# STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION OF XTO PERMIAN OPERATING, LLC FOR A CLOSED LOOP GAS CAPTURE INJECTION PILOT PROJECT, EDDY COUNTY, NEW MEXICO.

**CASE NO. 24273** 

#### **NOTICE OF REVISED EXHIBITS**

XTO Permian Operating, LLC, applicant in the above-referenced case, gives notice that pursuant to the Division Technical Examiner's request and questions at the hearing in this matter on March 21, 2024, it is filing the attached revised exhibits for acceptance into the record, as follows.

Revised XTO Exhibit B: Revised Self-affirmed Statement of Isaac Olivas to correct a scrivener's error in the legal description of the proposed Pilot Project Area and to eliminate reference to a request to administratively approve future proposed CLGC injection wells.

Supplemental XTO Exhibit G: Supplemental Self-Affirmed Statement of Isaac Olivas, with supplemental XTO Exhibits G-1 through G-6, to (1) confirm correction of the legal description of the proposed Pilot Project Area; (2) provide a complete list of compressor stations and batteries with locations that will provide the source gas for the proposed CLGC injection; (3) an revised well tabulation data sheet for the half-mile area of review to include details on each casing string for each well within the AOR; (4) a list of wells within one-quarter mile of each proposed CLGC well; (5) an updated allocation methodology proposal with an example calculation; and (6) an updated description and flow schematic explaining the process and control of gas during normal production operations and during a CLGC injection event.

Supplemental XTO Exhibit H: Supplemental Self-Affirmed Statement of Dr. Owen Hehmeyer, with attached supplemental exhibits XTO Exhibit H-1 and H-2, to address the

Technical Examiner's questions around communication between the Avalon interval and the overlying Delaware Mountain Group and to provide a discussion of offsetting wells within one-quarter mile of the proposed CLGC injection wells.

Supplemental XTO Exhibits I & J: Self-Affirmed Attorney Statement and exhibits confirming that updated notice of the corrected proposed Pilot Project legal description was provided to all affected parties by certified mail and publication.

Respectfully submitted,

**HOLLAND & HART LLP** 

Michael H. Feldewert Adam G. Rankin Paula M. Vance Post Office Box 2208 Santa Fe, New Mexico 87504-2208 (505) 988-4421 (505) 983-6043 Facsimile mfeldewert@hollandhart.com agrankin@hollandhart.com

pmvance@hollandhart.com

ATTORNEYS FOR XTO PERMIAN OPERATING, LLC

# BEFORE THE OIL CONSERVATION DIVISION EXAMINER HEARING MARCH 21, 2024

**CASE No. 24273** 

POKER LAKE UNIT - GLGC

EDDY COUNTY, NEW MEXICO



#### STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION OF XTO PERMIAN OPERATING, LLC FOR A CLOSED LOOP GAS CAPTURE INJECTION PILOT PROJECT, EDDY COUNTY, NEW MEXICO.

**CASE NO. 24273** 

#### TABLE OF CONTENTS

- **XTO Exhibit A** Application
- **XTO** *Revised* Exhibit B *Revised* Self-Affirmed Statement of Isaac Olivas, Facilities Engineer
  - o XTO Exhibit B-1 Curriculum Vitae
  - XTO Exhibit B-2 Packer Depth Settings and Confining Interval Tops
  - o XTO Exhibit B-3 Corrosion Prevention Plan
  - o XTO Exhibit B-4 PLU #3 Well File
  - o XTO Exhibit B-5 Allocation Schematic
- XTO Exhibit C Self-Affirmed Statement of Carlos Lopez, Ph.D., Geology
  - o XTO Exhibit C-1 Curriculum Vitae
  - XTO Exhibit C-2 Geology/Engineering Statement
- XTO Exhibit D Self-Affirmed Statement of Owen Hehmeyer, Ph.D., Reservoir Engineer
  - o XTO Exhibit D-1 Curriculum Vitae
  - o XTO Exhibit D-2 Reservoir Engineer Statement
- XTO Exhibit E Self-Affirmed Notice Statement
- **XTO Exhibit F** Affidavit of Publication
- XTO Supplemental Exhibit G Supplemental Self-Affirmed Statement of Isaac Olivas, Facility Engineer

