: 94654

SDR - Submitted Drillers Report

Banks ID: 94654

Well Address: 8161 IRON HORSE DRIVE, WALL, TX 76957

Rel. Loc.: 0.64mi NE

Completion Date: 2006-10-05

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-05
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	94654
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	94654
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94654
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94654
Measurement:	76

STATE OF TEXAS WELL REPORT for Tracking #94654

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**29**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8161 IRON HORSE DRIVE WALL, TX 76957**	Latitude:	**31° 22' 44" N**
		Longitude:	**100° 18' 05" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/5/2006** Drilling End Date: **10/5/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**15**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **76 ft.** below land surface, and **100 GPM** artesian flow on **2006-10-05** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
90-110/155-160	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**50**	**BROWN CLAY**
50	**80**	**WHITE LIMESTONE**
80	**125**	**BROWN ROCK**
125	**135**	**YELLOW LIME**
135	**145**	**RED LIME**
145	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 FT 160 LB			

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P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 80: SDR - 8174 IRON HORSE DRIVE

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Map ID: 80

Source: Texas Water Development Board

Well Report Tracking Number: 94655

SDR - Submitted Drillers Report

Banks ID: 94655

Well Address: 8174 IRON HORSE DRIVE, WALL, TX 76957

Rel. Loc.: 0.64mi NE

Completion Date: 2006-10-05

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	1851
Type Of Work:	New Well
Drilling Start Date:	2006-10-05
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	94655
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	94655
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94655
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94655
Measurement:	75

STATE OF TEXAS WELL REPORT for Tracking #94655

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**30**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8174 IRON HORSE DRIVE WALL, TX 76957**	Latitude:	**31° 22' 43" N**
		Longitude:	**100° 18' 03" W**
Well County:	**Tom Green**	Elevation:	**1851 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/5/2006** Drilling End Date: **10/5/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**15**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **75 ft.** below land surface, and **100 GPM** artesian flow on **2006-10-05** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
150-155	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**50**	**BROWN CLAY**
50	**85**	**WHITE LIMESTONE**
85	**115**	**BROWN ROCK**
115	**150**	**RED LIME**
150	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 FT 160 LB			

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Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 81: SDR - 8102 IRON HORSE DRIVE

Map ID: 81

Source: Texas Water Development Board

Well Report Tracking Number: 96731

SDR - Submitted Drillers Report

Banks ID: 96731

Well Address: 8102 IRON HORSE DRIVE, WALL, TX 76957

Rel. Loc.: 0.64mi N

Completion Date: 2006-10-20

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1860.24 ft (-7.78 ft)

Number Of Wells Drilled:	
Elevation:	1839
Type Of Work:	New Well
Drilling Start Date:	2006-10-20
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	96731
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	96731
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	96731
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	96731
Measurement:	75

STATE OF TEXAS WELL REPORT for Tracking #96731

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**43**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8102 IRON HORSE DRIVE WALL, TX 76957**	Latitude:	**31° 22' 48" N**
		Longitude:	**100° 18' 17" W**
Well County:	**Tom Green**	Elevation:	**1839 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/20/2006** Drilling End Date: **10/20/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
0	**24**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**14 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **58**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **75 ft.** below land surface, and **100 GPM** artesian flow on **2006-10-20** Measurement Method: **Unknown**

Packers: **1 BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
95-120/150-160	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**55**	**BROWN CLAY**
55	**85**	**WHITE LIMESTONE**
85	**125**	**BROWN ROCK**
125	**135**	**YELLOW LIME**
135	**145**	**GRAY LIME**
145	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 IN NEW PLASTIC 0-180 FT 160 LB			

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(512) 334-5540

Map ID 82: SDR - 8174 Waterloo

Map ID: 82

Source: Texas Water Development Board

Well Report Tracking Number: 96910

SDR - Submitted Drillers Report

Banks ID: 96910

Well Address: 8174 Waterloo, Wall, TX 76957

Rel. Loc.: 0.65mi NE

Completion Date: 2006-10-21

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-20
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
96910	Filter Packed	
96910	Open Hole	

Bore Hole Info

Well Report Tracking Number:	96910
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	96910
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	96910
Measurement:	95

STATE OF TEXAS WELL REPORT for Tracking #96910

Owner:	**Lipan Developement Co.**	Owner Well #:	**40**
Address:	**8174 Waterloo Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8174 Waterloo Wall, TX 76957**	Latitude:	**31° 22' 43" N**
		Longitude:	**100° 18' 02" W**
Well County:	**Tom Green**	Elevation:	**No Data**

Type of Work: **New Well** Proposed Use: **Domestic**

Drilling Start Date: **10/20/2006** Drilling End Date: **10/21/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 11**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **95 ft.** below land surface on **2006-10-21** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Pump** **Yield: 45 GPM with 40 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)		Water Type
105'	151'	good

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	4	dirt
4	55	brown clay
55	109	brown rock
109	118	brown clay
118	126	brown rock
126	132	yellow clay
132	148	red clay
148	180	grey rock

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5"	new	PVC	-2 to 180 1/8

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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(512) 334-5540

Map ID 83: SDR - Loop 570

Map ID: 83		**Source: Texas Water Development Board**
Well Report Tracking Number: 197223	**SDR - Submitted Drillers Report**	**Banks ID: 197223**
Well Address: Loop 570, Wall, TX		**Rel. Loc.: 0.65mi NE**
Completion Date: 2007-07-12		**Drill Depth: 195.0**
Owner: St. Ambrose Church		**Elevation: 1866.80 ft (-1.21 ft)**

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2007-07-11
Company Name:	Michael C. Hoelscher
Driller Name:	Michael Carl Hoelscher
Commentary:	$scd

Bore Hole Completion

Well Report Tracking Number:	197223
Bore Hole Completion:	Straight Wall
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number	Diameter	Top Depth	Bottom Depth
197223	10	0	15
197223	8	15	195

Drilling Method

Well Report Tracking Number:	197223
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	197223
Measurement:	60

STATE OF TEXAS WELL REPORT for Tracking #197223

Owner:	**St. Ambrose Church**	Owner Well #:	**No Data**
Address:	**P.O. Wall, TX 76957**	Grid #:	**43-38-8**
		Latitude:	**31° 22' 37" N**
Well Location:	**Loop 570 Wall, TX**	Longitude:	**100° 17' 54" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Irrigation**

Drilling Start Date: **7/11/2007** Drilling End Date: **7/12/2007**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
10	**0**	**15**
8	**15**	**195**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**15**	**7**

Seal Method: **cement slurry**

Sealed By: **Driller**

Distance to Property Line (ft.): **50**

Distance to Septic Field or other concentrated contamination (ft.): **none**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **measure**

Surface Completion: **Surface Sleeve Installed**

Water Level: **60 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **none**

Type of Pump: **No Data**

Well Tests: **Jetted** **Yield: 200 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
90-115, 155, 172	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Michael C. Hoelscher**

11385 FM 765
San Angelo, TX 76905

Driller Name: **Michael C. Hoelscher** License Number: **2409**

Comments: **$scd**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**topsoil**
3	**58**	**red clay**
58	**70**	**white lime**
70	**115**	**conglomerate**
115	**125**	**yellow lime**
125	**130**	**bluish-green clay**
130	**150**	**red clay**
150	**195**	**gray lime and blue shale**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
8	**steel**	**pipe**	**0-15**
6	**PVC**		**0-195**
slotted			**95-195**

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Map ID 84: SDR - 8213 WATERLOO DRIVE

Map ID: 84

Source: Texas Water Development Board

Well Report Tracking Number: 94079

SDR - Submitted Drillers Report

Banks ID: 94079

Well Address: 8213 WATERLOO DRIVE, WALL, TX 76957

Rel. Loc.: 0.65mi NE

Completion Date: 2006-09-29

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1866.80 ft (-1.21 ft)

Number Of Wells Drilled:	
Elevation:	1860
Type Of Work:	New Well
Drilling Start Date:	2006-09-29
Company Name:	WOEHL DRILLING # 2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	94079
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	94079
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94079
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94079
Measurement:	75

STATE OF TEXAS WELL REPORT for Tracking #94079

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**22**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8213 WATERLOO DRIVE WALL, TX 76957**	Latitude:	**31° 22' 38" N**
		Longitude:	**100° 17' 55" W**
Well County:	**Tom Green**	Elevation:	**1860 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/29/2006** Drilling End Date: **9/29/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**15 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **75 ft.** below land surface, and **100 GPM** artesian flow on **2006-09-29** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
80-115/160-165	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING # 2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**55**	**BROWN CLAY**
55	**80**	**WHITE LIMESTONE**
80	**125**	**BROWN ROCK**
125	**135**	**YELLOW LIME**
135	**145**	**RED LIME**
145	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180FT 160 LB			

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Map ID 85: SDR - 8186 WATERLOO

Map ID: 85

Source: Texas Water Development Board

Well Report Tracking Number: 92928

SDR - Submitted Drillers Report

Banks ID: 92928

Well Address: 8186 WATERLOO, WALL, TX., TX 76957

Rel. Loc.: 0.66mi NE

Completion Date: 2006-09-14

Drill Depth: 180.0

Owner: LAND DEVELOPMENT COMPANY

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-14
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	92928
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	92928
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	92928
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	92928
Measurement:	90

STATE OF TEXAS WELL REPORT for Tracking #92928

Owner:	**LAND DEVELOPMENT COMPANY**	Owner Well #:	**10**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8186 WATERLOO WALL, TX., TX 76957**	Latitude:	**31° 22' 43" N**
		Longitude:	**100° 18' 01" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/14/2006** Drilling End Date: **9/14/2006**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8.5**	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
Filter Pack Intervals:	**25**	**180**	**Gravel**	**PEA**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**24**	**15**
	24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **GUESTIMATE**

Surface Completion: **Pitless Adapter Used**

Water Level: **90 ft.** below land surface, and **100 GPM** artesian flow on **2006-09-14** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
100-120/150-170	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**55**	**BROWN CLAY**
55	**80**	**WHITE LIMESTONE**
80	**120**	**YELLOW ROCK**
120	**145**	**GRAY LIME**
145	**160**	**GRAY ROCK**
160	**180**	**BLACK ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 160 LB			

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Map ID 86: SDR - 8173 Ironhorse

Map ID: 86

Source: Texas Water Development Board

Well Report Tracking Number: 96909

SDR - Submitted Drillers Report

Banks ID: 96909

Well Address: 8173 Ironhorse, Wall, TX 76957

Rel. Loc.: 0.66mi NE

Completion Date: 2006-10-20

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-19
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	Amended 11/3/06 Ref.#4024

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
96909	Filter Packed	
96909	Open Hole	

Bore Hole Info

Well Report Tracking Number:	96909
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	96909
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	96909
Measurement:	105

STATE OF TEXAS WELL REPORT for Tracking #96909

Owner:	**Lipan Developement Co.**	Owner Well #:	**39**
Address:	**8173 Ironhorse Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8173 Ironhorse Wall, TX 76957**	Latitude:	**31° 22' 44" N**
		Longitude:	**100° 18' 03" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/19/2006** Drilling End Date: **10/20/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 11**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **105 ft.** below land surface on **2006-10-20** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Pump** **Yield: 75 GPM with 25 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)	Water Type
120' 150'	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **Amended 11/3/06 Ref.#4024**

Report Amended on by Request #4024

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**4**	**dirt**
4	**57**	**brown clay**
57	**110**	**brown rock**
110	**118**	**brown clay**
118	**126**	**brown rock**
126	**136**	**yellow clay**
136	**147**	**red clay**
147	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" new PVC -2 to 180 1/8			

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Map ID 88: SDR - 8173 Ironhorse Dr.

Map ID: 88

Source: Texas Water Development Board

Well Report Tracking Number: 95360

SDR - Submitted Drillers Report

Banks ID: 95360

Well Address: 8173 Ironhorse Dr., Wall, TX 76957

Rel. Loc.: 0.67mi NE

Completion Date: 2006-10-05

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-04
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
95360	Filter Packed	
95360	Open Hole	

Bore Hole Info

Well Report Tracking Number:	95360
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	95360
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	95360
Measurement:	110

STATE OF TEXAS WELL REPORT for Tracking #95360

Owner:	**Lipan Developement Co.**	Owner Well #:	**25**
Address:	**8173 Ironhorse Dr. Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8173 Ironhorse Dr. Wall, TX 76957**	Latitude:	**31° 22' 45" N**
		Longitude:	**100° 18' 04" W**
Well County:	**Tom Green**	Elevation:	**No Data**

Type of Work: **New Well** Proposed Use: **Domestic**

Drilling Start Date: **10/4/2006** Drilling End Date: **10/5/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 10**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **54**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **110 ft.** below land surface on **2006-10-05** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 30 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)		Water Type
112'	160'	good

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	4	dirt
4	59	brown rock
59	102	brown clay
106	126	brown rock
126	136	yellow clay
136	149	red clay
149	180	grey rock

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" new PVC -2 to 180 1/8			

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Map ID 89: SDR - 8225 Waterloo

Map ID: 89

Source: Texas Water Development Board

Well Report Tracking Number: 94049

SDR - Submitted Drillers Report

Banks ID: 94049

Well Address: 8225 Waterloo, Wall, TX 76957

Rel. Loc.: 0.67mi NE

Completion Date: 2006-09-29

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1866.80 ft (-1.21 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-28
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
94049	Filter Packed	
94049	Open Hole	

Bore Hole Info

Well Report Tracking Number:	94049
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94049
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94049
Measurement:	90

STATE OF TEXAS WELL REPORT for Tracking #94049

Owner:	**Lipan Developement Co.**	Owner Well #:	**16**
Address:	**8225 Waterloo Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8225 Waterloo Wall, TX 76957**	Latitude:	**31° 22' 38" N**
		Longitude:	**100° 17' 53" W**
Well County:	**Tom Green**	Elevation:	**No Data**

Type of Work: **New Well** Proposed Use: **Domestic**

Drilling Start Date: **9/28/2006** Drilling End Date: **9/29/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 10**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **90 ft.** below land surface on **2006-09-29** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)		Water Type
98'	159'	good

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	4	dirt
4	57	brown clay
57	127	brown rock
127	140	red bed
140	158	blue clay
158	180	grey rock

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5"	new	PVC	-2 to 180 1/8

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 90: SDR - Bean Rd.

Map ID: 90		**Source: Texas Water Development Board**
Well Report Tracking Number: 149489	**SDR - Submitted Drillers Report**	**Banks ID: 149489**
Well Address: Bean Rd., Wall, TX 76957		**Rel. Loc.: 0.67mi NW**
Completion Date: 2008-05-28		**Drill Depth: 160.0**
Owner: Wall Brethern Church		**Elevation: 1856.96 ft (-11.06 ft)**

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2008-05-27
Company Name:	Michael C. Hoelscher
Driller Name:	Michael Carl Hoelscher
Commentary:	^EO

Bore Hole Completion

Well Report Tracking Number:	149489
Bore Hole Completion:	Straight Wall
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number	Diameter	Top Depth	Bottom Depth
149489	6	18	160
149489	8	0	18

Drilling Method

Well Report Tracking Number:	149489
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	149489
Measurement:	60

STATE OF TEXAS WELL REPORT for Tracking #149489

Owner:	**Wall Brethern Church**	Owner Well #:	**No Data**
Address:	**PO Box 195 Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**Bean Rd. Wall, TX 76957**	Latitude:	**31° 22' 41" N**
		Longitude:	**100° 18' 51" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **5/27/2008** Drilling End Date: **5/28/2008**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8	**0**	**18**
6	**18**	**160**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**18**	**6**

Seal Method: **Cement Slurry**

Sealed By: **Driller**

Distance to Property Line (ft.): **55**

Distance to Septic Field or other concentrated contamination (ft.): **None**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Measured**

Surface Completion: **Surface Sleeve Installed**

Water Level: **60 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **Rubber 18'**

Type of Pump: **Capped**

Well Tests: **Jetted** **Yield: 100 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
58-60, 95-105, 118, 135	**Good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Michael C. Hoelscher**

11385 FM 765
San Angelo, TX 76905

Driller Name: **Michael C. Hoelscher** License Number: **2409**

Comments: **^EO**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**4**	**topsoil**
4	**40**	**red clay**
40	**55**	**white lime**
55	**80**	**conglomerated**
80	**95**	**yellow med. clay**
95	**105**	**conglomerant**
105	**127**	**bluish green lime**
127	**140**	**blue shale**
140	**160**	**gray lime shale**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" PVC 0'-160'			
Slotted 80'-160'			

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(512) 334-5540

Map ID 91: SDR - 8185 Iron Horse

Map ID: 91

Source: Texas Water Development Board

Well Report Tracking Number: 93735

SDR - Submitted Drillers Report

Banks ID: 93735

Well Address: 8185 Iron Horse, Wall, TX 76957

Rel. Loc.: 0.67mi NE

Completion Date: 2006-09-21

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-21
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
93735	Filter Packed	
93735	Open Hole	

Bore Hole Info

Well Report Tracking Number:	93735
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	93735
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	93735
Measurement:	95

STATE OF TEXAS WELL REPORT for Tracking #93735

Owner:	**Lipan Developement Co.**	Owner Well #:	**9**
Address:	**8185 Iron Horse Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8185 Iron Horse Wall, TX 76957**	Latitude:	**31° 22' 44" N**
		Longitude:	**100° 18' 01" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/21/2006** Drilling End Date: **9/21/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 12**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **95 ft.** below land surface on **2006-09-21** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)	Water Type
117' 152' 160'	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 23235
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**4**	**dirt**
4	**11**	**orange clay**
11	**59**	**brown clay**
59	**121**	**brown rock**
121	**126**	**yellow lime**
126	**134**	**blue lime**
134	**148**	**red bed**
148	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" new PVC -2 to 180 1/8			

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Map ID 93: SDR - 8126 IRON HORSE DRIVE

Map ID: 93

Source: Texas Water Development Board

Well Report Tracking Number: 95252

SDR - Submitted Drillers Report

Banks ID: 95252

Well Address: 8126 IRON HORSE DRIVE, WALL, TX 76957

Rel. Loc.: 0.69mi N

Completion Date: 2006-10-09

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1860.24 ft (-7.78 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-09
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	95252
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	95252
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	95252
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	95252
Measurement:	75

STATE OF TEXAS WELL REPORT for Tracking #95252

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**38**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8126 IRON HORSE DRIVE WALL, TX 76957**	Latitude:	**31° 22' 49" N**
		Longitude:	**100° 18' 11" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/9/2006** Drilling End Date: **10/9/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**13 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **75 ft.** below land surface on **2006-10-09** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 80 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
90-115/150-160	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**55**	**BROWN CLAY**
55	**70**	**WHITE LIMESTONE**
70	**115**	**BROWN ROCK**
115	**130**	**YELLOW LIME**
130	**145**	**GRAY LIME**
145	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 FT 160LB			

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Map ID 94: SDR - 8202 WATERLOO

