



**Texas Commission on Environmental Quality (TCEQ)
Texas Emissions Reduction Plan (TERP)
New Technology Implementation Grant (NTIG) Program**

Biannual Progress Report

Contract Number: 582-23-45837-NG	Grantee Name: OXY USA, Inc.
Report for Period: July 1 - December 31st 2024	Physical Project Address: 6917 TX-349, Midland, TX 79705
Date Submitted: May 30th 2025	Project Representative Name: Angela Bedoya
Project Representative E-Mail: Angela_Bedoya@oxy.com	Project Representative Phone Number: 713-350-4994
Project Summary (150 words or less): Jaguar, a gas lift compression facility owned by Oxy USA Inc. (Oxy), This project consists of <i>replacing two of the existing seven gas engine driven reciprocating compressors with two electric motor driven reciprocating compressors</i> . In addition, the project will install a <i>new relief header from the compressor skid area</i> that will tie-in to the existing flare system. Finally, the project will also <i>supplement an existing gas fired line heater with a shell and tube heat exchanger</i> . The heat exchanger will <i>capture uncooled 3rd stage compressor discharge gas</i> to heat the oil at Iguana to meet product vapor pressure specifications. These changes will reduce NAAQS criteria pollutant emissions.	

Section I. Project Progress

- A. Indicate which Tasks, as defined in the Grant Contract Scope of Work, are currently in progress. Describe any challenges encountered during the completion of these Tasks. Discuss plans or actions taken to resolve them.

All tasks associated with the project have been completed.

Tasks 2.3 (2.3.1 through 2.3.4) have been completed. All permits were obtained and submitted to TCEQ in prior reports

Task 2.4 (2.4.1 through 2.4.4) have been completed. Project pictures attached but also submitted in previous reports)

Task 5 and 6 have also been completed in their entirety. Compressor and heat exchanger have been full commissioned and operational. Also reported in previous reports.

Task 7: Testing of final design

We submitted separate report for tasks 2.7.1 (Compressors motor performance) and 2.7.2 (heat exchanger performance). Report is attached in email submittal as well.

- Task 2.7.3: We are not performing emission testing as the compressors installed all have electrical motors so there are no stacks to test. There is also no required testing of the heat exchanger as this is a shell and tube heat exchanger where no fuel is being burned for heating so there is no stack to test. This replaced the line heater which did use fuel to heat up the oil by means of a burner. This eliminated ~2.4MTPY of CO₂e. (see report for task 2.7.2)

- B. Indicate which Tasks have been completed, and any associated accomplishments during this reporting period. Describe any challenges encountered during the completion of these Tasks. Discuss actions taken to resolve them.

All steps through Task 7 have been completed in this B2 of 2024. The units have been operating since July 2023, and all equipment is in service since April 2024. We encountered an issue with the heat exchanger control valve initially. It resulted in high pressure to the inlets of the compressors and caused multiple shutdowns. The resolution was simply the control logic of the valve and limiting the actuation. Attached at the bottom are photos of the equipment that is installed and operating. Also attached at the bottom is a summary of the scope of work for the subcontractors and the compressor packages. Completed Task 7 (Task 2.7)- Testing of final design is complete.

Section II. Goals for Upcoming Period

A. Provide a brief description of the Tasks and/or other project goals you hope to realize in the coming period and identify any notable challenges that can be foreseen.

The goal for the upcoming period will be to finalize the documentation for the project and submit final implementation report. All other portions of the project have transitioned to operations (April 2024).

Authorized Official/ Project Representative's Printed name

Angela Bedoya

Authorized Official Signature/ Project Representative's name

Date



5/30/2025

Note: Please attach any additional information that you feel should be a part of your report.



Item	Final Selection	Scope of Work
Rental Compression	Monarch Compression	Provided and servicing all rental compression
Mechanical Subcontractor	Saulsbury	Provided/Executed all mechanical, piping, and civil work for the project
I&E Subcontractor	NTACT	Provided/Executed all instrumentation and electrical work for the project
Engineering	HPF	Provided all engineering work for final implemented package