- o XTO Supplemental Exhibit G-1 Project Area Map
- o XTO Supplemental Exhibit G-2 Compressor Stations List
- o XTO Supplemental Exhibit G-3 Well Tabulation Data Sheet
- o XTO Supplemental Exhibit G-4 Well List
- o XTO Supplemental Exhibit G-5 Updated Allocation Methodology Proposal
- o XTO Supplemental Exhibit G-6 Updated Description and Flow Schematic
- XTO Supplemental Exhibit H Supplemental Self-Affirmed Statement of Dr. Owens, Reservoir Engineer
  - o XTO Supplemental Exhibit H-1 Map of Offsetting Wells within 1/4 Mile
  - o XTO Supplemental Exhibit H-2 Gunbarrel View of Wells Around 10H
- XTO Supplemental Exhibit I Self-Affirmed Statement of Notice
- XTO Supplemental Exhibit J Notice of Publication

# STATE OF NEW MEXICO ENERGY, MINERALS, AND NATURAL RESOUCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION OF XTO PERMIAN OPERATING, LLC FOR A CLOSED LOOP GAS CAPTURE PILOT PROJECT, EDDY COUNTY, NEW MEXICO.

**CASE NO. 24273** 

#### **APPLICATION**

XTO Permian Operating, LLC ("XTO" or "Applicant") through its undersigned attorneys, hereby files this application with the New Mexico Oil Conservation Division for an order authorizing XTO to initiate a pilot Closed Loop Gas Capture ("CLGC") injection project in the Avalon, First Bone Spring, Second Bone Spring, and Third Bone Spring intervals within the Bone Spring formation. In support of this application, XTO states:

#### **PROJECT SUMMARY**

1. XTO proposes to initiate CLGC injection within a non-contiguous project area of [X acres], more or less, comprising portions of twenty sections within Township 25 South, Range 30 East, NMPM, Eddy County, New Mexico (the "Project Area"), as follows.

#### **Township 25 South, Range 30 East**

Section 8: E/2 SE/4 Section 13: W/2 W/2Section 14: E/2 W/2Section 15: E/2 W/2Section 17: E/2 E/2Section 20: E/2 E/2Section 21: W/2 W/2E/2 W/2 Section 22: Section 23: W/2 W/2Section 24: W/2 NW/4 Section 26: NW/4 NW/4 Section 29: E/2 NE/4

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. A
Submitted by: XTO Permian Operating
Hearing Date: March 21, 2024
Case No. 24273

- 2. The proposed Project Area is part of a larger area known as the Poker Lake Unit.
- 3. XTO requests approval for this project to avoid the shut-in of producing wells and reduce flaring (and associated emissions) during temporary natural gas transmission system capacity reductions, such as mechanical or electrical compression outages, plant shutdowns, or other issues that temporarily prevent the delivery of natural gas into a pipeline.
- 4. XTO seeks authority to use the following ten horizontal wells within the proposed project area to occasionally inject produced gas into the Avalon, First Bone Spring, Second Bone Spring, and Third Bone Spring intervals within the Bone Spring formation:
  - a. The POKER LAKE UNIT CVX JV RR 010H (API No. 30-015-42158) with surface hole location 290 feet FSL and 675 feet FEL (Unit P) in Section 17, Township 25 South, Range 30 East, and a bottom hole location 2,374 feet FNL and 348 feet FEL (Unit H) in Section 29, Township 25 South, Range 30 East, NMPM, Eddy, New Mexico.
  - b. The POKER LAKE CVX JV RR 006H (API No. 30-015-40580) with surface hole location 125 feet FNL and 400 feet FWL (Unit D) in Section 21, Township 25 South, Range 30 East, and a bottom hole location 101 feet FSL and 389 feet FWL (Unit M) in Section 21, Township 25 South, Range 30 East, NMPM, Eddy, New Mexico.
  - c. The **POKER LAKE CVX JV PB 005H** (API No. 30-015-40763) with surface hole location 325 feet FNL and 1,980 feet FWL (Unit C) in Section 22, Township 25 South, Range 30 East, and a bottom hole location 333 feet FSL and 1,974 feet FWL (Unit N) in Section 22, Township 25 South, Range 30 East, NMPM, Eddy, New Mexico.