Map ID: 94

Source: Texas Water Development Board

Well Report Tracking Number: 92925

SDR - Submitted Drillers Report

Banks ID: 92925

Well Address: 8202 WATERLOO, WALL, TX., TX 76957

Rel. Loc.: 0.69mi NE

Completion Date: 2006-09-14

Drill Depth: 180.0

Owner: LAND DEVELOPMENT COMPANY

Elevation: 1866.80 ft (-1.21 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-14
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	92925
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	92925
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	92925
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	92925
Measurement:	90

STATE OF TEXAS WELL REPORT for Tracking #92925

Owner:	**LAND DEVELOPMENT COMPANY**	Owner Well #:	**9**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8202 WATERLOO WALL, TX., TX 76957**	Latitude:	**31° 22' 43" N**
		Longitude:	**100° 17' 58" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/14/2006** Drilling End Date: **9/14/2006**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8.5**	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
Filter Pack Intervals:	**25**	**180**	**Gravel**	**PEA**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**24**	**15**
	24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **GUESTIMATE**

Surface Completion: **Pitless Adapter Used**

Water Level: **90 ft.** below land surface, and **100 GPM** artesian flow on **2006-09-14**

Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
100-115/150-160	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**55**	**BROWN CLAY**
55	**100**	**WHITE LIMESTONE**
100	**130**	**BROWN ROCK**
130	**145**	**YELLOW LIME**
145	**170**	**GRAY ROCK**
170	**180**	**BLACK ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 160 LB			

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Map ID 95: SDR - .125 miles N of Wall

Map ID: 95

Source: Texas Water Development Board

Well Report Tracking Number: 436033

SDR - Submitted Drillers Report

Banks ID: 436033

Well Address: .125 miles N of Wall, Wall, TX

Rel. Loc.: 0.69mi N

Completion Date: 2016-10-26

Drill Depth: 180.0

Owner: Kristen Oliver

Elevation: 1860.24 ft (-7.78 ft)

Number Of Wells Drilled:	1
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2016-10-25
Company Name:	Woehl Drilling & Service
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	436033
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	436033
Diameter:	8
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	436033
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	436033
Measurement:	75

STATE OF TEXAS WELL REPORT for Tracking #436033

Owner:	**Kristen Oliver**	Owner Well #:	**1**
Address:	**2553 Ridge Ln Christoval, TX 76935**	Grid #:	**43-38-8**
Well Location:	**.125 miles N of Wall Wall, TX**	Latitude:	**31° 22' 50.6" N**
		Longitude:	**100° 18' 17.2" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/25/2016** Drilling End Date: **10/26/2016**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8**	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
Filter Pack Intervals:	**50**	**180**	**Gravel**	**grade 5**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**1**	**50**	**Cement 21 Bags/Sacks**

Seal Method: **Gravity**

Sealed By: **Driller**

Variance Number: **n/a**

Distance to Property Line (ft.): **14**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **n/a**

Method of Verification: **tape**

Surface Completion: **Pitless Adapter Used** **Surface Completion by Driller**

Water Level: **75 ft.** below land surface, and **0 GPM** artesian flow on **2016-10-28** Measurement Method: **Weighted Line**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 1 hours**

Water Quality:

Strata Depth (ft.)	Water Type
96 - 98	**good**
145 - 150	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling & Service**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**4**	**dirt**
4	**48**	**brown clay**
48	**52**	**brown lime**
52	**89**	**conglomerate**
89	**112**	**brown limestone**
112	**115**	**grey clay**
115	**120**	**grey limestone**
120	**125**	**blue clay**
125	**180**	**grey limestone**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
10	**Blank**	**New Steel**	**40**	**-1**	**3**
5	**Blank**	**New Plastic (PVC)**	**40**	**-1**	**60**
5	**Perforated or Slotted**	**New Plastic (PVC)**	**0.125**	**60**	**180**

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Map ID 96: SDR - Bean Rd.

Map ID: 96

Source: Texas Water Development Board

Well Report Tracking Number: 149484

SDR - Submitted Drillers Report

Banks ID: 149484

Well Address: Bean Rd., Wall, TX 76957

Rel. Loc.: 0.70mi NW

Completion Date: 2008-05-24

Drill Depth: 160.0

Owner: Wall Brethern Church

Elevation: 1856.96 ft (-11.06 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2008-05-23
Company Name:	Michael C. Hoelscher
Driller Name:	Michael Carl Hoelscher
Commentary:	^EO

Bore Hole Completion

Well Report Tracking Number:	149484
Bore Hole Completion:	Straight Wall
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number	Diameter	Top Depth	Bottom Depth
149484	6	18	160
149484	8	0	18

Drilling Method

Well Report Tracking Number:	149484
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	149484
Measurement:	60

STATE OF TEXAS WELL REPORT for Tracking #149484

Owner:	**Wall Brethern Church**	Owner Well #:	**No Data**
Address:	**PO Box 195 Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**Bean Rd. Wall, TX 76957**	Latitude:	**31° 22' 43" N**
		Longitude:	**100° 18' 51" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **5/23/2008** Drilling End Date: **5/24/2008**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8	**0**	**18**
6	**18**	**160**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**18**	**8**

Seal Method: **Cement Slurry**

Sealed By: **Driller**

Distance to Property Line (ft.): **50**

Distance to Septic Field or other concentrated contamination (ft.): **None**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Look**

Surface Completion: **Surface Sleeve Installed**

Water Level: **60 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **Rubber 18'**

Type of Pump: **Capped**

Well Tests: **Jetted** **Yield: 100 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
102, 115, 135	**Good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Michael C. Hoelscher**

11385 FM 765
San Angelo, TX 76905

Driller Name: **Michael C. Hoelscher** License Number: **2409**

Comments: **^EO**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**4**	**topsoil**
4	**40**	**red clay**
40	**75**	**white lime**
75	**80**	**conglomerated**
80	**90**	**bluish green lime**
90	**105**	**red clay**
105	**140**	**bluish green lime**
140	**160**	**blue shale**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" PVC 0'-160'			
Slotted 100'-130'			

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Map ID 97: SDR - 8201 Iron Horse

Map ID: 97

Source: Texas Water Development Board

Well Report Tracking Number: 93734

SDR - Submitted Drillers Report

Banks ID: 93734

Well Address: 8201 Iron Horse, Wall, TX 76957

Rel. Loc.: 0.70mi NE

Completion Date: 2006-09-20

Drill Depth: 180.0

Owner: ipan Developement Co.

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-20
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
93734	Filter Packed	
93734	Open Hole	

Bore Hole Info

Well Report Tracking Number:	93734
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	93734
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	93734
Measurement:	92

STATE OF TEXAS WELL REPORT for Tracking #93734

Owner:	**ipan Developement Co.**	Owner Well #:	**8**
Address:	**8201 Iron Horse Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8201 Iron Horse Wall, TX 76957**	Latitude:	**31° 22' 44" N**
		Longitude:	**100° 17' 58" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/20/2006** Drilling End Date: **9/20/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 11**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **92 ft.** below land surface on **2006-09-20** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)	Water Type
118' 152'	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**4**	**dirt**
4	**13**	**orange clay**
13	**59**	**brown clay**
59	**98**	**brown rock**
98	**103**	**brown clay**
103	**134**	**brown rock**
134	**148**	**red bed**
148	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" new PVC -2 to 180 1/8			

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Map ID 98: SDR - Loop 570

Map ID: 98		**Source: Texas Water Development Board**
Well Report Tracking Number: 149335	**SDR - Submitted Drillers Report**	**Banks ID: 149335**
Well Address: Loop 570, Wall, TX		**Rel. Loc.: 0.71mi NW**
Completion Date: 2008-01-10		**Drill Depth: 175.0**
Owner: Gerngross, Frank Jr.		**Elevation: 1860.24 ft (-7.78 ft)**

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2008-01-09
Company Name:	Michael C. Hoelscher
Driller Name:	Michael Carl Hoelscher
Commentary:	^EO

Bore Hole Completion

Well Report Tracking Number:	149335
Bore Hole Completion:	Straight Wall
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number	Diameter	Top Depth	Bottom Depth
149335	10	18	175
149335	13	0	18

Drilling Method

Well Report Tracking Number:	149335
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	149335
Measurement:	60

STATE OF TEXAS WELL REPORT for Tracking #149335

Owner:	**Gerngross, Frank Jr.**	Owner Well #:	**No Data**
Address:	**7034 US Hwy 87** **San Angelo, TX 76904**	Grid #:	**43-46-2**
Well Location:	**Loop 570** **Wall, TX**	Latitude:	**31° 22' 28" N**
		Longitude:	**100° 19' 04" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Irrigation**

Drilling Start Date: **1/9/2008** Drilling End Date: **1/10/2008**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
13	**0**	**18**
10	**18**	**175**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**18**	**8**

Seal Method: **Cement Slurry**

Sealed By: **Driller**

Distance to Property Line (ft.): **51**

Distance to Septic Field or other concentrated contamination (ft.): **None**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Measure**

Surface Completion: **Surface Sleeve Installed**

Water Level: **60 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **Submersible**

Well Tests: **Unknown** **Yield: 100 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
100, 110, 140	**Good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Michael C. Hoelscher**

11385 FM 765
San Angelo, TX 76904

Driller Name: **Michael C. Hoelscher** License Number: **2409**

Comments: **^EO**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**4**	**topsoil**
4	**35**	**red clay**
35	**57**	**withe lime**
57	**62**	**red clay**
62	**70**	**white lime**
70	**110**	**conglomerant**
110	**135**	**light blue lime**
135	**175**	**blue lime and shale**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
10" Steel Pipe 0'-18'			
8" PVC 0'-175'			
Slotted 80'-175'			

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Map ID 99: SDR - BEAN RD

Map ID: 99

Source: Texas Water Development Board

Well Report Tracking Number: 432619

SDR - Submitted Drillers Report

Banks ID: 432619

Well Address: BEAN RD, SAN ANGELO, TX

Rel. Loc.: 0.71mi NW

Completion Date: 2016-02-08

Drill Depth: 180.0

Owner: CHAD SCHADRTL

Elevation: 1856.96 ft (-11.06 ft)

Number Of Wells Drilled:	1
Elevation:	1870
Type Of Work:	New Well
Drilling Start Date:	2016-02-08
Company Name:	MICHAEL C HOELSCHER
Driller Name:	Michael Carl Hoelscher
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	432619
Bore Hole Completion:	Straight Wall
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number	Diameter	Top Depth	Bottom Depth
432619	6	20	180
432619	8	0	20

Drilling Method

Well Report Tracking Number:	432619
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	432619
Measurement:	80

STATE OF TEXAS WELL REPORT for Tracking #432619

Owner:	**CHAD SCHADRTL**	Owner Well #:	**No Data**
Address:	**1036 CRICKET LN CRICKET LN SAN ANGELO, TX 76905**	Grid #:	**43-38-8**
		Latitude:	**31° 22' 36" N**
Well Location:	**BEAN RD SAN ANGELO, TX**	Longitude:	**100° 18' 59" W**
		Elevation:	**1870 ft. above sea level**
Well County:	**Tom Green**		
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **2/8/2016** Drilling End Date: **2/8/2016**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8	**0**	**20**
6	**20**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**20**	**Cement**

Seal Method: **Slurry**

Sealed By: **Driller**

Distance to Property Line (ft.): **55**

Distance to Septic Field or other concentrated contamination (ft.): **NONE**

Distance to Septic Tank (ft.): **NONE**

Method of Verification: **MEASURED**

Surface Completion: **Surface Sleeve Installed** **Surface Completion by Driller**

Water Level: **80 ft.** below land surface on **No Data**

Packers: **Rubber at 18 ft.**

Type of Pump: **CAPPED**

Well Tests: **JETTED & ESTIMATED** **Yield: 70 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
140	**No Data**
110 - 120	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **MICHAEL C HOELSCHER**

1385 FM 765
SAN ANGELO, TX 76905

Driller Name: **MICHAEL C HOELSCHER** License Number: **2409**

Comments: **No Data**

Report Amended on 9/26/2016 by Request #19825

Report Amended on 9/26/2016 by Request #19827

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**4**	**TOPSOIL**
4	**50**	**RED CLAY**
50	**88**	**WHITE LIME**
88	**92**	**CONGLOMERANT**
92	**100**	**RED CLAY**
100	**116**	**CONGLOMERANT**
116	**135**	**LIGTH BLUE LIME**
135	**180**	**BLUE SHALE**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
5		**Plastic (PVC)**		**0**	**180**
	Perforated or Slotted			**80**	**180**

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Map ID 100: SDR - 8214 WATERLOO DRIVE

Map ID: 100

Source: Texas Water Development Board

Well Report Tracking Number: 94852

SDR - Submitted Drillers Report

Banks ID: 94852

Well Address: 8214 WATERLOO DRIVE, WALL, TX 76957

Rel. Loc.: 0.71mi NE

Completion Date: 2006-10-06

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-06
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	94852
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	94852
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94852
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94852
Measurement:	76

STATE OF TEXAS WELL REPORT for Tracking #94852

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**31**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8214 WATERLOO DRIVE WALL, TX 76957**	Latitude:	**31° 22' 43" N**
		Longitude:	**100° 17' 56" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/6/2006** Drilling End Date: **10/6/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**14 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **76 ft.** below land surface, and **100 GPM** artesian flow on **2006-10-06** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
90-125/150-160	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**60**	**BROWN CLAY**
60	**90**	**WHITE LIMESTONE**
90	**135**	**BROWN ROCK**
135	**145**	**GRAY LIME**
145	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 FT 160 LB			

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Map ID 102: SDR - 8150 IRON HORSE DRIVE

Map ID: 102

Source: Texas Water Development Board

Well Report Tracking Number: 94881

SDR - Submitted Drillers Report

Banks ID: 94881

Well Address: 8150 IRON HORSE DRIVE, WALL, TX 76957

Rel. Loc.: 0.71mi NE

Completion Date: 2006-10-09

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-09
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	94881
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	94881
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94881
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94881
Measurement:	78

STATE OF TEXAS WELL REPORT for Tracking #94881

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**37**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8150 IRON HORSE DRIVE WALL, TX 76957**	Latitude:	**31° 22' 49" N**
		Longitude:	**100° 18' 07" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/9/2006** Drilling End Date: **10/9/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**13 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **78 ft.** below land surface, and **100 GPM** artesian flow on **2006-10-09** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
95-120/150-165	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**59**	**BROWN CLAY**
59	**85**	**WHITE LIMESTONE**
85	**125**	**BROWN ROCK**
125	**130**	**YELLOW LIME**
130	**145**	**GRAY LIME**
145	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 FT 160 LB			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 103: SDR - 8237 WATERLOO DRIVE

Map ID: 103

Source: Texas Water Development Board

Well Report Tracking Number: 94078

SDR - Submitted Drillers Report

Banks ID: 94078

Well Address: 8237 WATERLOO DRIVE, WALL, TX 76957

Rel. Loc.: 0.71mi NE

Completion Date: 2006-09-28

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1866.80 ft (-1.21 ft)

Number Of Wells Drilled:	
Elevation:	1860
Type Of Work:	New Well
Drilling Start Date:	2006-09-28
Company Name:	WOEHL DRILLING # 2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	94078
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	94078
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94078
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94078
Measurement:	76

STATE OF TEXAS WELL REPORT for Tracking #94078

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**21**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8237 WATERLOO DRIVE WALL, TX 76957**	Latitude:	**31° 22' 38" N**
		Longitude:	**100° 17' 50" W**
Well County:	**Tom Green**	Elevation:	**1860 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/28/2006** Drilling End Date: **9/28/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**15 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **76 ft.** below land surface, and **100 GPM** artesian flow on **2006-09-28** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
85-120/150-165	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING # 2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**55**	**BROWN CLAY**
55	**80**	**WHITE ROCK**
80	**130**	**BROWN ROCK**
130	**145**	**RED SHALE**
145	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180FT 160 LB			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 105: SDR - 8138 Iron Horse

Map ID: 105

Source: Texas Water Development Board

Well Report Tracking Number: 92872

SDR - Submitted Drillers Report

Banks ID: 92872

Well Address: 8138 Iron Horse, Wall, TX 76957

Rel. Loc.: 0.72mi NE

Completion Date: 2006-09-15

Drill Depth: 180.0

Owner: Lipan Development Co.

Elevation: 1860.24 ft (-7.78 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-15
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	Amended 9/27/06 Ref.#3960

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
92872	Filter Packed	
92872	Open Hole	

Bore Hole Info

Well Report Tracking Number:	92872
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	92872
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	92872
Measurement:	95

STATE OF TEXAS WELL REPORT for Tracking #92872

Owner:	**Lipan Development Co.**	Owner Well #:	**5**
Address:	**8138 Iron Horse Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8138 Iron Horse Wall, TX 76957**	Latitude:	**31° 22' 50" N**
		Longitude:	**100° 18' 09" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/15/2006** Drilling End Date: **9/15/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 11**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **95 ft.** below land surface on **2006-09-15** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Unknown** **Yield: 50 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)	Water Type
97'	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **Amended 9/27/06 Ref.#3960**

Report Amended on by Request #3960

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**4**	**dirt**
4	**54**	**brown clay**
54	**96**	**brown rock**
96	**98**	**gravel**
98	**102**	**yellow clay**
102	**129**	**brown rock**
129	**134**	**dark blue lime**
134	**146**	**red bed**
146	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" new PVC 2 to 180 1/8			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Austin, TX 78711
(512) 334-5540

Map ID 107: SDR - 8162 IRON HORSE DRIVE

Map ID: 107

Source: Texas Water Development Board

Well Report Tracking Number: 94879

SDR - Submitted Drillers Report

Banks ID: 94879

Well Address: 8162 IRON HORSE DRIVE, WALL, TX 76957

Rel. Loc.: 0.72mi NE

Completion Date: 2006-10-08

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	1843
Type Of Work:	New Well
Drilling Start Date:	2006-10-08
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	94879
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	94879
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94879
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94879
Measurement:	78

STATE OF TEXAS WELL REPORT for Tracking #94879

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**36**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8162 IRON HORSE DRIVE WALL, TX 76957**	Latitude:	**31° 22' 49" N**
		Longitude:	**100° 18' 05" W**
Well County:	**Tom Green**	Elevation:	**1843 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/8/2006** Drilling End Date: **10/8/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**14 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **78 ft.** below land surface, and **100 GPM** artesian flow on **2006-10-08** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
90-120/150-165	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**55**	**BROWN CLAY**
55	**85**	**WHITE LIMESTONE**
85	**130**	**BROWN ROCK**
130	**137**	**YELLOW LIME**
137	**145**	**RED LIME**
145	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 FT 160 LB			

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Map ID 108: SDR - 8249 WATERLOO DRIVE

Map ID: 108

Source: Texas Water Development Board

Well Report Tracking Number: 94077

SDR - Submitted Drillers Report

Banks ID: 94077

Well Address: 8249 WATERLOO DRIVE, WALL, TX 76957

Rel. Loc.: 0.73mi NE

Completion Date: 2006-09-28

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1866.80 ft (-1.21 ft)

Number Of Wells Drilled:	
Elevation:	1862
Type Of Work:	New Well
Drilling Start Date:	2006-09-28
Company Name:	WOEHL DRILLING # 2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	94077
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	94077
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94077
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94077
Measurement:	75