- d. The POKER LAKE CVX JV BS 025H (API No. 30-015-41639) with surface hole location 181 feet FNL and 660 feet FWL (Unit D) in Section 23, Township 25 South, Range 30 East, and a bottom hole location 2,340 feet FNL and 660 feet FWL (Unit E) in Section 26, Township 25 South, Range 30 East, NMPM, Eddy, New Mexico.
- e. The **POKER LAKE CVX JV BS 022H** (API No. 30-015-41693) with surface hole location 85 feet FSL and 740 feet FWL (Unit M) in Section 13, Township 25 South, Range 30 East, and a bottom hole location 35 feet FSL and 666 feet FWL (Unit M) in Section 24, Township 25 South, Range 30 East, NMPM, Eddy, New Mexico.
- f. The **POKER LAKE CVX JV PC COM 021H** (API No. 30-015-42390) with surface hole location 330 feet FSL and 675 feet FEL (Unit P) in Section 17, Township 25 South, Range 30 East, and a bottom hole location 2,315 feet FSL and 671 feet FEL (Unit I) in Section 8, Township 25 South, Range 30 East, NMPM, Eddy, New Mexico.
- g. The **POKER LAKE UNIT CVX JV PC 1H** (API No. 30-015-36635) with surface hole location 350 feet FSL and 350 feet FEL (Unit P) in Section 17, Township 25 South, Range 30 East, and a bottom hole location 368 feet FNL and 401 feet FEL (Unit A) in Section 17, Township 25 South, Range 30 East, NMPM, Eddy, New Mexico.
- h. The POKER LAKE CVX JV BS 011H (API No. 30-015-39693) with surface hole location 10 feet FNL and 1,980 feet FWL (Unit C) in Section 22, Township 25 South, Range 30 East, and a bottom hole location 226 feet FNL and 1,936

- feet FWL (Unit C) in Section 15, Township 25 South, Range 30 East, NMPM, Eddy, New Mexico.
- i. The POKER LAKE CVX JV BS 008H (API No. 30-015-39508) with surface hole location 300 feet FSL and 1,980 feet FWL (Unit N) in Section 14, Township 25 South, Range 30 East, and a bottom hole location 357 feet FNL and 1,982 feet FWL (Unit C) in Section 14, Township 25 South, Range 30 East, NMPM, Eddy, New Mexico.
- j. The **POKER LAKE CVX JV BS 021H** (API No. 30-015-41554) with surface hole location 125 feet FSL and 690 feet FWL (Unit M) in Section 13, Township 25 South, Range 30 East, and a bottom hole location 51 feet FNL and 653 feet FWL (Unit D) in Section 13, Township 25 South, Range 30 East, NMPM, Eddy, New Mexico.
- 5. The proposed average daily injection rate is 5 MMSCF/day with an expected maximum injection rate of 6 MMSCF/day during injection. *See* Exhibit C.
- 6. The maximum allowable surface pressure (MASP) for the project wells is 1,250 psi. *Id*. The current surface pressures under normal operating conditions for the wells is in the range of 850 to 950 pounds per square inch (psi). *Id*.
- 7. Injection along the horizontal portion of the proposed wellbores will be within the Bone Spring formation through the existing perforations and at the following approximate true vertical depths:
  - a. The POKER LAKE UNIT CVX JV RR 010H between 10,136 feet and 10,192 feet, within the Corral Canyon, Bone Spring, South Pool [Pool Code 13354];