STATE OF TEXAS WELL REPORT for Tracking #94077

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**20**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8249 WATERLOO DRIVE WALL, TX 76957**	Latitude:	**31° 22' 38" N**
		Longitude:	**100° 17' 49" W**
Well County:	**Tom Green**	Elevation:	**1862 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/28/2006** Drilling End Date: **9/28/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**15 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **75 ft.** below land surface, and **100 GPM** artesian flow on **2006-09-28** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
90-115/150-175	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING # 2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**55**	**BROWN CLAY**
55	**80**	**WHITE LIMESTONE**
80	**120**	**BROWN ROCK**
120	**145**	**RED LIME**
145	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180FT 160 LB			

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(512) 334-5540

Map ID 109: SDR - 8226 Waterloo

Map ID: 109

Source: Texas Water Development Board

Well Report Tracking Number: 95362

SDR - Submitted Drillers Report

Banks ID: 95362

Well Address: 8226 Waterloo, Wall, TX 76957

Rel. Loc.: 0.73mi NE

Completion Date: 2006-10-07

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-07
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
95362	Filter Packed	
95362	Open Hole	

Bore Hole Info

Well Report Tracking Number:	95362
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	95362
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	95362
Measurement:	100

STATE OF TEXAS WELL REPORT for Tracking #95362

Owner:	**Lipan Developement Co.**	Owner Well #:	**27**
Address:	**8226 Waterloo Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8226 Waterloo Wall, TX 76957**	Latitude:	**31° 22' 43" N**
		Longitude:	**100° 17' 54" W**
Well County:	**Tom Green**	Elevation:	**No Data**

Type of Work: **New Well** Proposed Use: **Domestic**

Drilling Start Date: **10/7/2006** Drilling End Date: **10/7/2006**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8.5**	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
Filter Pack Intervals:	**25**	**180**	**Gravel**	**grade 5**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**1**	**24**	**cement 10**
	24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **100 ft.** below land surface on **2006-10-07** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 1 hours**

	Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Plug Information:	**n/a**		

Water Quality:

Strata Depth (ft.)	Water Type
105' 161'	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**4**	**dirt**
4	**58**	**brown clay**
58	**130**	**brown rock**
130	**136**	**yellow clay**
136	**148**	**red clay**
148	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5"	**new**	**PVC**	**-2 to 180 1/8**

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Map ID 110: SDR - 8137 McCormick

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Map ID: 110

Source: Texas Water Development Board

Well Report Tracking Number: 95572

SDR - Submitted Drillers Report

Banks ID: 95572

Well Address: 8137 McCormick, Wall, TX 76957

Rel. Loc.: 0.73mi N

Completion Date: 2006-10-11

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1860.24 ft (-7.78 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-11
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
95572	Filter Packed	
95572	Open Hole	

Bore Hole Info

Well Report Tracking Number:	95572
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	95572
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	95572
Measurement:	70

STATE OF TEXAS WELL REPORT for Tracking #95572

Owner:	**Lipan Developement Co.**	Owner Well #:	**33**
Address:	**8137 McCormick Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8137 McCormick Wall, TX 76957**	Latitude:	**31° 22' 51" N**
		Longitude:	**100° 18' 09" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/11/2006** Drilling End Date: **10/11/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 10**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **70 ft.** below land surface on **2006-10-11** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Unknown** **Yield: 100 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)	Water Type
70' 110' 158'	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Report Amended on by Request #3993

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**4**	**dirt**
4	**59**	**brown clay**
59	**121**	**brown rock**
121	**125**	**blue clay**
125	**136**	**green clay**
136	**148**	**red clay**
148	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" new PVC -2 to 180 1/8			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 112: SDR - 8137 Iron Horse

Map ID: 112

Source: Texas Water Development Board

Well Report Tracking Number: 94450

SDR - Submitted Drillers Report

Banks ID: 94450

Well Address: 8137 Iron Horse, Wall, TX 76957

Rel. Loc.: 0.74mi NE

Completion Date: 2006-10-04

Drill Depth: 180.0

Owner: Lipan DEvelopement Co.

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-03
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
94450	Filter Packed	
94450	Open Hole	

Bore Hole Info

Well Report Tracking Number:	94450
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94450
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94450
Measurement:	105

STATE OF TEXAS WELL REPORT for Tracking #94450

Owner:	**Lipan DEvelopement Co.**	Owner Well #:	**23**
Address:	**8137 Iron Horse Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8137 Iron Horse Wall, TX 76957**	Latitude:	**31° 22' 48" N**
		Longitude:	**100° 18' 01" W**
Well County:	**Tom Green**	Elevation:	**No Data**

Type of Work: **New Well** Proposed Use: **Domestic**

Drilling Start Date: **10/3/2006** Drilling End Date: **10/4/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 9**
24	**25**	**betonite 1**

Seal Method: **Wheel Barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **105 ft.** below land surface on **2006-10-04** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)		Water Type
114'	**160'**	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**4**	**dirt**
4	**46**	**brown clay**
46	**122**	**brown rock**
122	**126**	**yellow clay**
126	**134**	**blue clay**
134	**146**	**red clay**
146	**150**	**blue clay**
150	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" new PVC -2 to 180 1/8			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 115: SDR - 8149 McCormick

Map ID: 115

Source: Texas Water Development Board

Well Report Tracking Number: 95367

SDR - Submitted Drillers Report

Banks ID: 95367

Well Address: 8149 McCormick, Wall, TX 76957

Rel. Loc.: 0.74mi NE

Completion Date: 2006-10-11

Drill Depth: 180.0

Owner: Lipan Development Co.

Elevation: 1860.24 ft (-7.78 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-11
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
95367	Filter Packed	
95367	Open Hole	

Bore Hole Info

Well Report Tracking Number:	95367
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	95367
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	95367
Measurement:	90

STATE OF TEXAS WELL REPORT for Tracking #95367

Owner:	**Lipan Development Co.**	Owner Well #:	**32**
Address:	**8149 McCormick Wall, TX 76957**	Grid #:	**43-38-8**
		Latitude:	**31° 22' 51" N**
Well Location:	**8149 McCormick Wall, TX 76957**	Longitude:	**100° 18' 07" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/11/2006** Drilling End Date: **10/11/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**Grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**Cement/10**
24	**25**	**Betonite/1**

Seal Method: **Wheel Barrow**

Sealed By: **BJW**

Variance Number: **N/A**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Tape Measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **90 ft.** below land surface on **2006-10-11** Measurement Method: **Unknown**

Packers: **N/A**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
N/A		

Water Quality:

Strata Depth (ft.)	Water Type
96' 155'	**Good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S Fm 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**4**	**Dirt**
4	**58**	**Brown Clay**
58	**123**	**Brown Rock**
123	**131**	**Yellow Clay**
131	**136**	**Blue clay**
136	**147**	**Red clay**
147	**150**	**Blue Clay**
150	**180**	**Grey Rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" New PVC -2 to 180 1/8			

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P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 116: SDR - 8225 IRON HORSE DRIVE

Map ID: 116

Source: Texas Water Development Board

Well Report Tracking Number: 94075

SDR - Submitted Drillers Report

Banks ID: 94075

Well Address: 8225 IRON HORSE DRIVE, WALL, TX 76957

Rel. Loc.: 0.75mi NE

Completion Date: 2006-09-26

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	1858
Type Of Work:	New Well
Drilling Start Date:	2006-09-26
Company Name:	WOEHL DRILLING # 2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	94075
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	94075
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94075
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94075
Measurement:	90

STATE OF TEXAS WELL REPORT for Tracking #94075

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**18**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8225 IRON HORSE DRIVE WALL, TX 76957**	Latitude:	**31° 22' 44" N**
		Longitude:	**100° 17' 54" W**
Well County:	**Tom Green**	Elevation:	**1858 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/26/2006** Drilling End Date: **9/26/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**15 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **90 ft.** below land surface, and **100 GPM** artesian flow on **2006-09-26** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
100-125/150-155	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING # 2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL**

License Number: **4900**

Apprentice Name: **N/A**

Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**55**	**BROWN CLAY**
55	**100**	**WHITE ROCK**
100	**125**	**BROWN ROCK**
125	**130**	**YELLOW LIME**
130	**145**	**RED LIME**
145	**160**	**GRAY ROCK**
160	**170**	**GRAY LIME**
170	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180FT 160 LB			

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P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 117: SDR - 8174 IRON HORSE DRIVE

Map ID: 117

Source: Texas Water Development Board

Well Report Tracking Number: 94877

SDR - Submitted Drillers Report

Banks ID: 94877

Well Address: 8174 IRON HORSE DRIVE, WALL, TX 76957

Rel. Loc.: 0.75mi NE

Completion Date: 2006-10-08

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	1853
Type Of Work:	New Well
Drilling Start Date:	2006-10-08
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	94877
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	94877
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94877
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94877
Measurement:	76

STATE OF TEXAS WELL REPORT for Tracking #94877

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**35**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8174 IRON HORSE DRIVE WALL, TX 76957**	Latitude:	**31° 22' 49" N**
		Longitude:	**100° 18' 02" W**
Well County:	**Tom Green**	Elevation:	**1853 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/8/2006** Drilling End Date: **10/8/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**14 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **76 ft.** below land surface, and **100 GPM** artesian flow on **2006-10-08** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
90-120/150-160	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**55**	**BROWN CLAY**
55	**80**	**WHITE LIMESTONE**
80	**125**	**BROWN ROCK**
125	**145**	**YELLOW LIME**
145	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 FT 160 LB			

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P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 118: SDR - 8261 WATERLOO DRIVE

Map ID: 118

Source: Texas Water Development Board

Well Report Tracking Number: 94076

SDR - Submitted Drillers Report

Banks ID: 94076

Well Address: 8261 WATERLOO DRIVE, WALL, TX 76957

Rel. Loc.: 0.75mi NE

Completion Date: 2006-09-27

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1866.80 ft (-1.21 ft)

Number Of Wells Drilled:	
Elevation:	1856
Type Of Work:	New Well
Drilling Start Date:	2006-09-27
Company Name:	WOEHL DRILLING # 2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	94076
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	94076
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94076
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94076
Measurement:	75

STATE OF TEXAS WELL REPORT for Tracking #94076

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**19**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8261 WATERLOO DRIVE WALL, TX 76957**	Latitude:	**31° 22' 38" N**
		Longitude:	**100° 17' 47" W**
Well County:	**Tom Green**	Elevation:	**1856 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/27/2006** Drilling End Date: **9/27/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**15 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **75 ft.** below land surface, and **100 GPM** artesian flow on **2006-09-27** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
90-115/150-165	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING # 2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**80**	**WHITE LIMESTONE**
80	**130**	**BROWN ROCK**
130	**145**	**RED SHALE**
145	**155**	**GRAY LIME**
155	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180FT 160 LB			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Map ID 120: SDR - 8186 IRON HORSE DRIVE

Map ID: 120

Source: Texas Water Development Board

Well Report Tracking Number: 94875

SDR - Submitted Drillers Report

Banks ID: 94875

Well Address: 8186 IRON HORSE DRIVE, WALL, TX 76957

Rel. Loc.: 0.76mi NE

Completion Date: 2006-10-07

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1860.24 ft (-7.78 ft)

Number Of Wells Drilled:	
Elevation:	1857
Type Of Work:	New Well
Drilling Start Date:	2006-10-07
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	94875
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	94875
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94875
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94875
Measurement:	76

STATE OF TEXAS WELL REPORT for Tracking #94875

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**34**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8186 IRON HORSE DRIVE WALL, TX 76957**	Latitude:	**31° 22' 49" N**
		Longitude:	**100° 18' 01" W**
Well County:	**Tom Green**	Elevation:	**1857 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/7/2006** Drilling End Date: **10/7/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**14 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **76 ft.** below land surface, and **100 GPM** artesian flow on **2006-10-07** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
90-115/150-160	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**55**	**BROWN CLAY**
55	**80**	**WHITE LIMESTONE**
80	**120**	**BROWN ROCK**
120	**138**	**YELLOW LIME**
138	**143**	**GRAY LIME**
143	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 FT 160 LB			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Map ID 121: SDR - 8161 McCormick

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Map ID: 121

Source: Texas Water Development Board

Well Report Tracking Number: 95366

SDR - Submitted Drillers Report

Banks ID: 95366

Well Address: 8161 McCormick, Wall, TX 76957

Rel. Loc.: 0.76mi NE

Completion Date: 2006-10-10

Drill Depth: 180.0

Owner: Lipan Development Co.

Elevation: 1860.24 ft (-7.78 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-10
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
95366	Filter Packed	
95366	Open Hole	

Bore Hole Info

Well Report Tracking Number:	95366
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	95366
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	95366
Measurement:	90

STATE OF TEXAS WELL REPORT for Tracking #95366

Owner:	**Lipan Development Co.**	Owner Well #:	**31**
Address:	**8161 McCormick Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8161 McCormick Wall, TX 76957**	Latitude:	**31° 22' 51" N**
		Longitude:	**100° 18' 05" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/10/2006** Drilling End Date: **10/10/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**Grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**Cement/10**
24	**25**	**Betonite/1**

Seal Method: **Wheel Barrow**

Sealed By: **BJW**

Variance Number: **N/A**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Tape Measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **90 ft.** below land surface on **2006-10-10** Measurement Method: **Unknown**

Packers: **N/A**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
N/A		

Water Quality:

Strata Depth (ft.)	Water Type
94' 152'	Good

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S Fm 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	4	Dirt
4	58	Brown Clay
58	121	Brown Rock
121	125	Yellow clay
125	131	Blue Clay
131	149	Red clay
149	180	Grey Rock

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5"	New	PVC	-2 to 180 1/8

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Map ID 124: SDR - Hawk Ave

Map ID: 124		**Source: Texas Water Development Board**
Well Report Tracking Number: 204664	**SDR - Submitted Drillers Report**	**Banks ID: 204664**
Well Address: Hawk Ave, Wall, TX		**Rel. Loc.: 0.76mi NE**
Completion Date: 2006-05-05		**Drill Depth: 180.0**
Owner: Gene Gully		**Elevation: 1866.80 ft (-1.21 ft)**

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-05-05
Company Name:	Michael C. Hoelscher
Driller Name:	Michael Carl Hoelscher
Commentary:	Note attached by driller: "These 3 wells were drilled for public supply and are waiting on TNRCC permits." $scd

Bore Hole Completion

Well Report Tracking Number:	204664
Bore Hole Completion:	Unknown
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	204664
Diameter:	6
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	204664
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	204664
Measurement:	60

Sites in Map ID 124 Cluster

Dataset	Well Name	Well Address	Page #
SDR	Gene Gully	Hawk Ave, Wall, TX	425
SDR	Lipan Developement Co.	8299 Waterloo Dr., Wall, TX 76957	429

STATE OF TEXAS WELL REPORT for Tracking #204664

Owner:	**Gene Gully**	Owner Well #:	**south**
Address:	**2904 Phinney Rd** **Mereta, TX 76940**	Grid #:	**43-38-8**
		Latitude:	**31° 22' 40" N**
Well Location:	**Hawk Ave** **Wall, TX**	Longitude:	**100° 17' 48" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Public Supply**

Drilling Start Date: **5/5/2006** Drilling End Date: **5/5/2006** **Plans Approved by TCEQ - NO**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**6**	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Unknown**

Annular Seal Data: **No Data**

Seal Method: **Not Applicable**

Sealed By: **Unknown**

Distance to Property Line (ft.): **235**

Distance to Septic Field or other concentrated contamination (ft.): **none**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **measure**

Surface Completion: **Unknown**

Water Level: **60 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **Jetted** **Yield: 200 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
60, 105-120, 150, 168	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Michael C. Hoelscher**

11385 FM 765
San Angelo, TX 76905

Driller Name: **Michael C. Hoelscher** License Number: **2409**

Comments: **Note attached by driller: "These 3 wells were drilled for public supply and are waiting on TNRCC permits." $scd**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**topsoil**
3	**50**	**red clay**
50	**105**	**white lime**
105	**120**	**conglomerate**
120	**125**	**yellow lime and clay**
125	**130**	**bluish-green lime and clay**
130	**140**	**red clay**
140	**141**	**bluish-green lime**
141	**146**	**red clay**
146	**160**	**blue lime and clay**
160	**180**	**gray lime and shale**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
10	**PVC**	**0-10**	

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Map ID 124: SDR - 8299 Waterloo Dr.

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Map ID: 124

Source: Texas Water Development Board

Well Report Tracking Number: 119715

SDR - Submitted Drillers Report

Banks ID: 119715

Well Address: 8299 Waterloo Dr., Wall, TX 76957

Rel. Loc.: 0.76mi NE

Completion Date: 2007-06-15

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1866.80 ft (-1.21 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	Reconditioning
Drilling Start Date:	2007-06-15
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	119715
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number	Diameter	Top Depth	Bottom Depth
119715	12	0	100
119715	9.875	100	180

Drilling Method

Well Report Tracking Number:	119715
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	119715
Measurement:	100

Sites in Map ID 124 Cluster

Dataset	Well Name	Well Address	Page #
SDR	Gene Gully	Hawk Ave, Wall, TX	425
SDR	Lipan Developement Co.	8299 Waterloo Dr., Wall, TX 76957	429

STATE OF TEXAS WELL REPORT for Tracking #119715

Owner:	**Lipan Developement Co.**	Owner Well #:	**No Data**
Address:	**8299 Waterloo Dr. Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8299 Waterloo Dr. Wall, TX 76957**	Latitude:	**31° 22' 40" N**
		Longitude:	**100° 17' 48" W**
Well County:	**Tom Green**	Elevation:	**No Data**

Type of Work: **Reconditioning** Proposed Use: **Irrigation**

Drilling Start Date: **6/15/2007** Drilling End Date: **6/15/2007**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
12	**0**	**100**
9.875	**100**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
100	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**100**	**35 cement**
101	**102**	**1 betonite**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **10**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Surface Sleeve Installed**

Water Level: **100 ft.** below land surface on **2007-06-16** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 300 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)		Water Type
102'	**161'**	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**4**	**dirt**
4	**54**	**brown clay**
54	**104**	**brown rock**
104	**117**	**brown clay**
117	**139**	**yellow clay**
139	**152**	**red clay**
152	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
8" new PVC -1 to 180 1/8			
13" used steel -1 to 20			

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Map ID 125: SDR - 7025 Harvester Ln.

Map ID: 125

Source: Texas Water Development Board

Well Report Tracking Number: 94047

SDR - Submitted Drillers Report

Banks ID: 94047

Well Address: 7025 Harvester Ln., Wall, TX 76957

Rel. Loc.: 0.76mi NE

Completion Date: 2006-09-27

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-27
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
94047	Filter Packed	
94047	Open Hole	

Bore Hole Info

Well Report Tracking Number:	94047
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94047
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94047
Measurement:	99

STATE OF TEXAS WELL REPORT for Tracking #94047

Owner:	**Lipan Developement Co.**	Owner Well #:	**14**
Address:	**7025 Harvester Ln. Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**7025 Harvester Ln. Wall, TX 76957**	Latitude:	**31° 22' 42" N**
		Longitude:	**100° 17' 50" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/27/2006** Drilling End Date: **9/27/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 11**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **99 ft.** below land surface on **2006-09-27** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Bailer** **Yield: 95 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)		Water Type
107'	**170'**	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**4**	**dirt**
4	**58**	**brown clay**
58	**98**	**brown rock**
98	**105**	**brown clay**
105	**126**	**brown rock**
126	**142**	**red bed**
142	**156**	**blue clay**
156	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" new PVC -2 to 180 1/8			

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Map ID 126: SDR - 8238 Waterloo

Map ID: 126

Source: Texas Water Development Board

Well Report Tracking Number: 94048

SDR - Submitted Drillers Report

Banks ID: 94048

Well Address: 8238 Waterloo, Wall, TX 76957

Rel. Loc.: 0.76mi NE

Completion Date: 2006-09-28

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-28
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
94048	Filter Packed	
94048	Open Hole	

Bore Hole Info

Well Report Tracking Number:	94048
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94048
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94048
Measurement:	95

STATE OF TEXAS WELL REPORT for Tracking #94048

Owner:	**Lipan Developement Co.**	Owner Well #:	**15**
Address:	**8238 Waterloo Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8238 Waterloo Wall, TX 76957**	Latitude:	**31° 22' 43" N**
		Longitude:	**100° 17' 51" W**
Well County:	**Tom Green**	Elevation:	**No Data**

Type of Work: **New Well** Proposed Use: **Domestic**

Drilling Start Date: **9/28/2006** Drilling End Date: **9/28/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 12**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **95 ft.** below land surface on **2006-09-28** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 90 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)	Water Type
97' 160'	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**3**	**dirt**
3	**58**	**brown clay**
58	**126**	**brown rock**
126	**142**	**red bed**
142	**150**	**blue lime**
150	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" new PVC -2 to 180 1/8			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Texas Department of Licensing and Regulation
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Austin, TX 78711
(512) 334-5540

Map ID 127: SDR - 8173 McCormick

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Map ID: 127

Source: Texas Water Development Board

Well Report Tracking Number: 95365

SDR - Submitted Drillers Report

Banks ID: 95365

Well Address: 8173 McCormick, Wall, TX 76957

Rel. Loc.: 0.77mi NE

Completion Date: 2006-10-10

Drill Depth: 180.0

Owner: Lipan Development Co.

Elevation: 1860.24 ft (-7.78 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-10
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
95365	Filter Packed	
95365	Open Hole	

Bore Hole Info

Well Report Tracking Number:	95365
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	95365
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	95365
Measurement:	90

STATE OF TEXAS WELL REPORT for Tracking #95365

Owner:	**Lipan Development Co.**	Owner Well #:	**30**
Address:	**8173 McCormick Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8173 McCormick Wall, TX 76957**	Latitude:	**31° 22' 51" N**
		Longitude:	**100° 18' 03" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/10/2006** Drilling End Date: **10/10/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**Grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**Cement/10**
24	**25**	**Betonite/1**

Seal Method: **Wheel Barrow**

Sealed By: **BJW**

Variance Number: **N/A**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Tape Measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **90 ft.** below land surface on **2006-10-10** Measurement Method: **Unknown**

Packers: **N/A**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
N/A		

Water Quality:

Strata Depth (ft.)	Water Type
90' 151'	**Good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S Fm 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**4**	**Dirt**
4	**59**	**Brown Clay**
59	**116**	**Brown Rock**
116	**126**	**Yellow Clay**
126	**136**	**Green Clay**
136	**148**	**Red Clay**
148	**180**	**Grey Rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5"	**New**	**PVC**	**-2 to 180 1/8**

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P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 128: SDR - 7305 Bean Rd

Map ID: 128

Source: Texas Water Development Board

Well Report Tracking Number: 476951

SDR - Submitted Drillers Report

Banks ID: 476951

Well Address: 7305 Bean Rd, San Angelo, TX 76905

Rel. Loc.: 0.78mi NW

Completion Date: 2018-03-01

Drill Depth: 170.0

Owner: Chad Schaertt

Elevation: 1856.96 ft (-11.06 ft)

Number Of Wells Drilled:	1
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2018-03-01
Company Name:	MICHAEL C HOELSCHER
Driller Name:	Michael Carl Hoelscher
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	476951
Bore Hole Completion:	Straight Wall
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number	Diameter	Top Depth	Bottom Depth
476951	6	20	170
476951	8	0	20

Drilling Method

Well Report Tracking Number:	476951
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	476951
Measurement:	60

STATE OF TEXAS WELL REPORT for Tracking #476951

Owner:	**Chad Schaertt**	Owner Well #:	**No Data**
Address:	**Ben Road** **San Angelo, TX 76905**	Grid #:	**43-38-8**
		Latitude:	**31° 22' 39" N**
Well Location:	**7305 Bean Rd** **San Angelo, TX 76905**	Longitude:	**100° 19' 02" W**
Well County:	**Tom Green**	Elevation:	**No Data**

Type of Work: **New Well** Proposed Use: **Domestic**

Drilling Start Date: **3/1/2018** Drilling End Date: **3/1/2018**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8	**0**	**20**
6	**20**	**170**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**20**	**Cement 7 Bags/Sacks**

Seal Method: **Slurry**

Sealed By: **Driller**

Distance to Property Line (ft.): **250**

Distance to Septic Field or other concentrated contamination (ft.): **120**

Distance to Septic Tank (ft.): **150**

Method of Verification: **Look**

Surface Completion: **Surface Sleeve Installed** **Surface Completion by Driller**

Water Level: **60 ft.** below land surface on **2018-03-01**

Packers: **Rubber at 21 ft.**

Type of Pump: **Capped**

Well Tests: **Jetted** **Yield: 150 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
80 - 135	**No Data**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **MICHAEL C HOELSCHER**

1385 FM 765
SAN ANGELO, TX 76905

Driller Name: **Michael Hoelscher** License Number: **2409**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**2**	**Topsoil**
2	**42**	**Red Clay**
42	**60**	**White Lime**
60	**85**	**Conglomerant**
85	**110**	**Yellow Lime**
110	**130**	**Blue Lime & Clay**
130	**140**	**Blue Shale**
140	**170**	**Gray Shale & Lime**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia (in.)	Type	Material	Sch./Gage	Top (ft.)	Bottom (ft.)
5	**Blank**	**New Plastic (PVC)**		**-1**	**170**
	Perforated or Slotted		**0.035**	**80**	**170**

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Map ID 129: SDR - 8237 IRON HORSE DRIVE

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Map ID: 129

Source: Texas Water Development Board

Well Report Tracking Number: 92923

SDR - Submitted Drillers Report

Banks ID: 92923

Well Address: 8237 IRON HORSE DRIVE, WALL, TX., TX 76957

Rel. Loc.: 0.78mi NE

Completion Date: 2006-09-13

Drill Depth: 180.0

Owner: LAND DEVELOPMENT COMPANY

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-13
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	92923
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	92923
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	92923
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	92923
Measurement:	90

STATE OF TEXAS WELL REPORT for Tracking #92923

Owner:	**LAND DEVELOPMENT COMPANY**	Owner Well #:	**8**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8237 IRON HORSE DRIVE WALL, TX., TX 76957**	Latitude:	**31° 22' 44" N**
		Longitude:	**100° 17' 51" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/13/2006** Drilling End Date: **9/13/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**15**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **GUESTIMATE**

Surface Completion: **Pitless Adapter Used**

Water Level: **90 ft.** below land surface, and **100 GPM** artesian flow on **2006-09-13** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
90-120/150-166	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**55**	**BROWN CLAY**
55	**90**	**WHITE LIMESTONE**
90	**120**	**BROWN ROCK**
120	**126**	**YELLOW LIME**
126	**150**	**GRAY LIME**
150	**165**	**GRAY ROCK**
165	**180**	**BLACK ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 160 LB			

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Map ID 130: SDR - Hawk Ave

Map ID: 130

Source: Texas Water Development Board

Well Report Tracking Number: 47000

SDR - Submitted Drillers Report

Banks ID: 47000

Well Address: Hawk Ave, San Angelo, TX 76905

Rel. Loc.: 0.78mi NE

Completion Date: 2003-12-18

Drill Depth: 220.0

Owner: Daniel Strube

Elevation: 1866.80 ft (-1.21 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	Deepening
Drilling Start Date:	2003-12-18
Company Name:	Michael C. Hoelscher
Driller Name:	Michael Carl Hoelscher
Commentary:	LCS$ Diameter of hole not noted from surface to 145 on hard copy. Will return hard copy to driller for verification. Corrections made 11/13/2009 by $mew This well was deepened 8/4/2006.

Bore Hole Completion

Well Report Tracking Number:	47000
Bore Hole Completion:	Open Hole
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number	Diameter	Top Depth	Bottom Depth
47000	7.625	145	220
47000	8	0	145

Drilling Method

Well Report Tracking Number:	47000
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	47000
Measurement:	95

STATE OF TEXAS WELL REPORT for Tracking #47000

Owner:	**Daniel Strube**	Owner Well #:	**No Data**
Address:	**8306 Loop 570 San Angelo, TX 76905**	Grid #:	**43-38-8**
		Latitude:	**31° 22' 37" N**
Well Location:	**Hawk Ave San Angelo, TX 76905**	Longitude:	**100° 17' 44" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**Deepening**	Proposed Use:	**Irrigation**

Drilling Start Date: **12/18/2003** Drilling End Date: **12/18/2003**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8	**0**	**145**
7.625	**145**	**220**

Drilling Method: **Air Rotary**

Borehole Completion: **Open Hole**

Annular Seal Data: **No Data**

Seal Method: **Cement**

Sealed By: **unknown**

Distance to Property Line (ft.): **50**

Distance to Septic Field or other concentrated contamination (ft.): **No Data**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Measure**

Surface Completion: **Surface Sleeve Installed**

Water Level: **95 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **None**

Type of Pump: **Submersible**

Well Tests: **Jetted** **Yield: 150 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
168, 180	**Good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Michael C. Hoelscher**

11385 FM 765
San Angelo, TX 76905

Driller Name: **Michael C. Hoelscher** License Number: **2409**

Comments: **LCS$ Diameter of hole not noted from surface to 145 on hard copy. Will return hard copy to driller for verification.**
Corrections made 11/13/2009 by $mew
This well was deepened 8/4/2006.

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

From (ft)	To (ft)	Description
145	**155**	**Blue Lime**
155	**160**	**Blue Shale**
160	**170**	**Gray Lime**
170	**172**	**Gray Shale**
172	**180**	**Red Shale**
180	**185**	**Gray Lime**
185	**190**	**Gray Shale**
190	**200**	**Gray Lime**
Water 168, 180		

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
8	**New**	**PVC**	**0 - 145**
6	**New**	**PVC**	**0 - 220**
Perforated			**120 - 220**

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Map ID 131: SDR - 8202 Iron Horse

Map ID: 131

Source: Texas Water Development Board

Well Report Tracking Number: 92871

SDR - Submitted Drillers Report

Banks ID: 92871

Well Address: 8202 Iron Horse, Wall, TX 76957

Rel. Loc.: 0.78mi NE

Completion Date: 2006-09-14

Drill Depth: 180.0

Owner: Lipan Development Co.

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-14
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	Amended 9/27/06 Ref.#3959

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
92871	Filter Packed	
92871	Open Hole	

Bore Hole Info

Well Report Tracking Number:	92871
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	92871
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	92871
Measurement:	106

STATE OF TEXAS WELL REPORT for Tracking #92871

Owner:	**Lipan Development Co.**	Owner Well #:	**4**
Address:	**8202 Iron Horse Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8202 Iron Horse Wall, TX 76957**	Latitude:	**31° 22' 49" N**
		Longitude:	**100° 17' 58" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/14/2006** Drilling End Date: **9/14/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 13**
24	**25**	**betonite 1**

Seal Method: **Wheel Barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **106 ft.** below land surface on **2006-09-14** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)		Water Type
115'	**165'**	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **Amended 9/27/06 Ref.#3959**

Report Amended on by Request #3959

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**3**	**dirt**
3	**54**	**brown clay**
54	**132**	**brown rock**
132	**158**	**red bed**
158	**163**	**brown rock**
163	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5"	**new**	**PVC**	**2 to 180 1/8**

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 132: SDR - 8213 Ironhorse

Map ID: 132

Source: Texas Water Development Board

Well Report Tracking Number: 95361

SDR - Submitted Drillers Report

Banks ID: 95361

Well Address: 8213 Ironhorse, Wall, TX 76957

Rel. Loc.: 0.78mi NW

Completion Date: 2006-10-07

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1856.96 ft (-11.06 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-07
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
95361	Filter Packed	
95361	Open Hole	

Bore Hole Info

Well Report Tracking Number:	95361
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	95361
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	95361
Measurement:	105

STATE OF TEXAS WELL REPORT for Tracking #95361

Owner:	**Lipan Developement Co.**	Owner Well #:	**26**
Address:	**8213 Ironhorse Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8213 Ironhorse Wall, TX 76957**	Latitude:	**31° 22' 45" N**
		Longitude:	**100° 18' 56" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/7/2006** Drilling End Date: **10/7/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 11**
24	**25**	**betonite 1**

Seal Method: **whell barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **105 ft.** below land surface on **2006-10-07** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Unknown** **Yield: 100 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)		Water Type
117'	160'	good

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Report Amended on by Request #3994

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	4	dirt
4	58	brown clay
58	97	brown rock
97	107	brown clay
107	123	brown rock
123	134	blue clay
134	146	red clay
146	152	blue clay
152	180	grey rock

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5"	new	PVC	-2 to 180 1/8

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Map ID 133: SDR - 8185 McCormick

Map ID: 133

Source: Texas Water Development Board

Well Report Tracking Number: 95364

SDR - Submitted Drillers Report

Banks ID: 95364

Well Address: 8185 McCormick, Wall, TX 76957

Rel. Loc.: 0.79mi NE

Completion Date: 2006-10-09

Drill Depth: 180.0

Owner: Lipan Development Co

Elevation: 1860.24 ft (-7.78 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-09
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
95364	Filter Packed	
95364	Open Hole	

Bore Hole Info

Well Report Tracking Number:	95364
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	95364
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	95364
Measurement:	90

STATE OF TEXAS WELL REPORT for Tracking #95364

Owner:	**Lipan Development Co**	Owner Well #:	**29**
Address:	**8185 McCormick Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8185 McCormick Wall, TX 76957**	Latitude:	**31° 22' 51" N**
		Longitude:	**100° 18' 01" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/9/2006** Drilling End Date: **10/9/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**Grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**Cement/10**
24	**25**	**Betonite/1**

Seal Method: **Wheel Barrow**

Sealed By: **BJW**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Tape Measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **90 ft.** below land surface on **2006-10-09** Measurement Method: **Unknown**

Packers: **N/A**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
N/A		

Water Quality:

Strata Depth (ft.)	Water Type
94' 160'	**Good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S Fm 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**4**	**Dirt**
4	**59**	**Brown Clay**
59	**122**	**Brown Rock**
122	**128**	**Yellow clay**
128	**134**	**Blue clay**
134	**148**	**Red Clay**
148	**180**	**Grey Rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" New PVC -2 to 180 1/8			

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Map ID 134: SDR - 8116 MC CORMICK DRIVE

Map ID: 134

Source: Texas Water Development Board

Well Report Tracking Number: 95254

SDR - Submitted Drillers Report

Banks ID: 95254

Well Address: 8116 MC CORMICK DRIVE, WALL, TX 76957

Rel. Loc.: 0.79mi N

Completion Date: 2006-10-12

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1860.24 ft (-7.78 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-12
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	95254
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	95254
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	95254
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	95254
Measurement:	75

STATE OF TEXAS WELL REPORT for Tracking #95254

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**39**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8116 MC CORMICK DRIVE WALL, TX 76957**	Latitude:	**31° 22' 55" N**
		Longitude:	**100° 18' 12" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/12/2006** Drilling End Date: **10/12/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**14 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **75 ft.** below land surface on **2006-10-12** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
95-105/150-160	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**55**	**BROWN CLAY**
55	**90**	**WHITE LIMESTONE**
90	**120**	**BROWN ROCK**
120	**135**	**YELLOW LIME**
135	**145**	**GRAY LIME**
145	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 FT 160LB			

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Map ID 135: SDR - 8122 McCormick

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Map ID: 135

Source: Texas Water Development Board

Well Report Tracking Number: 95573

SDR - Submitted Drillers Report

Banks ID: 95573

Well Address: 8122 McCormick, Wall, TX 76957

Rel. Loc.: 0.79mi N

Completion Date: 2006-10-12

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1856.96 ft (-11.06 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-12
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	Amended 10/24/06 Ref.#3992

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
95573	Filter Packed	
95573	Open Hole	

Bore Hole Info

Well Report Tracking Number:	95573
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	95573
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	95573
Measurement:	90

STATE OF TEXAS WELL REPORT for Tracking #95573

Owner:	**Lipan Developement Co.**	Owner Well #:	**34**
Address:	**8122 McCormick Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8122 McCormick Wall, TX 76957**	Latitude:	**31° 22' 55" N**
		Longitude:	**100° 18' 11" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/12/2006** Drilling End Date: **10/12/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 10**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **90 ft.** below land surface on **2006-10-12** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Unknown** **Yield: 90 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)	Water Type
95' **158'**	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **Amended 10/24/06 Ref.#3992**

Report Amended on by Request #3992

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**4**	**dirt**
4	**56**	**brown clay**
56	**119**	**brown rock**
119	**124**	**yellow clay**
124	**132**	**blue clay**
132	**136**	**yellow clay**
136	**148**	**red clay**
148	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" new PVC -2 to 180 1/8			

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Map ID 136: SDR - Hawk Ave

Map ID: 136		**Source: Texas Water Development Board**
Well Report Tracking Number: 204662	**SDR - Submitted Drillers Report**	**Banks ID: 204662**
Well Address: Hawk Ave, Wall, TX		**Rel. Loc.: 0.80mi NE**
Completion Date: 2006-05-04		**Drill Depth: 200.0**
Owner: Gene Gully		**Elevation: 1863.52 ft (-4.49 ft)**

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-05-04
Company Name:	Michael C. Hoelscher
Driller Name:	Michael Carl Hoelscher
Commentary:	Note attached by driller: "These 3 wells were drilled for public supply and are waiting on TNRCC permits." $scd

Bore Hole Completion

Well Report Tracking Number:	204662
Bore Hole Completion:	Unknown
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	204662
Diameter:	6
Top Depth:	0
Bottom Depth:	200

Drilling Method

Well Report Tracking Number:	204662
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	204662
Measurement:	60

STATE OF TEXAS WELL REPORT for Tracking #204662

Owner:	**Gene Gully**	Owner Well #:	**center #1**
Address:	**2904 Phinney Rd** **Mereta, TX 76940**	Grid #:	**43-38-8**
Well Location:	**Hawk Ave** **Wall, TX**	Latitude:	**31° 22' 47" N**
		Longitude:	**100° 17' 53" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Public Supply**