- b. The **POKER LAKE CVX JV RR 006H** between 8,266 feet and 8,348 feet, within the Corral Canyon, Bone Spring, South Pool [Pool Code 13354];
- c. The **POKER LAKE CVX JV PB 005H** between 9,075 feet and 9,101 feet, within the Corral Draw, Bone Spring Pool [Pool Code 96238];
- d. The **POKER LAKE CVX JV BS 025H** between 9,883 feet and 9,947 feet, within the Corral Canyon, Bone Spring, South Pool [Pool Code 13354];
- e. The **POKER LAKE CVX JV BS 022H** between 9,202 feet and 9,276 feet, within the Wildcat G-015 S263001O; Bone Spring Pool [Pool Code 97814];
- f. The **POKER LAKE CVX JV PC COM 021H** between 10,124 feet and 10147', within the Corral Canyon; Bone Spring, South Pool [Pool Code 13354];
- g. The **POKER LAKE UNIT CVX JV PC 1H** between 8, 232 feet and 8,331 feet, within the Wildcat S253017P; Bone Spring Pool [Pool Code 97748];
- h. The **POKER LAKE CVX JV BS 011H** between 8,433 feet and 8,474 feet, within the Wildcat Big Sing; Bone Spring Pool [Pool Code 96654];
- i. The POKER LAKE CVX JV BS 008H between 9,153 feet and 9216 feet, within the Wildcat G-06 S253002O; Bone Spring Pool [Pool Code 97913]; and The POKER LAKE CVX JV BS 021H between 9,118 feet and 9,281 feet, within the Wildcat G-06 S253002O; Bone Spring Pool [Pool Code 97913]. See Exhibit A at 8-27.
- 8. A map showing the pipeline with ties to the CLGC wells, area gathering system, affected compression station, and wells, is shown in **Exhibit A** at 3.

#### WELL DATA

- 9. Information on the as-drilled wells, including wellbore diagrams, identification and location information, casing and cementing details, tubing details, packers, perforation depths, and formations tops, are shown in **Exhibit D** in tabular format and in diagram format.
- 10. The proposed MASP, assuming a full column of reservoir brine water, will not exert a pressure at the top perforation more than 90% of the production casing or liner's burst pressure. For three of the ten wells, the MASP may exceed 0.14 psi/ft, reaching up to 0.15 psi/ft, but calculations show that the proposed MASP, assuming a full column of reservoir brine water, will still not exert a pressure at the top perforation more than 90% of the production casing or liner's burst pressure. *See* Exhibit C.
- 11. Cement bond logs for each of the proposed CLGC wells will be electronically submitted to the Division's well file. These logs demonstrate that the placement of cement and cement bond of the production casing and the tie-in of the production casing with the next prior casing are sufficient.
- 12. Mechanical Integrity Tests (MITs) were completed on all ten wells within the last twelve months. The results of the tests, including charts depicting the surface pressure and test duration, are shown in **Exhibit E**. The tested pressures equal or exceed 110% of the proposed MASP.

#### **GEOLOGY**

13. Data, maps, and geologic analyses confirming that the Bone Spring formation, including the targeted injection intervals, is suitable for the proposed CLGC project are included in **Exhibit B** at pages 2-20. The data includes a general characterization of the formation,

identification of the confining layers and their suitability to prevent vertical movement of the injected gas, and depth and identity of the adjacent zones. *Id*.