Drilling Start Date: **5/4/2006** Drilling End Date: **5/4/2006** **Plans Approved by TCEQ - NO**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**6**	**0**	**200**

Drilling Method: **Air Rotary**

Borehole Completion: **Unknown**

Annular Seal Data: **No Data**

Seal Method: **Not Applicable**

Sealed By: **Unknown**

Distance to Property Line (ft.): **686**

Distance to Septic Field or other concentrated contamination (ft.): **none**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **measure**

Surface Completion: **Unknown**

Water Level: **60 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **Jetted** **Yield: 200 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
62, 110-123, 149, 160, 170	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Michael C. Hoelscher**

11385 FM 765
San Angelo, TX 76905

Driller Name: **Michael C. Hoelscher** License Number: **2409**

Comments: **Note attached by driller: "These 3 wells were drilled for public supply and are waiting on TNRCC permits." $scd**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**topsoil**
3	**60**	**red clay**
60	**105**	**white lime**
105	**123**	**conglomerate**
123	**125**	**yellow lime**
125	**130**	**bluish-green lime**
130	**141**	**red clay**
141	**148**	**blue lime**
148	**200**	**gray shale**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
8	**PVC**	**0-10**	

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Map ID 137: SDR - 8201 McCormick

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Map ID: 137

Source: Texas Water Development Board

Well Report Tracking Number: 95363

SDR - Submitted Drillers Report

Banks ID: 95363

Well Address: 8201 McCormick, Wall, TX 76957

Rel. Loc.: 0.80mi NE

Completion Date: 2006-10-09

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-09
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
95363	Filter Packed	
95363	Open Hole	

Bore Hole Info

Well Report Tracking Number:	95363
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	95363
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	95363
Measurement:	100

STATE OF TEXAS WELL REPORT for Tracking #95363

Owner:	**Lipan Developement Co.**	Owner Well #:	**28**
Address:	**8201 McCormick Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8201 McCormick Wall, TX 76957**	Latitude:	**31° 22' 50" N**
		Longitude:	**100° 17' 58" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/9/2006** Drilling End Date: **10/9/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**Grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**Cement/10**
24	**25**	**Betonite/ 1**

Seal Method: **Wheel Barrow**

Sealed By: **BJW**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Tape Measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **100 ft.** below land surface on **2006-10-09** Measurement Method: **Unknown**

Packers: **N/A**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
N/A		

Water Quality:

Strata Depth (ft.)		Water Type
95'	**152'**	**Good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S Fm 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**4**	**dirt**
4	**54**	**brown clay**
54	**114**	**brown rock**
114	**122**	**Yellow Clay**
122	**128**	**Green Clay**
128	**135**	**Yellow clay**
135	**146**	**Red clay**
146	**151**	**Blue Clay**
151	**180**	**Grey Rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" New PVC -2 to 180 1/8			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 138: SDR - 7013 HARVESTER LANE

Map ID: 138

Source: Texas Water Development Board

Well Report Tracking Number: 94855

SDR - Submitted Drillers Report

Banks ID: 94855

Well Address: 7013 HARVESTER LANE, WALL, TX 76957

Rel. Loc.: 0.80mi NE

Completion Date: 2006-10-06

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	1856
Type Of Work:	New Well
Drilling Start Date:	2006-10-06
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	94855
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	94855
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94855
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94855
Measurement:	76

STATE OF TEXAS WELL REPORT for Tracking #94855

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**32**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**7013 HARVESTER LANE WALL, TX 76957**	Latitude:	**31° 22' 44" N**
		Longitude:	**100° 17' 49" W**
Well County:	**Tom Green**	Elevation:	**1856 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/6/2006** Drilling End Date: **10/6/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**14 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **76 ft.** below land surface, and **100 GPM** artesian flow on **2006-10-06** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
110-120/150-165	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**60**	**BROWN CLAY**
60	**80**	**WHITE LIMESTONE**
80	**135**	**BROWN ROCK**
135	**145**	**YELLOW LIME**
145	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 FT 160 LB			

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(512) 334-5540

Map ID 139: SDR - 8128 MC CORMICK DRIVE

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Map ID: 139

Source: Texas Water Development Board

Well Report Tracking Number: 95256

SDR - Submitted Drillers Report

Banks ID: 95256

Well Address: 8128 MC CORMICK DRIVE, WALL, TX 76957

Rel. Loc.: 0.80mi N

Completion Date: 2006-10-13

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1860.24 ft (-7.78 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-13
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	95256
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	95256
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	95256
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	95256
Measurement:	75

STATE OF TEXAS WELL REPORT for Tracking #95256

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**40**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8128 MC CORMICK DRIVE WALL, TX 76957**	Latitude:	**31° 22' 55" N**
		Longitude:	**100° 18' 09" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/13/2006** Drilling End Date: **10/13/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**14 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **75 ft.** below land surface on **2006-10-13** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
90-120/150-165	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**55**	**BROWN CLAY**
55	**85**	**WHITE LIMESTONE**
85	**120**	**BROWN ROCK**
120	**130**	**YELLOW LIME**
130	**145**	**RED LIME**
145	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 FT 160LB			

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P.O. Box 12157
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(512) 334-5540

Map ID 140: SDR - Woods Rd

Map ID: 140

Source: Texas Water Development Board

Well Report Tracking Number: 395146

SDR - Submitted Drillers Report

Banks ID: 395146

Well Address: Woods Rd, San Angelo, TX 76904

Rel. Loc.: 0.81mi W

Completion Date: 2015-04-15

Drill Depth: 180.0

Owner: Harvey Wilde

Elevation: 1856.96 ft (-11.06 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2015-04-15
Company Name:	Michael C Hoelscher
Driller Name:	Michael Carl Hoelscher
Commentary:	^LA

Bore Hole Completion

Well Report Tracking Number:	395146
Bore Hole Completion:	Straight Wall
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number	Diameter	Top Depth	Bottom Depth
395146	10	20	180
395146	13	0	20

Drilling Method

Well Report Tracking Number:	395146
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	395146
Measurement:	80

Sites in Map ID 140 Cluster

Dataset	Well Name	Well Address	Page #
SDR	Harvey Wilde	Woods Rd, San Angelo, TX 76904	481
SDR	Harvey Wilde	Woods Rd, San Angelo, TX 76904	484

STATE OF TEXAS WELL REPORT for Tracking #395146

Owner:	**Harvey Wilde**	Owner Well #:	**No Data**
Address:	**7902 Woods Rd San Angelo, TX 76904**	Grid #:	**43-46-2**
Well Location:	**Woods Rd San Angelo, TX 76904**	Latitude:	**31° 22' 00" N**
		Longitude:	**100° 19' 10" W**
Well County:	**Tom Green**	Elevation:	**No Data**

Type of Work: **New Well** Proposed Use: **Irrigation**

Drilling Start Date: **4/15/2015** Drilling End Date: **4/15/2015**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
13	**0**	**20**
10	**20**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**21**	**11 cement**

Seal Method: **cement slurry**

Sealed By: **Driller**

Distance to Property Line (ft.): **1400**

Distance to Septic Field or other concentrated contamination (ft.): **none**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **look**

Surface Completion: **Surface Sleeve Installed**

Water Level: **80 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **rubber 21'**

Type of Pump: **capped**

Well Tests: **Jetted** **Yield: 250 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
No Data	**100-115,135,150**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Michael C Hoelscher**

11385 FM 765
San Angelo, TX 76905

Driller Name: **Michael C Hoelscher** License Number: **2409**

Comments: **^LA**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

From (ft)	To (ft)	Description
0	**6**	**topsoil**
6	**40**	**red clay**
40	**99**	**white lime**
99	**115**	**conglomerate**
115	**125**	**bluish-green lime**
125	**150**	**gray lime & shale**
150	**160**	**red clay**
160	**180**	**gray shale & lime**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
10"	**steel**	**+1**	**20**
8"	**PVC Sch 40**	**+1**	**180**
slotted		**80**	**180**

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(512) 334-5540

Map ID 140: SDR - Woods Rd

Map ID: 140

Source: Texas Water Development Board

Well Report Tracking Number: 395157

SDR - Submitted Drillers Report

Banks ID: 395157

Well Address: Woods Rd, San Angelo, TX 76904

Rel. Loc.: 0.81mi W

Completion Date: 2015-04-15

Drill Depth: 180.0

Owner: Harvey Wilde

Elevation: 1856.96 ft (-11.06 ft)

Number Of Wells Drilled:	
Elevation:	1860
Type Of Work:	New Well
Drilling Start Date:	2015-04-15
Company Name:	Michael C Hoelscher
Driller Name:	Michael Carl Hoelscher
Commentary:	^LA

Bore Hole Completion

Well Report Tracking Number:	395157
Bore Hole Completion:	Straight Wall
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number	Diameter	Top Depth	Bottom Depth
395157	10	20	180
395157	13	0	20

Drilling Method

Well Report Tracking Number:	395157
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	395157
Measurement:	80

Sites in Map ID 140 Cluster

Dataset	Well Name	Well Address	Page #
SDR	Harvey Wilde	Woods Rd, San Angelo, TX 76904	481
SDR	Harvey Wilde	Woods Rd, San Angelo, TX 76904	484

STATE OF TEXAS WELL REPORT for Tracking #395157

Owner:	**Harvey Wilde**	Owner Well #:	**No Data**
Address:	**7902 Woods Rd San Angelo, TX 76904**	Grid #:	**43-46-2**
Well Location:	**Woods Rd San Angelo, TX 76904**	Latitude:	**31° 22' 00" N**
		Longitude:	**100° 19' 10" W**
Well County:	**Tom Green**	Elevation:	**1860 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Irrigation**

Drilling Start Date: **4/15/2015** Drilling End Date: **4/15/2015**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
13	**0**	**20**
10	**20**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**21**	**11 cement**

Seal Method: **cement slurry**

Sealed By: **Driller**

Distance to Property Line (ft.): **1400**

Distance to Septic Field or other concentrated contamination (ft.): **none**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **look**

Surface Completion: **Surface Sleeve Installed**

Water Level: **80 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **rubber 21'**

Type of Pump: **capped**

Well Tests: **Jetted** **Yield: 250 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
No Data	**100-115,135,150**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Michael C Hoelscher**

11385 FM 765
San Angelo, TX 76905

Driller Name: **Michael C Hoelscher** License Number: **2409**

Comments: **^LA**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

From (ft)	To (ft)	Description
0	**6**	**topsoil**
6	**40**	**red clay**
40	**99**	**white lime**
99	**115**	**conglomerate**
115	**125**	**bluish-green lime**
125	**150**	**gray lime & shale**
150	**160**	**red clay**
160	**180**	**gray shale & lime**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
10"	**steel**	**+1**	**20**
8"	**PVC Sch 40**	**+1**	**180**
slotted		**80**	**180**

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(512) 334-5540

Map ID 142: SDR - 8214 Iron Horse

Map ID: 142

Source: Texas Water Development Board

Well Report Tracking Number: 93733

SDR - Submitted Drillers Report

Banks ID: 93733

Well Address: 8214 Iron Horse, Wall, TX 76957

Rel. Loc.: 0.82mi NE

Completion Date: 2006-09-19

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	1849
Type Of Work:	New Well
Drilling Start Date:	2006-09-19
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
93733	Filter Packed	
93733	Open Hole	

Bore Hole Info

Well Report Tracking Number:	93733
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	93733
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	93733
Measurement:	90

Sites in Map ID 142 Cluster

Dataset	Well Name	Well Address	Page #
SDR	Lipan Developement Co.	8214 Iron Horse, Wall, TX 76957	487
SDR	LIPAN DEVELOPMENT COMPANY	8213 MC CORMICK DRIVE, WALL, TX 76957	490

STATE OF TEXAS WELL REPORT for Tracking #93733

Owner:	**Lipan Developement Co.**	Owner Well #:	**7**
Address:	**8214 Iron Horse Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8214 Iron Horse Wall, TX 76957**	Latitude:	**31° 22' 50" N**
		Longitude:	**100° 17' 56" W**
Well County:	**Tom Green**	Elevation:	**1849 ft. above sea level**

Type of Work: **New Well** Proposed Use: **Domestic**

Drilling Start Date: **9/19/2006** Drilling End Date: **9/19/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 10**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **90 ft.** below land surface on **2006-09-19** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)		Water Type
102'	117'	good

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	4	dirt
4	62	brown clay
62	124	brown rock
124	151	red bed
151	180	grey rock

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" new PVC -2 to 180 1/8			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Map ID 142: SDR - 8213 MC CORMICK DRIVE

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Map ID: 142

Source: Texas Water Development Board

Well Report Tracking Number: 94858

SDR - Submitted Drillers Report

Banks ID: 94858

Well Address: 8213 MC CORMICK DRIVE, WALL, TX 76957

Rel. Loc.: 0.82mi NE

Completion Date: 2006-10-07

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	1857
Type Of Work:	New Well
Drilling Start Date:	2006-10-07
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	94858
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	94858
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94858
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94858
Measurement:	75

Sites in Map ID 142 Cluster

Dataset	Well Name	Well Address	Page #
SDR	Lipan Developement Co.	8214 Iron Horse, Wall, TX 76957	487
SDR	LIPAN DEVELOPMENT COMPANY	8213 MC CORMICK DRIVE, WALL, TX 76957	490

STATE OF TEXAS WELL REPORT for Tracking #94858

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**33**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8213 MC CORMICK DRIVE WALL, TX 76957**	Latitude:	**31° 22' 50" N**
		Longitude:	**100° 17' 56" W**
Well County:	**Tom Green**	Elevation:	**1857 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/7/2006** Drilling End Date: **10/7/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**13 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **75 ft.** below land surface, and **100 GPM** artesian flow on **2006-10-07** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
100-130/150-155	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**65**	**BROWN CLAY**
65	**90**	**WHITE LIMESTONE**
90	**125**	**BROWN ROCK**
125	**132**	**YELLOW LIME**
132	**144**	**RED LIME**
144	**150**	**GRAY LIME**
150	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 FT 160 LB			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Texas Department of Licensing and Regulation
P.O. Box 12157
Austin, TX 78711
(512) 334-5540

Map ID 144: SDR - 8140 MC CORMICK DRIVE

Map ID: 144

Source: Texas Water Development Board

Well Report Tracking Number: 95257

SDR - Submitted Drillers Report

Banks ID: 95257

Well Address: 8140 MC CORMICK DRIVE, WALL, TX 76957

Rel. Loc.: 0.83mi NE

Completion Date: 2006-10-14

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1860.24 ft (-7.78 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-14
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	95257
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	95257
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	95257
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	95257
Measurement:	77

STATE OF TEXAS WELL REPORT for Tracking #95257

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**41**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8140 MC CORMICK DRIVE WALL, TX 76957**	Latitude:	**31° 22' 55" N**
		Longitude:	**100° 18' 05" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/14/2006** Drilling End Date: **10/14/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**13 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **77 ft.** below land surface on **2006-10-14** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
97-100/150-165	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**55**	**BROWN CLAY**
55	**80**	**WHITE LIMESTONE**
80	**110**	**BROWN ROCK**
110	**115**	**BROWN LIME**
115	**125**	**YELLOW LIME**
125	**145**	**RED LIME**
145	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 FT 160LB			

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Map ID 145: SDR - 8226 IRON HORSE DRIVE

Map ID: 145

Source: Texas Water Development Board

Well Report Tracking Number: 94073

SDR - Submitted Drillers Report

Banks ID: 94073

Well Address: 8226 IRON HORSE DRIVE, WALL, TX 76957

Rel. Loc.: 0.83mi NE

Completion Date: 2006-09-25

Drill Depth: 180.0

Owner: LIPAN DEVELOPMENT COMPANY

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	1858
Type Of Work:	New Well
Drilling Start Date:	2006-09-25
Company Name:	WOEHL DRILLING # 2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	94073
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	94073
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94073
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94073
Measurement:	90

STATE OF TEXAS WELL REPORT for Tracking #94073

Owner:	**LIPAN DEVELOPMENT COMPANY**	Owner Well #:	**17**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8226 IRON HORSE DRIVE WALL, TX 76957**	Latitude:	**31° 22' 49" N**
		Longitude:	**100° 17' 53" W**
Well County:	**Tom Green**	Elevation:	**1858 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/25/2006** Drilling End Date: **9/25/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**15 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **90 ft.** below land surface, and **100 GPM** artesian flow on **2006-09-25** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
100-135/160-175	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING # 2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**55**	**BROWN CLAY**
55	**90**	**WHITE ROCK**
90	**135**	**BROWN ROCK**
135	**157**	**YELLOW LIME**
157	**165**	**GRAY LIME**
165	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180FT 160 LB			

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Map ID 147: SDR - 8134 McCormick

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Map ID: 147

Source: Texas Water Development Board

Well Report Tracking Number: 95574

SDR - Submitted Drillers Report

Banks ID: 95574

Well Address: 8134 McCormick, Wall, TX 76957

Rel. Loc.: 0.83mi N

Completion Date: 2006-10-12

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1856.96 ft (-11.06 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-12
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
95574	Filter Packed	
95574	Open Hole	

Bore Hole Info

Well Report Tracking Number:	95574
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	95574
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	95574
Measurement:	90

STATE OF TEXAS WELL REPORT for Tracking #95574

Owner:	**Lipan Developement Co.**	Owner Well #:	**35**
Address:	**8134 McCormick Wall, TX 76957**	Grid #:	**43-38-8**
		Latitude:	**31° 22' 56" N**
Well Location:	**8134 McCormick Wall, TX 76957**	Longitude:	**100° 18' 07" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/12/2006** Drilling End Date: **10/12/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 10**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **90 ft.** below land surface on **2006-10-12** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)		Water Type
95'	**157'**	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**4**	**dirt**
4	**59**	**brown clay**
59	**122**	**brown rock**
122	**129**	**yellow clay**
129	**136**	**blue clay**
136	**148**	**red clay**
148	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" new PVC -2 to 180 1/8			

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Map ID 149: SDR - 8238 Ironhorse Dr.

Map ID: 149

Source: Texas Water Development Board

Well Report Tracking Number: 94046

SDR - Submitted Drillers Report

Banks ID: 94046

Well Address: 8238 Ironhorse Dr., Wall, TX 76957

Rel. Loc.: 0.84mi NE

Completion Date: 2006-09-26

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-26
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
94046	Filter Packed	
94046	Open Hole	

Bore Hole Info

Well Report Tracking Number:	94046
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94046
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94046
Measurement:	100

STATE OF TEXAS WELL REPORT for Tracking #94046

Owner:	**Lipan Developement Co.**	Owner Well #:	**13**
Address:	**8238 Ironhorse Dr. Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8238 Ironhorse Dr. Wall, TX 76957**	Latitude:	**31° 22' 49" N**
		Longitude:	**100° 17' 52" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/26/2006** Drilling End Date: **9/26/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
24	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 11**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **100 ft.** below land surface on **2006-09-26** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 120 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)	Water Type
108" 125" 170"	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**3**	**dirt**
3	**14**	**orange clay**
14	**59**	**brown clay**
59	**124**	**brown rock**
124	**129**	**yellow clay**
129	**134**	**blue clay**
134	**146**	**red bed**
146	**152**	**blue lime**
152	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" new PVC -2 to 180 1/8			

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Map ID 150: SDR - 8225 MC CORMICK DRIVE

Map ID: 150

Source: Texas Water Development Board

Well Report Tracking Number: 93503

SDR - Submitted Drillers Report

Banks ID: 93503

Well Address: 8225 MC CORMICK DRIVE, WALL, TX 76957

Rel. Loc.: 0.84mi NE

Completion Date: 2006-09-22

Drill Depth: 180.0

Owner: LAND DEVELOPMENT COMPANY

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	1847
Type Of Work:	New Well
Drilling Start Date:	2006-09-22
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	93503
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	93503
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	93503
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	93503
Measurement:	70

STATE OF TEXAS WELL REPORT for Tracking #93503

Owner:	**LAND DEVELOPMENT COMPANY**	Owner Well #:	**16**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8225 MC CORMICK DRIVE WALL, TX 76957**	Latitude:	**31° 22' 50" N**
		Longitude:	**100° 17' 53" W**
Well County:	**Tom Green**	Elevation:	**1847 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/22/2006** Drilling End Date: **9/22/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**15 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **70 ft.** below land surface, and **100 GPM** artesian flow on **2006-09-22** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
105-120/150-165	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**55**	**BROWN CLAY**
55	**65**	**WHITE LIMESTONE**
65	**130**	**BROWN ROCK**
130	**140**	**RED SHALE**
140	**150**	**GRAY LIME**
150	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 160 LB			

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Texas Department of Licensing and Regulation
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Austin, TX 78711
(512) 334-5540

Map ID 151: SDR - 6925 Harvester Ln.

Map ID: 151

Source: Texas Water Development Board

Well Report Tracking Number: 92870

SDR - Submitted Drillers Report

Banks ID: 92870

Well Address: 6925 Harvester Ln., Wall, TX 76957

Rel. Loc.: 0.85mi NE

Completion Date: 2006-09-13

Drill Depth: 180.0

Owner: Lipan Development Co.

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-13
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	Amended 9/27/06 Ref#3958

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
92870	Filter Packed	
92870	Open Hole	

Bore Hole Info

Well Report Tracking Number:	92870
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	92870
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	92870
Measurement:	100

STATE OF TEXAS WELL REPORT for Tracking #92870

Owner:	**Lipan Development Co.**	Owner Well #:	**3**
Address:	**6925 Harvester Ln. Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**6925 Harvester Ln. Wall, TX 76957**	Latitude:	**31° 22' 48" N**
		Longitude:	**100° 17' 50" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/13/2006** Drilling End Date: **9/13/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 13**
24	**25**	**betonite 1**

Seal Method: **Wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **100 ft.** below land surface on **2006-09-13** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 125 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)		Water Type
102'	**165'**	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **Amended 9/27/06 Ref#3958**

Report Amended on by Request #3958

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**4**	**dirt**
4	**58**	**brown clay**
58	**130**	**brown rock**
130	**156**	**red bed**
156	**163**	**blue rock**
163	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5"	**new**	**PVC**	**-2 to 180 1/8**

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(512) 334-5540

Map ID 153: SDR - 8146 McCormick

Map ID: 153

Source: Texas Water Development Board

Well Report Tracking Number: 95575

SDR - Submitted Drillers Report

Banks ID: 95575

Well Address: 8146 McCormick, Wall, TX 76957

Rel. Loc.: 0.85mi NE

Completion Date: 2006-10-13

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1860.24 ft (-7.78 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-13
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
95575	Filter Packed	
95575	Open Hole	

Bore Hole Info

Well Report Tracking Number:	95575
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	95575
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	95575
Measurement:	90

STATE OF TEXAS WELL REPORT for Tracking #95575

Owner:	**Lipan Developement Co.**	Owner Well #:	**36**
Address:	**8146 McCormick Wall, TX 76957**	Grid #:	**43-38-8**
		Latitude:	**31° 22' 56" N**
Well Location:	**8146 McCormick Wall, TX 76957**	Longitude:	**100° 18' 04" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/13/2006** Drilling End Date: **10/13/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 9**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **90 ft.** below land surface on **2006-10-13** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 90 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)		Water Type
96'	**156'**	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**4**	**dirt**
4	**59**	**brown clay**
59	**106**	**brown rock**
106	**123**	**yellow clay**
123	**136**	**blue clay**
136	**149**	**red clay**
149	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" new PVC -2 to 180 1/8			

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Map ID 154: SDR - 8237 McCormick Dr.

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Map ID: 154

Source: Texas Water Development Board

Well Report Tracking Number: 94045

SDR - Submitted Drillers Report

Banks ID: 94045

Well Address: 8237 McCormick Dr., Wall, TX 76957

Rel. Loc.: 0.86mi NE

Completion Date: 2006-09-25

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-25
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
94045	Filter Packed	
94045	Open Hole	

Bore Hole Info

Well Report Tracking Number:	94045
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	94045
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	94045
Measurement:	100

STATE OF TEXAS WELL REPORT for Tracking #94045

Owner:	**Lipan Developement Co.**	Owner Well #:	**12**
Address:	**8237 McCormick Dr. Wall, TX 76957**	Grid #:	**43-38-8**
		Latitude:	**31° 22' 50" N**
Well Location:	**8237 McCormick Dr. Wall, TX 76957**	Longitude:	**100° 17' 52" W**
Well County:	**Tom Green**	Elevation:	**No Data**

Type of Work: **New Well** Proposed Use: **Domestic**

Drilling Start Date: **9/25/2006** Drilling End Date: **9/25/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 10**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **100 ft.** below land surface on **2006-09-25** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)		Water Type
118'	158'	good

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	3	dirt
3	14	orange clay
14	58	brown clay
58	102	brown rock
102	112	yellow clay
112	126	brown rock
126	142	red bed
142	148	blue lime
148	180	grey rock

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5"	new	PVC	2 to 180 1/8

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Map ID 156: SDR - 6913 Harvester Ln.

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Map ID: 156

Source: Texas Water Development Board

Well Report Tracking Number: 93737

SDR - Submitted Drillers Report

Banks ID: 93737

Well Address: 6913 Harvester Ln., Wall, TX 76957

Rel. Loc.: 0.86mi NE

Completion Date: 2006-09-23

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1866.80 ft (-1.21 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-23
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
93737	Filter Packed	
93737	Open Hole	

Bore Hole Info

Well Report Tracking Number:	93737
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	93737
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	93737
Measurement:	92

STATE OF TEXAS WELL REPORT for Tracking #93737

Owner:	**Lipan Developement Co.**	Owner Well #:	**11**
Address:	**6913 Harvester Ln. Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**6913 Harvester Ln. Wall, TX 76957**	Latitude:	**31° 22' 49" N**
		Longitude:	**100° 17' 50" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/23/2006** Drilling End Date: **9/23/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 12**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **92 ft.** below land surface on **2006-09-23** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)	Water Type
108' 167'	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**3**	**dirt**
3	**57**	**brown clay**
57	**121**	**brown rock**
121	**136**	**yellow clay**
136	**150**	**red bed**
150	**156**	**blue lime**
156	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" new PVC -2 to 180 1/8			

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Map ID 157: SDR - 8152 McCormick

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Map ID: 157

Source: Texas Water Development Board

Well Report Tracking Number: 95576

SDR - Submitted Drillers Report

Banks ID: 95576

Well Address: 8152 McCormick, Wall, TX 76957

Rel. Loc.: 0.86mi NE

Completion Date: 2006-10-13

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1860.24 ft (-7.78 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-13
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
95576	Filter Packed	
95576	Open Hole	

Bore Hole Info

Well Report Tracking Number:	95576
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	95576
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	95576
Measurement:	90

STATE OF TEXAS WELL REPORT for Tracking #95576

Owner:	**Lipan Developement Co.**	Owner Well #:	**37**
Address:	**8152 McCormick Wall, TX 76957**	Grid #:	**43-38-8**
		Latitude:	**31° 22' 56" N**
Well Location:	**8152 McCormick Wall, TX 76957**	Longitude:	**100° 18' 02" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/13/2006** Drilling End Date: **10/13/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 10**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **90 ft.** below land surface on **2006-10-13** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 90 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)		Water Type
95'	159'	good

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	4	dirt
4	58	brown clay
58	114	brown rock
114	127	yellow clay
127	136	blue clay
136	149	red clay
149	180	grey rock

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" new PVC -2 to 180 1/8			

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Map ID 158: SDR - 8158 MC CORMICK DRIVE

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Map ID: 158

Source: Texas Water Development Board

Well Report Tracking Number: 92921

SDR - Submitted Drillers Report

Banks ID: 92921

Well Address: 8158 MC CORMICK DRIVE, WALL, TX., TX 76957

Rel. Loc.: 0.87mi NE

Completion Date: 2006-09-12

Drill Depth: 180.0

Owner: LAND DEVELOPMENT COMPANY

Elevation: 1860.24 ft (-7.78 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-12
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	92921
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	92921
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	92921
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	92921
Measurement:	85

STATE OF TEXAS WELL REPORT for Tracking #92921

Owner:	**LAND DEVELOPMENT COMPANY**	Owner Well #:	**7**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8158 MC CORMICK DRIVE WALL, TX., TX 76957**	Latitude:	**31° 22' 55" N**
		Longitude:	**100° 17' 59" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/12/2006** Drilling End Date: **9/12/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**15**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **GUESTIMATE**

Surface Completion: **Pitless Adapter Used**

Water Level: **85 ft.** below land surface, and **100 GPM** artesian flow on **2006-09-12** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
80-115/147-165	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**55**	**BROWN CLAY**
55	**80**	**WHITE ROCK**
80	**115**	**YELLOW ROCK**
115	**140**	**GRAY ROCK**
140	**145**	**GRAY LIME**
145	**180**	**GRAY ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 160 LB			

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Austin, TX 78711
(512) 334-5540

Map ID 160: SDR - Bean Rd.

Map ID: 160

Source: Texas Water Development Board

Well Report Tracking Number: 210396

SDR - Submitted Drillers Report

Banks ID: 210396

Well Address: Bean Rd., Wall, TX

Rel. Loc.: 0.89mi N

Completion Date: 2008-12-28

Drill Depth: 155.0

Owner: Jones, Linda

Elevation: 1856.96 ft (-11.06 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	Replacement
Drilling Start Date:	2008-12-23
Company Name:	Michael C. Holescher
Driller Name:	Michael Carl Hoelscher
Commentary:	Diameter of Hole Con't. Diameter 6" from 155' to 200' ^EO

Bore Hole Completion

Well Report Tracking Number:	210396
Bore Hole Completion:	Straight Wall
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number	Diameter	Top Depth	Bottom Depth
210396	10	40	155
210396	11	18	40
210396	13	0	15

Drilling Method

Well Report Tracking Number:	210396
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	210396
Measurement:	50

STATE OF TEXAS WELL REPORT for Tracking #210396

Owner:	**Jones, Linda**	Owner Well #:	**No Data**
Address:	**1948 Angle Rd. Garden City, TX 79739**	Grid #:	**43-38-8**
		Latitude:	**31° 23' 01" N**
Well Location:	**Bean Rd. Wall, TX**	Longitude:	**100° 18' 19" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**Replacement**	Proposed Use:	**Irrigation**

Drilling Start Date: **12/23/2008** Drilling End Date: **12/28/2008**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
13	**0**	**15**
11	**18**	**40**
10	**40**	**155**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**40**	**20**

Seal Method: **Cement Slurry**

Sealed By: **Driller**

Distance to Property Line (ft.): **30**

Distance to Septic Field or other concentrated contamination (ft.): **None**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Look Farm**

Surface Completion: **Surface Sleeve Installed**

Water Level: **50 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **Rubber 40'**

Type of Pump: **5 hp submersible pump.**

Well Tests: **Jetted** **Yield: 100 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
40, 90	**Good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Michael C. Holescher**

11385 FM 765
San Angelo, TX 76905

Driller Name: **Michael C. Holescher** License Number: **2409**

Comments: **Diameter of Hole Con't. Diameter 6" from 155' to 200'**
^EO

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**5**	**topsoil**
5	**40**	**conglomerate**
110	**120**	**yellow lime**
120	**130**	**bluish green clay**
140	**150**	**red clay**
150	**200**	**grey shale & lime**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
10" Steel 0'-15'			
8" PVC 0'-155'			
Slotted 80'-155'			

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Map ID 161: SDR - 8214 McCormick Dr.

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Map ID: 161

Source: Texas Water Development Board

Well Report Tracking Number: 92869

SDR - Submitted Drillers Report

Banks ID: 92869

Well Address: 8214 McCormick Dr., Wall, TX 76957

Rel. Loc.: 0.89mi NE

Completion Date: 2006-09-12

Drill Depth: 180.0

Owner: Lipan Development Co.

Elevation: 1860.24 ft (-7.78 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-12
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	Amended 9/27/06

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
92869	Filter Packed	
92869	Open Hole	

Bore Hole Info

Well Report Tracking Number:	92869
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	92869
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	92869
Measurement:	98

STATE OF TEXAS WELL REPORT for Tracking #92869

Owner:	**Lipan Development Co.**	Owner Well #:	**2**
Address:	**8214 McCormick Dr. Wall, TX 76957**	Grid #:	**43-38-8**
		Latitude:	**31° 22' 54" N**
Well Location:	**8214 McCormick Dr. Wall, TX 76957**	Longitude:	**100° 17' 55" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/12/2006** Drilling End Date: **9/12/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**12 cement**
24	**25**	**betonite 1**

Seal Method: **Wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **98 ft.** below land surface on **2006-09-12** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 125 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)		Water Type
107'	**160'**	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **Amended 9/27/06**

Report Amended on by Request #3957

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**5**	**dirt**
5	**63**	**brown clay**
63	**124**	**brown rock**
124	**133**	**green clay**
133	**145**	**red bed**
145	**156**	**brown rock**
156	**158**	**blue rock**
158	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" new PVC -2 to 180 1/8			

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Map ID 164: SDR - 6901 Harvester Ln.

Map ID: 164

Source: Texas Water Development Board

Well Report Tracking Number: 93736

SDR - Submitted Drillers Report

Banks ID: 93736

Well Address: 6901 Harvester Ln., Wall, TX 76957

Rel. Loc.: 0.90mi NE

Completion Date: 2006-09-22

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-22
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
93736	Filter Packed	
93736	Open Hole	

Bore Hole Info

Well Report Tracking Number:	93736
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	93736
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	93736
Measurement:	90

STATE OF TEXAS WELL REPORT for Tracking #93736

Owner:	**Lipan Developement Co.**	Owner Well #:	**10**
Address:	**6901 Harvester Ln. Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**6901 Harvester Ln. Wall, TX 76957**	Latitude:	**31° 22' 51" N**
		Longitude:	**100° 17' 49" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/22/2006** Drilling End Date: **9/22/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 11**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **90 ft.** below land surface on **2006-09-22** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)	Water Type
154' 160'	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**3**	**dirt**
3	**58**	**brown clay**
58	**103**	**brown rock**
103	**126**	**brown clay**
126	**142**	**red bed**
142	**154**	**blue lime**
154	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" new PVC -2 to 180 1/8			

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(512) 334-5540

Map ID 165: SDR - 8208 McCormick

Map ID: 165

Source: Texas Water Development Board

Well Report Tracking Number: 95577

SDR - Submitted Drillers Report

Banks ID: 95577

Well Address: 8208 McCormick, Wall, TX 76957

Rel. Loc.: 0.90mi NE

Completion Date: 2006-10-14

Drill Depth: 180.0

Owner: Lipan Developement Co.

Elevation: 1860.24 ft (-7.78 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-10-14
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
95577	Filter Packed	
95577	Open Hole	

Bore Hole Info

Well Report Tracking Number:	95577
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	95577
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	95577
Measurement:	90

STATE OF TEXAS WELL REPORT for Tracking #95577

Owner:	**Lipan Developement Co.**	Owner Well #:	**38**
Address:	**8208 McCormick Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8208 McCormick Wall, TX 76957**	Latitude:	**31° 22' 55" N**
		Longitude:	**100° 17' 55" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **10/14/2006** Drilling End Date: **10/14/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 10**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **90 ft.** below land surface on **2006-10-14** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 80 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)		Water Type
99'	160'	good

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	4	dirt
4	56	brown clay
56	79	brown rock
79	86	brown clay
86	116	brown rock
116	124	yelow clay
124	136	blue clay
136	149	red clay
149	180	grey rock

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5" new PVC -2 to 180 1/8			

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Map ID 166: SDR - Hawk Ave

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Map ID: 166

Source: Texas Water Development Board

Well Report Tracking Number: 204661

SDR - Submitted Drillers Report

Banks ID: 204661

Well Address: Hawk Ave, Wall, TX

Rel. Loc.: 0.90mi NE

Completion Date: 2006-05-08

Drill Depth: 180.0

Owner: Gene Gully

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-05-08
Company Name:	Michael C. Hoelscher
Driller Name:	Michael Carl Hoelscher
Commentary:	Note attached by driller: "These 3 wells were drilled for public supply and are waiting on TNRCC permits." $scd

Bore Hole Completion

Well Report Tracking Number:	204661
Bore Hole Completion:	Unknown
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	204661
Diameter:	6
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	204661
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	204661
Measurement:	55

STATE OF TEXAS WELL REPORT for Tracking #204661

Owner:	**Gene Gully**	Owner Well #:	**north #3**
Address:	**2904 Phinney Rd** **Mereta, TX 76940**	Grid #:	**43-38-8**
		Latitude:	**31° 22' 52" N**
Well Location:	**Hawk Ave** **Wall, TX**	Longitude:	**100° 17' 50" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Public Supply**

Drilling Start Date: **5/8/2006** Drilling End Date: **5/8/2006** **Plans Approved by TCEQ - NO**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**6**	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Unknown**

Annular Seal Data: **No Data**

Seal Method: **Not Applicable**

Sealed By: **Unknown**

Distance to Property Line (ft.): **345**

Distance to Septic Field or other concentrated contamination (ft.): **none**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **measure**

Surface Completion: **Unknown**

Water Level: **55 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **No Data**

Type of Pump: **No Data**

Well Tests: **Jetted** **Yield: 200 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
58, 110-122, 148, 158, 165	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Michael C. Hoelscher**

11385 FM 765
San Angelo, TX 76905

Driller Name: **Michael C. Hoelscher** License Number: **2409**

Comments: **Note attached by driller: "These 3 wells were drilled for public supply and are waiting on TNRCC permits." $scd**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
0	**3**	**topsoil**
3	**50**	**red clay**
50	**110**	**white lime**
110	**122**	**conglomerate**
122	**125**	**yellow lime**
125	**130**	**bluish-green lime**
130	**143**	**red clay**
143	**178**	**blue lime and shale**
178	**180**	**gray lime and shale**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
8	**PVC**	**0-10**	

IMPORTANT NOTICE FOR PERSONS HAVING WELLS DRILLED CONCERNING CONFIDENTIALITY

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Map ID 167: SDR - 8220 McCormick Dr.

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Map ID: 167

Source: Texas Water Development Board

Well Report Tracking Number: 92868

SDR - Submitted Drillers Report

Banks ID: 92868

Well Address: 8220 McCormick Dr., Wall, TX 76957

Rel. Loc.: 0.91mi NE

Completion Date: 2006-09-11

Drill Depth: 180.0

Owner: Lipan Development Co.

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-11
Company Name:	Woehl Drilling
Driller Name:	Bennett J Woehl
Commentary:	Amended 9/27/06 Ref.#3956

Bore Hole Completion

Well Report Tracking Number	Bore Hole Completion	Bore Hole Completion Other Desc
92868	Filter Packed	
92868	Open Hole	

Bore Hole Info

Well Report Tracking Number:	92868
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	92868
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	92868
Measurement:	100

STATE OF TEXAS WELL REPORT for Tracking #92868

Owner:	**Lipan Development Co.**	Owner Well #:	**1**
Address:	**8220 McCormick Dr. Wall, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8220 McCormick Dr. Wall, TX 76957**	Latitude:	**31° 22' 54" N**
		Longitude:	**100° 17' 53" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/11/2006** Drilling End Date: **9/11/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed; Open Hole**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**grade 5**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
1	**24**	**cement 10**
24	**25**	**betonite 1**

Seal Method: **wheel barrow**

Sealed By: **BJW**

Variance Number: **n/a**

Distance to Property Line (ft.): **52**

Distance to Septic Field or other concentrated contamination (ft.): **n/a**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **tape measure**

Surface Completion: **Pitless Adapter Used**

Water Level: **100 ft.** below land surface on **2006-09-10** Measurement Method: **Unknown**

Packers: **n/a**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 1 hours**

Plug Information:

Description (number of sacks & material)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
n/a		

Water Quality:

Strata Depth (ft.)	Water Type
106	**good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Woehl Drilling**

9170 S FM 2335
San Angelo, TX 76904

Driller Name: **Bennett J Woehl** License Number: **54940**

Comments: **Amended 9/27/06 Ref.#3956**

Report Amended on by Request #3956

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**4**	**dirt**
4	**15**	**orange clay**
15	**22**	**white clay**
22	**59**	**brown clay**
59	**106**	**brown rock**
106	**108**	**gravel**
108	**119**	**brown rock**
119	**127**	**yellow clay**
127	**146**	**red clay**
146	**150**	**blue rock**
150	**180**	**grey rock**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5"	**new**	**PVC**	**-2 to 180 1/8**

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Map ID 169: SDR - 8226 MC CORMICK DRIVE

Map ID: 169

Source: Texas Water Development Board

Well Report Tracking Number: 93502

SDR - Submitted Drillers Report

Banks ID: 93502

Well Address: 8226 MC CORMICK DRIVE, WALL, TX 76957

Rel. Loc.: 0.91mi NE

Completion Date: 2006-09-21

Drill Depth: 180.0

Owner: LAND DEVELOPMENT COMPANY

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	1824
Type Of Work:	New Well
Drilling Start Date:	2006-09-21
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	93502
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	93502
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	93502
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	93502
Measurement:	90

STATE OF TEXAS WELL REPORT for Tracking #93502

Owner:	**LAND DEVELOPMENT COMPANY**	Owner Well #:	**15**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8226 MC CORMICK DRIVE WALL, TX 76957**	Latitude:	**31° 22' 53" N**
		Longitude:	**100° 17' 51" W**
Well County:	**Tom Green**	Elevation:	**1824 ft. above sea level**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/21/2006** Drilling End Date: **9/21/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

Filter Pack Intervals:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
25	**180**	**Gravel**	**PEA**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**15 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **MEASURED**

Surface Completion: **Pitless Adapter Used**

Water Level: **90 ft.** below land surface, and **100 GPM** artesian flow on **2006-09-21** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
90-120/150-165	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**55**	**BROWN CLAY**
55	**90**	**WHITE LIMESTONE**
90	**125**	**BROWN ROCK**
125	**130**	**GRAY LIME**
130	**135**	**YELLOW LIME**
135	**142**	**RED SHALE**
142	**150**	**GRAY LIME**
150	**165**	**GRAY ROCK**
165	**180**	**BLACK ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 160 LB			

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Map ID 172: SDR - 8232 MC CORMICK DRIVE

Map ID: 172

Source: Texas Water Development Board

Well Report Tracking Number: 92918

SDR - Submitted Drillers Report

Banks ID: 92918

Well Address: 8232 MC CORMICK DRIVE, WALL, TX., TX 76957

Rel. Loc.: 0.93mi NE

Completion Date: 2006-09-11

Drill Depth: 180.0

Owner: LAND DEVELOPMENT COMPANY

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-09-11
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	92918
Bore Hole Completion:	Filter Packed
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number:	92918
Diameter:	8.5
Top Depth:	0
Bottom Depth:	180

Drilling Method

Well Report Tracking Number:	92918
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	92918
Measurement:	100

STATE OF TEXAS WELL REPORT for Tracking #92918

Owner:	**LAND DEVELOPMENT COMPANY**	Owner Well #:	**6**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8232 MC CORMICK DRIVE WALL, TX., TX 76957**	Latitude:	**31° 22' 53" N**
		Longitude:	**100° 17' 49" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **9/11/2006** Drilling End Date: **9/11/2006**

	Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
Borehole:	**8.5**	**0**	**180**

Drilling Method: **Air Rotary**

Borehole Completion: **Filter Packed**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Filter Material*	*Size*
Filter Pack Intervals:	**25**	**180**	**Gravel**	**PEA**

	Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
Annular Seal Data:	**0**	**24**	**15**
	24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **53**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **GUESTIMATE**

Surface Completion: **Pitless Adapter Used**

Water Level: **100 ft.** below land surface, and **100 GPM** artesian flow on **2006-09-11** Measurement Method: **Unknown**

Packers: **BENTONITE 24-25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 100 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
100-115/155-165	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL** License Number: **4900**

Apprentice Name: **N/A** Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**2**	**DIRT**
2	**42**	**BROWN CLAY**
42	**90**	**WHITE ROCK**
90	**125**	**BROWN ROCK**
125	**128**	**GRAY LIME**
128	**165**	**GRAY ROCK**
165	**180**	**BLACK ROCK**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 INCH NEW PLASTIC 0-180 160 LB			

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Map ID 174: SDR - 8238 McCORMICK DRIVE

BANKS ENVIRONMENTAL DATA
A DIVISION OF THE BANKS GROUP

Map ID: 174

Source: Texas Water Development Board

Well Report Tracking Number: 92038

SDR - Submitted Drillers Report

Banks ID: 92038

Well Address: 8238 McCORMICK DRIVE, WALL, TX 76957

Rel. Loc.: 0.98mi NE

Completion Date: 2006-08-23

Drill Depth: 175.0

Owner: LAND DEVELOPMENT COMPANY

Elevation: 1863.52 ft (-4.49 ft)

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	New Well
Drilling Start Date:	2006-08-23
Company Name:	WOEHL DRILLING #2
Driller Name:	Courtney Woehl
Commentary:	

Bore Hole Completion

Well Report Tracking Number:	92038
Bore Hole Completion:	Straight Wall
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number	Diameter	Top Depth	Bottom Depth
92038	7.875	25	175
92038	8.5	0	25

Drilling Method

Well Report Tracking Number:	92038
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	92038
Measurement:	100

STATE OF TEXAS WELL REPORT for Tracking #92038

Owner:	**LAND DEVELOPMENT COMPANY**	Owner Well #:	**1**
Address:	**P.O. BOX 229 WALL, TX 76957**	Grid #:	**43-38-8**
Well Location:	**8238 McCORMICK DRIVE WALL, TX 76957**	Latitude:	**31° 22' 54" N**
		Longitude:	**100° 17' 46" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**New Well**	Proposed Use:	**Domestic**

Drilling Start Date: **8/23/2006** Drilling End Date: **8/23/2006**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
8.5	**0**	**25**
7.875	**25**	**175**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
0	**24**	**20 CEMENT**
24	**25**	**1 BENTONITE**

Seal Method: **READY MIX**

Sealed By: **Driller**

Variance Number: **N/A**

Distance to Property Line (ft.): **60**

Distance to Septic Field or other concentrated contamination (ft.): **N/A**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **GUESTIMATE**

Surface Completion: **Pitless Adapter Used**

Water Level: **100 ft.** below land surface, and **150 GPM** artesian flow on **2006-08-23** Measurement Method: **Unknown**

Packers: **RUBBER 25 FT**

Type of Pump: **No Data**

Well Tests: **Estimated** **Yield: 150 GPM with 0 ft. drawdown after 2 hours**

Water Quality:

Strata Depth (ft.)	Water Type
110-115\158-161	**GOOD**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **WOEHL DRILLING #2**

10997 FM HWY 2166
SAN ANGELO, TX 76904

Driller Name: **COURTNEY WOEHL**

License Number: **4900**

Apprentice Name: **N/A**

Apprentice Number: **N/A**

Comments: **No Data**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

Top (ft.)	Bottom (ft.)	Description
1	**3**	**DIRT**
3	**50**	**BROWN CLAY**
50	**63**	**BROWN SHALE**
63	**90**	**WHITE ROCK**
90	**105**	**BROWN SHALE**
105	**115**	**BROWN ROCK**
115	**130**	**BROWN LIME**
130	**165**	**GRAY ROCK**
165	**170**	**BROWN ROCK**
170	**175**	**GRAY LIME**

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
5 IN NEW PLASTIC 0-175 FT 160 LB			

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Map ID 176: SDR - Hawk Ave.

Map ID: 176		**Source: Texas Water Development Board**
Well Report Tracking Number: 272034	**SDR - Submitted Drillers Report**	**Banks ID: 272034**
Well Address: Hawk Ave., Wall, TX		**Rel. Loc.: 0.99mi NE**
Completion Date: 2011-07-05		**Drill Depth: 190.0**
Owner: Kenny Strube		**Elevation: 1860.24 ft (-7.78 ft)**

Number Of Wells Drilled:	
Elevation:	
Type Of Work:	Deepening
Drilling Start Date:	2011-07-04
Company Name:	Michael C. Hoelscher
Driller Name:	Michael Carl Hoelscher
Commentary:	^EAD

Bore Hole Completion

Well Report Tracking Number:	272034
Bore Hole Completion:	Straight Wall
Bore Hole Completion Other Desc:	

Bore Hole Info

Well Report Tracking Number	Diameter	Top Depth	Bottom Depth
272034	10	0	120
272034	9	120	190

Drilling Method

Well Report Tracking Number:	272034
Drilling Method:	Air Rotary
Drilling Method Other Desc:	

Levels

Well Report Tracking Number:	272034
Measurement:	115

End of SDR Section

End of Water Well Details Section

STATE OF TEXAS WELL REPORT for Tracking #272034

Owner:	**Kenny Strube**	Owner Well #:	**No Data**
Address:	**4805 N Brentwood Dr. San Angelo, TX 76905**	Grid #:	**43-38-8**
		Latitude:	**31° 22' 57" N**
Well Location:	**Hawk Ave. Wall, TX**	Longitude:	**100° 17' 49" W**
Well County:	**Tom Green**	Elevation:	**No Data**
Type of Work:	**Deepening**	Proposed Use:	**Irrigation**

Drilling Start Date: **7/4/2011** Drilling End Date: **7/5/2011**

Borehole:

Diameter (in.)	*Top Depth (ft.)*	*Bottom Depth (ft.)*
10	**0**	**120**
9	**120**	**190**

Drilling Method: **Air Rotary**

Borehole Completion: **Straight Wall**

Annular Seal Data:

Top Depth (ft.)	*Bottom Depth (ft.)*	*Description (number of sacks & material)*
-1	**15**	**4**

Seal Method: **Cement Slurry**

Sealed By: **Driller**

Distance to Property Line (ft.): **60**

Distance to Septic Field or other concentrated contamination (ft.): **None**

Distance to Septic Tank (ft.): **No Data**

Method of Verification: **Look Farm**

Surface Completion: **Surface Slab Installed**

Water Level: **115 ft.** below land surface on **No Data** Measurement Method: **Unknown**

Packers: **Rubber 15'**

Type of Pump: **Submersible**

Well Tests: **Jetted** **Yield: 100 GPM**

Water Quality:

Strata Depth (ft.)	Water Type
120, 160	**Good**

Chemical Analysis Made: **No**

Did the driller knowingly penetrate any strata which contained injurious 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 report(s) being returned for completion and resubmittal.

Company Information: **Michael C. Hoelscher**

11385 FM 765
San Angelo, TX 76905

Driller Name: **Michael C. Hoelscher** License Number: **2409**

Comments: **^EAD**

Lithology:
DESCRIPTION & COLOR OF FORMATION MATERIAL

From (ft)	To (ft)	Description
		Old well cleaned out to 190 TD
		Had 10" PVC Casing , cased inside w/8" PVC

Casing:
BLANK PIPE & WELL SCREEN DATA

Dia. (in.)	New/Used	Type	Setting From/To (ft.)
8"		**PVC**	**+1'-150'**
Slotted			**80'-150'**

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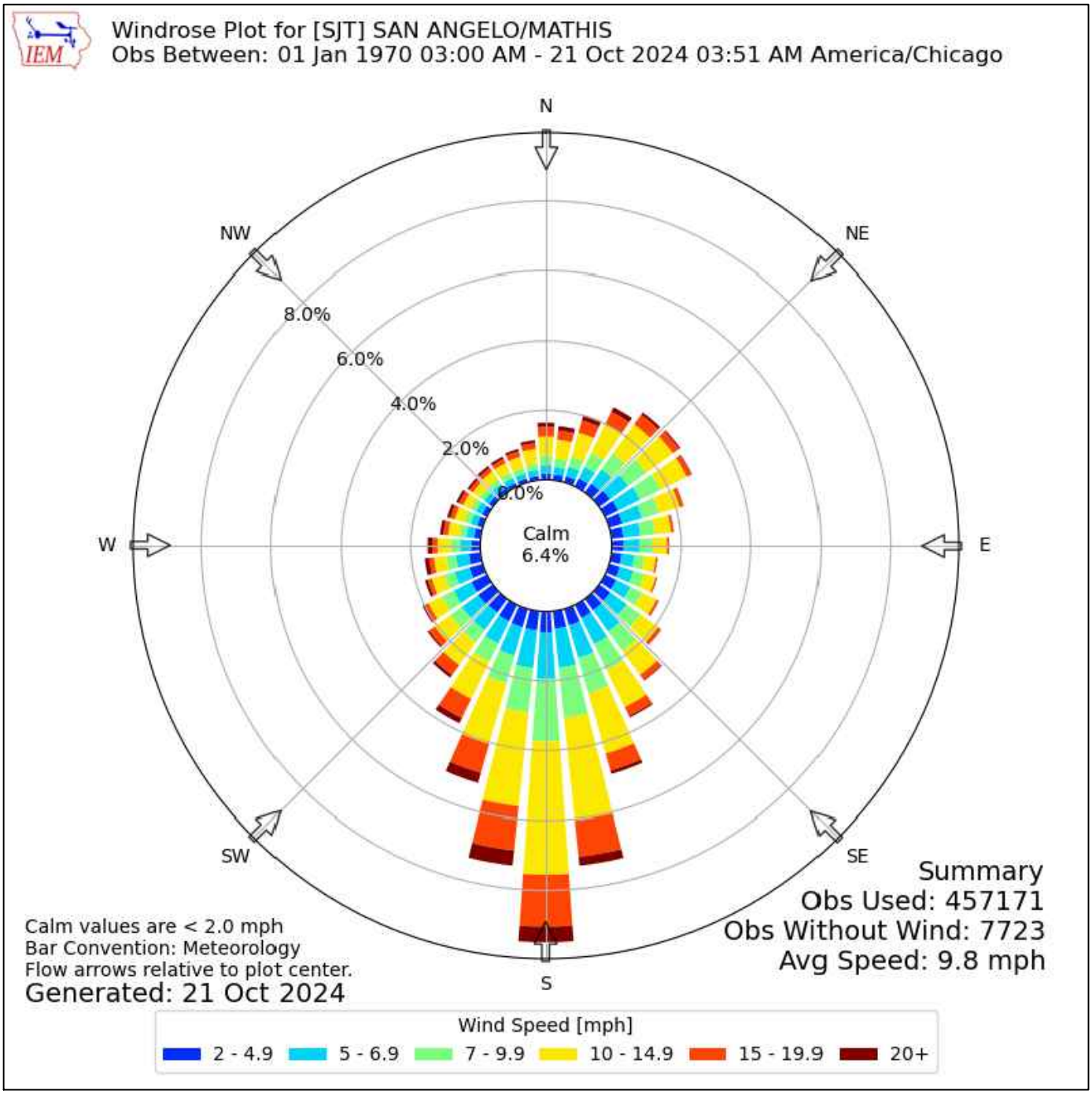
Dataset Descriptions and Sources

Dataset	Source	Dataset Description	Update Schedule	Requested Date	Received Date	Update Date	Source Update Date
WW - Water Well (US)	U.S. Geological Survey	This dataset contains groundwater well records from the U.S. Geological Survey.	Quarterly	2025-03-12	2025-03-12	2025-03-12	2025-03-12
GWS - Groundwater Supply (TX)	Texas Water Development Board	This dataset contains water well records contained within Texas Water Development Board Groundwater Database.	Quarterly	2025-03-31	2025-03-31	2025-03-31	2025-03-31
HIST - Historical Water Well (TX)	TCEQ	This dataset contains all historical water well records searched from the TCEQ Public Water Well Viewer. Banks Environmental Data plots each well record based on location information found on the log.	Historical				
HGSD - Harris/Galveston Subsidence District (TX)	Harris/Galveston/Fort Bend Subsidence Districts	This dataset contains all groundwater well records compiled by Harris Galveston Subsidence District/Fort Bend Subsidence District.	Quarterly	2025-03-31	2025-04-14	2025-04-15	2025-04-14
PWS - Public Water Supply (TX)	TCEQ	This dataset contains a collection of records from Texas Water Districts, Public Drinking Water Systems and Water and Sewer Utilities who submit information to the TCEQ.	Quarterly	2025-03-31	2025-04-04	2025-04-09	2025-04-04
SDR - Submitted Drillers Report (TX)	Texas Water Development Board	This dataset contains water well records from the Texas Water Development Board Submitted Drillers Reports Database.	Quarterly	2025-03-24	2025-03-24	2025-03-31	2025-03-24

Disclaimer

The Banks Environmental Data Water Well Report was prepared from existing state water well databases and/or additional file data/records research conducted at the state agency and the U.S. Geological Survey. Banks Environmental Data has performed a thorough and diligent search of all groundwater well information provided and recorded. All mapped locations are based on information obtained from the source. Although Banks performs quality assurance and quality control on all research projects, we recognize that any inaccuracies of the records and mapped well locations could possibly be traced to the appropriate regulatory authority or the actual driller. It may be possible that some water well schedules and logs have never been submitted to the regulatory authority by the water driller and, thus, may explain the possible unaccountability of privately drilled wells. It is uncertain if the above listing provides 100% of the existing wells within the area of review. Therefore, Banks Environmental Data cannot fully guarantee the accuracy of the data or well location(s) of those maps and records maintained by the regulatory authorities.

Exhibit XXI
Wall ISD
Wind Rose



Date: April 16, 2025 Drawn By: CE Scale: NTS	consulting environmental engineers, inc. 150 n. harbin drive - suite 408 stephenville, tx 76401 (254)968-8130 fax: (254)968-8134 email: ceeinc@ceeinc.org registered firm: #F-2323	Wall ISD Wall, Tom Green County, Texas Wind Rose	Exhibit XXI

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Exhibit XXII
Wall ISD
Sewage Sludge Solids Management

consulting environmental engineers, inc.

150 n. harbin drive – suite 408 • stephenville, tx 76401
phone: (254) 968-8130 fax: (254) 968-8134
email: ceeinc@ceeinc.org registered firm: #F-2323

Sludge Management Calculation Sheet

Permittee	1	Wall ISD	
Influent BOD	2	300	mg/l
Effluent BOD	3	65	mg/l
Average Daily Flow	4	18000	gallon/day
Influent TSS	5	20	mg/l
Average Daily Organic Load	6	50.00	lbs/day
Required Digester Volume	7	1000	cubic feet
BOD Removal	8	35.28	lbs/day

Solids Generated		100%	75%	50%	25%
BOD Removed	9	35.28	26.46	17.64	8.82
Non-Volatile TSS	10	3.00	2.25	1.50	0.75
Solids Produced (lbs)	11	17.64	13.23	8.82	4.41
Total Wet Sludge	12	515.95	386.96	257.97	128.99
Volume of Wet Sludge (cubic ft)	13	8.28	6.21	4.14	2.07
Sludge Storage Available	14	120.8	161.0	241.5	483.1

Sludge will be wasted from the RAS flow stream to the aerobic digester. Sludge solids will be stabilized in the digester; supernatant will be decanted from the digester and returned to the facility headworks for treatment.

Liquid digested sludge will be removed from the digester for disposal on a regular basis as required. The calculated mean cell residence time for the digester storage volume of 20,000 gallons will be approximately 20 days at 100% capacity. Generated waste will be hauled by Weaver and Sons Septic.

Exhibit XXIII
Wall ISD
Sludge Disposal Site Written Statement

San Angelo Pro Pump Dewatering & compost Facility
6696 Grape Creek RD.
San Angelo Texas 76901

San Angelo Pro Pump and Dewatering Compost Facility permit number MSW2357 have agreed to accept sludge from Wall ISD permit number 21501. Sludge disposal location is 6696 N. Grape Creek Rd. San Angelo, Texas 76901.

Signature: Carl Audas

Date 11/5/2018

Exhibit XXIV
Wall ISD
Water Balance

Water Balance for Wall ISD With 3.5 acre Irrigation and 1 acre Pond

Curve Number: 71
S Value: 4.08451

MONTHLY WATER BALANCE TABLE 1
(All Units are Inches of Water per Acre of Irrigated Area)

Month	Avg. Precip.	Avg. Runoff	Average Infiltrated Rainfall	Evapotrans-piration	Required Leaching	Total Water Needs	Effluent Needed in Root Zone	Net Evaporation from Reservoir (ft.)	Evaporation from Reservoir Surface	Effluent to be Applied to Land	Consumption from Reservoir
[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]	[11]	[12]
Jan.	0.94	0.06	0.88	1.3	0.04	1.34	0.46	0.21	0.95	0.54	1.49
Feb.	1.13	0.14	0.99	1.8	0.08	1.88	0.89	0.14	0.67	1.05	1.71
Mar.	1.21	0.18	1.03	4.3	0.31	4.61	3.58	0.30	1.37	4.21	5.58
April	1.68	0.35	1.33	5.2	0.37	5.57	4.24	0.53	2.43	4.99	7.42
May	3.02	0.70	2.32	8.01	0.55	8.56	6.24	0.05	0.27	7.34	7.60
June	2.36	0.55	1.81	8.71	0.66	9.37	7.56	0.55	2.53	8.89	11.43
July	1.61	0.33	1.28	8.26	0.67	8.93	7.64	0.77	3.52	8.99	12.51
Aug.	2.16	0.49	1.67	8.24	0.63	8.87	7.20	0.87	3.97	8.48	12.45
Sept.	2.84	0.66	2.18	7.7	0.53	8.23	6.05	0.31	1.44	7.12	8.56
Oct.	2.33	0.54	1.79	6	0.40	6.40	4.61	0.13	0.60	5.43	6.03
Nov.	1.1	0.13	0.97	3	0.19	3.19	2.22	0.14	0.67	2.62	3.28
Dec.	0.93	0.05	0.88	1.1	0.02	1.12	0.25	0.05	0.24	0.29	0.53
~	21.31	4.18	17.13	63.62	4.45	68.07	50.95	4.05	18.65	59.94	78.59

CE val 0.787
CI valu 9

(1) Completed in accordance with Table 1 of 30 TAC § 309.20

Irrigation Area (ac) 3.5 Surface Area of Pond: 1.33

04/22/2025

Storage Volume Requirements for Wall ISD With 3.5 acre Irrigation and 1 acre Pond

Monthly Water Balance (Table 2)

Month [13]	Mean Rainfall Distribution (%) [14]	Maximum Rainfall (in.) [15]	Maximum Runoff (in.) [16]	Maximum Rainfall Infiltration (in.) [17]	Total Water Available (in.) [18]	Mean Net Evaporation Distribution (%) [19]	Minimum Net Evaporation Reservoir Surface (in.) [20]	Storage (in.) [21]	Accumulated Storage (in.) [22]
Jan.	4.41	1.49	0.28	1.21	1.75	3.82	0.24	0.43	-0.24
Feb.	5.30	1.80	0.39	1.41	2.46	4.05	0.26	0.71	0.46
Mar.	5.68	1.92	0.43	1.50	5.71	8.31	0.53	-6.30	-5.84
April	7.88	2.67	0.62	2.05	7.03	10.54	0.67	-6.80	-12.64
May	14.17	4.80	0.99	3.81	11.15	7.76	0.49	0.83	-11.81
June	11.07	3.75	0.84	2.92	11.81	12.74	0.81	-9.26	-21.07
July	7.56	2.56	0.60	1.96	10.95	16.63	1.06	-17.27	-38.34
Aug.	10.14	3.43	0.78	2.65	11.13	13.94	0.89	-11.12	-49.45
Sept.	13.33	4.52	0.95	3.56	10.68	7.36	0.47	0.48	-48.97
Oct.	10.93	3.70	0.83	2.88	8.30	5.80	0.37	0.98	0.98
Nov.	5.16	1.75	0.37	1.38	3.99	5.07	0.32	-2.04	-1.06
Dec.	4.36	1.48	0.28	1.20	1.49	3.98	0.25	0.38	-0.68
~	100	33.88	7.35	26.53	86.46	100.00	6.35		

Max Annual Rainfall in 25 Years: 33.88
Lowest Annual Evap. in 25 Years (in.): 22.24
K = 0.85
Maximum Storage Required: 0.286232342 Ac-ft

(1) Completed in accordance with Table 2 of 30 TAC § 309.20

Exhibit XXV
Wall ISD
Copy of Check

Exhibit XXV
Wall ISD
Summary Transmittal Letter Approval

Bryan W. Shaw, Ph.D., *Chairman*
Buddy Garcia, *Commissioner*
Carlos Rubinstein, *Commissioner*
Mark R. Vickery, P.G., *Executive Director*

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

Protecting Texas by Reducing and Preventing Pollution

August 31, 2011

Mr. Charles P. Gillespie, Jr., P.E.
Consulting Environmental Engineers, Inc.
105 North Harbin Drive, Suite 408
Stephenville, Texas 76401

Re: Wall Independent School District, Texas Commission on Environmental Quality Permit No. WQ0013421001, (CN600861777; RN101608875) WWPR Log No. 0411/056 Tom Green County

Dear Mr. Gillespie:

On April 20, 2011 the TCEQ received your summary transmittal letter for the referenced project, dated April 18, 2011. The project was reviewed according to the rules in 30 TAC Chapter 317, *Design Criteria for Sewerage Systems*, which were in effect when the project was constructed.

We have completed the review and grant a conditional approval of the design for the above referenced project, based on the design elements you provided and any conditions noted in this letter. Our review indicates that the project is generally in compliance with the applicable minimum standards as set forth in 30 TAC Chapter 317. No variances from the design criteria were requested or considered. The approved design follows:

a. The system is a pre-packaged addition to increase the capacity of the existing facility. The addition includes an aeration basin, final clarifier, chlorine contact chamber, and aerobic sludge digester. Sludge is conveyed by air lift pumps.
b. The system is designed to treat the influent to secondary treatment standards. The effluent limitation in the facility's permit, based on a single grab, is 65 mg/l BOD_5.

As a condition of this approval, the issues associated with this project may be reopened if the facility fails to meet requirements of its permit limits.

printed on recycled paper using soy-based ink

Within 60 days, an appointed engineer shall notify both the Wastewater Permits Section of the TCEQ and the appropriate Region Office of the date of completion. The engineer shall also provide written certification that all construction, materials, and equipment were substantially in accordance with the approved project, the rules of the TCEQ, and any change orders filed with the TCEQ. All notifications, certifications, and change orders must include the signed and dated seal of a Professional Engineer licensed in the State of Texas.

If you have any questions, please call Louis C. Herrin, III, P.E. at (512)239-4552 or Richard H. Smith, P.E. at (512)239-5788.

Sincerely,

Dex Dean, E.I.T.
Wastewater Permits Section (MC 148)
Water Quality Division
Texas Commission on Environmental Quality

Louis C. Herrin, III, P.E.
Wastewater Permits Section (MC 148)
Water Quality Division
Texas Commission on Environmental Quality

DD/LCH/evm

Exhibit XXVI
Wall ISD
Plain Language Summary Form 20972

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

SUMMARY OF APPLICATION IN PLAIN LANGUAGE FOR TPDES OR TLAP PERMIT APPLICATIONS

Summary of Application (in plain language) Template and Instructions for Texas Pollutant Discharge Elimination System (TPDES) and Texas Land Application (TLAP) Permit Applications

Applicants should use this template to develop a plain language summary of your facility and application as required by Title 30, Texas Administrative Code (30 TAC), Chapter 39, Subchapter H. You may modify the template as necessary to accurately describe your facility as long as the summary includes the following information: (1) the function of the proposed plant or facility; (2) the expected output of the proposed plant or facility; (3) the expected pollutants that may be emitted or discharged by the proposed plant or facility; and (4) how you will control those pollutants, so that the proposed plant will not have an adverse impact on human health or the environment.

Fill in the highlighted areas below to describe your facility and application in plain language. Instructions and examples are provided below. Make any other edits necessary to improve readability or grammar and to comply with the rule requirements. After filling in the information for your facility delete these instructions.

If you are subject to the alternative language notice requirements in 30 TAC Section 39.426, **you must provide a translated copy of the completed plain language summary in the appropriate alternative language as part of your application package**. For your convenience, a Spanish template has been provided below.

ENGLISH TEMPLATE FOR TPDES or TLAP NEW/RENEWAL/AMENDMENT APPLICATIONS DOMESTIC WASTEWATER/STORMWATER

The following summary is provided for this pending water quality permit application being reviewed by the Texas Commission on Environmental Quality as required by 30 TAC Chapter 39. The information provided in this summary may change during the technical review of the application and is not a federal enforceable representation of the permit application.

Wall Independent School District (CN600861777) operates Wall School Campus WWTP (RN101608875), an activated sludge process plant using the extended aeration mode. The facility is located at 8065 Loop 570, in Wall, Tom Green County, Texas 76957. This application is to re-permit the existing TLAP with irrigation . This permit will not authorize a discharge of pollutants into water in the state.

Discharges from the facility are expected to contain 5-Day Biological Oxygen Demand. Domestic wastewater is treated by an activated sludge process consisting of two bar screens, two aeration basins, two clarifiers, two digesters and two chlorine contact chambers..

PLANTILLA EN ESPAÑOL PARA SOLICITUDES NUEVAS/RENOVACIONES/ENMIENDAS DE TPDES o TLAP

AGUAS RESIDUALES DOMÉSTICAS **/AGUAS PLUVIALES**

El siguiente resumen se proporciona para esta solicitud de permiso de calidad del agua pendiente que está siendo revisada por la Comisión de Calidad Ambiental de Texas según lo requerido por el Capítulo 39 del Código Administrativo de Texas 30. La información proporcionada en este resumen puede cambiar durante la revisión técnica de la solicitud y no es una representación ejecutiva fedérale de la solicitud de permiso.

Wall Independent School District (CN600861777) opera Wall School Campus WWTP RN101608875, una planta de proceso de lodos activados que utiliza el modo de aireación extendida . La instalación está ubicada en 8065 Loop 570, en 76957, Condado de Tom Green, Texas 76957. Esta solicitud es para Volver a permitir el TLAP existente con riego. Este permiso no autorizará una descarga de contaminantes en el agua en el estado.

Se espera que las descargas de la instalación contengan demanda biológica de oxígeno de 5 días. Aguas residuales domésticas . está tratado por by un proceso de lodos activados que consta de dos rejillas de barras, dos tanques de aireación, dos clarificadores, dos digestores y dos cámaras de contacto con cloro.

Exhibit XXVII
Wall ISD
Public Involvement Plan Form 20960

Texas Commission on Environmental Quality

Public Involvement Plan Form for Permit and Registration Applications

The Public Involvement Plan is intended to provide applicants and the agency with information about how public outreach will be accomplished for certain types of applications in certain geographical areas of the state. It is intended to apply to new activities; major changes at existing plants, facilities, and processes; and to activities which are likely to have significant interest from the public. This preliminary screening is designed to identify applications that will benefit from an initial assessment of the need for enhanced public outreach.

All applicable sections of this form should be completed and submitted with the permit or registration application. For instructions on how to complete this form, see TCEQ-20960-inst.

Section 1. Preliminary Screening

☒ New Permit or Registration Application

☐ New Activity – modification, registration, amendment, facility, etc. (see instructions)

If neither of the above boxes are checked, completion of the form is not required and does not need to be submitted.

Section 2. Secondary Screening

☒ Requires public notice,

☐ Considered to have significant public interest, **and**

☒ Located within any of the following geographical locations:

- Austin
- Dallas
- Fort Worth
- Houston
- San Antonio
- West Texas
- Texas Panhandle
- Along the Texas/Mexico Border
- Other geographical locations should be decided on a case-by-case basis

If all the above boxes are not checked, a Public Involvement Plan is not necessary. Stop after Section 2 and submit the form.

☐ Public Involvement Plan not applicable to this application. Provide **brief** explanation.

Section 3. Application Information

Type of Application (check all that apply):

Air ☐ Initial ☐ Federal ☐ Amendment ☐ Standard Permit ☐ Title V

Waste ☐ Municipal Solid Waste ☐ Industrial and Hazardous Waste ☐ Scrap Tire
☐ Radioactive Material Licensing ☐ Underground Injection Control

Water Quality

☐ Texas Pollutant Discharge Elimination System (TPDES)

☒ Texas Land Application Permit (TLAP)

☐ State Only Concentrated Animal Feeding Operation (CAFO)

☐ Water Treatment Plant Residuals Disposal Permit

☐ Class B Biosolids Land Application Permit

☐ Domestic Septage Land Application Registration

Water Rights New Permit

☐ New Appropriation of Water

☐ New or existing reservoir

Amendment to an Existing Water Right

☐ Add a New Appropriation of Water

☐ Add a New or Existing Reservoir

☐ Major Amendment that could affect other water rights or the environment

Section 4. Plain Language Summary

Provide a brief description of planned activities.

Wall Independent School District (CN600861777) operates Wall School Campus WWTP (RN101608875), an activated sludge process plant using the extended aeration mode. The facility is located at 8065 Loop 570, in Wall, Tom Green County, Texas 76957. This application is to re-permit the existing TLAP with irrigation . This permit will not authorize a discharge of pollutants into water in the state.
Discharges from the facility are expected to contain 5-Day Biological Oxygen Demand. Domestic wastewater is treated byan activated sludge process consisting of two bar screens, two aeration basins, two clarifiers, two digesters and two chlorine contact chambers.

Section 5. Community and Demographic Information

Community information can be found using EPA's EJ Screen, U.S. Census Bureau information, or generally available demographic tools.

Information gathered in this section can assist with the determination of whether alternative language notice is necessary. Please provide the following information.

Wall

(City)

Tom Green

(County)

48451001600

(Census Tract)

Please indicate which of these three is the level used for gathering the following information.

☐ City ☐ County ☒ Census Tract

(a) Percent of people over 25 years of age who at least graduated from high school

95.4%

(b) Per capita income for population near the specified location

$56,465

(c) Percent of minority population and percent of population by race within the specified location

20% Hispanic or Latino, 2% Other

(d) Percent of Linguistically Isolated Households by language within the specified location

(e) Languages commonly spoken in area by percentage

English, Spanish

(f) Community and/or Stakeholder Groups

N/A

(g) Historic public interest or involvement

N/A

Section 6. Planned Public Outreach Activities

(a) Is this application subject to the public participation requirements of Title 30 Texas Administrative Code (30 TAC) Chapter 39?

☒ Yes ☐ No

(b) If yes, do you intend at this time to provide public outreach other than what is required by rule?

☐ Yes ☒ No

If Yes, please describe.

If you answered "yes" that this application is subject to 30 TAC Chapter 39, answering the remaining questions in Section 6 is not required.

(c) Will you provide notice of this application in alternative languages?

☒ Yes ☐ No

Please refer to Section 5. If more than 5% of the population potentially affected by your application is Limited English Proficient, then you are required to provide notice in the alternative language.

If yes, how will you provide notice in alternative languages?

☑ Publish in alternative language newspaper

☐ Posted on Commissioner's Integrated Database Website

☐ Mailed by TCEQ's Office of the Chief Clerk

☐ Other (specify)

(d) Is there an opportunity for some type of public meeting, including after notice?

☒ Yes ☐ No

(e) If a public meeting is held, will a translator be provided if requested?

☐ Yes ☒ No

(f) Hard copies of the application will be available at the following (check all that apply):

☐ TCEQ Regional Office ☐ TCEQ Central Office

☑ Public Place (specify) Wall ISD Administration Building

Section 7. Voluntary Submittal

For applicants voluntarily providing this Public Involvement Plan, who are not subject to formal public participation requirements.

Will you provide notice of this application, including notice in alternative languages?

☐ Yes ☐ No

What types of notice will be provided?

☐ Publish in alternative language newspaper

☐ Posted on Commissioner's Integrated Database Website

☐ Mailed by TCEQ's Office of the Chief Clerk

☐ Other (specify)