- 14. Hydraulic fracturing modeling, a kind of reservoir modeling applicable to unconventional wells, indicates that the fractures may extend approximately 170 feet to 300 feet perpendicularly from the wellbore depending on the interval within the Bone Spring, the size of the original completion, and other factors. It is not expected that injected gas will migrate more than a few feet into the formation from the propped hydraulic fractures. *See* Exhibit B at pages 23-24.
- 15. The estimated stimulated reservoir volume (SRV) and supporting data for each of the ten proposed CLGC wells, and reservoir modeling and technical review, are included in **Exhibit B** at pages 25-28.
- 16. The analysis within **Exhibit B**, confirms that there will be no measurable impact on recovery from the target injection interval, primarily because the injected volume is small and, consequently, results in minimal pressure increase.
- 17. The source gas for injection will be diverted at the outlet of a compression system for the production of XTO's wells within the Poker Lake Unit identified in **Exhibit F**. Additional source wells may be added over time under an approved surface commingling authorization. Each of XTO's proposed injection wells are operated by XTO.
- 18. The composition of the source gas is provided in **Exhibit G**. Gas samples from POKER LAKE CVX JV BS 025H, a representative Bone Spring well not from the Avalon interval, and POKER LAKE UNIT CVX JV PC 1H, a representative well from the Avalon interval, are also included for comparison.

19. XTO has examined the available geologic and engineering data and found no evidence of open faults or other hydrogeological connections between the disposal zone and any underground source of drinking water. XTO has examined the available geologic and engineering data and determined that the total recoverable volume of hydrocarbons from the reservoir will not be adversely affected by the project. *See* Exhibit H.

#### **GAS ALLOCATION**

20. XTO proposes to allocate gas volumes between temporarily injected produced gas and native gas following temporary injection events using a mass balance methodology.

#### **AREA OF REVIEW**

- 21. XTO has prepared maps depicting each CLGC well, which includes its surface location and lateral, wells within 2 miles of the surface of the lateral of each CLGC well, and an outline identifying the area of review (AOR) determined by measuring one-half mile from each CLGC well. *See* Exhibits I.
- 22. A tabulation of data for all wells of public record that penetrate either the proposed injection zone or the confining layer within the AOR is shown in **Exhibit J**. Wellbore schematics for six wells that are plugged or abandoned are shown in **Exhibit K**.

#### **OPERATIONS AND SAFETY**

- 23. XTO will monitor the oil and gas production and injection flow rates, tubing pressure, and annulus pressure for all casing strings for each CLGC well. The details of the operational plan are provided in **Exhibit L**. The plan includes automated safety devices under the control of a supervisory control and data acquisition (SCADA) system.
- 24. Each CGLC well will be continuously monitored following an injection event, as required by recent Division CGLC orders.

- 25. A copy of this application will be provided by certified mail to the surface owner on which each injection well identified herein is located, and to each leasehold operator and other affected persons within any tract wholly or partially contained within one-half mile of the completed interval of the wellbore for each of the proposed injection wells. A copy of the affected parties subject to notice, along with a map and a list identifying each tract and affected persons given notice, will be provided in advance of the hearing.
- 26. Approval of this application is in the best interests of conservation, the prevention of waste, and the protection of correlative rights.

WHEREFORE, XTO Permian Operating, LLC requests that this Application be set for hearing before an Examiner of the Oil Conservation Division on March 7, and that after notice and hearing this Application be approved.

Respectfully submitted,

**HOLLAND & HART LLP** 

By:

Michael H. Feldewert Adam G. Rankin Paula M. Vance Post Office Box 2208 Santa Fe, NM 87504 505-988-4421 505-983-6043 Facsimile

mfeldewert@hollandhart.com agrankin@hollandhart.com pmvance@hollandhart.com

ATTORNEYS FOR XTO PERMIAN OPERATING, LLC

**CASE** \_\_\_:

Application of XTO Permian Operating, LLC for a Closed Loop Gas Capture Injection Pilot Project, Eddy County, New Mexico. Applicant in the seeks an order authorizing it to engage in a closed loop gas capture injection pilot project ("Pilot Project") in the Bone Spring formation within a 12,800-acre, more or less, project area consisting of the following acreage identified below in Eddy County, New Mexico (the "Project Area"):

#### **Township 25 South, Range 30 East**

Section 8: E/2 SE/4 Section 13: W/2 W/2Section 14: E/2 W/2 Section 15: E/2 W/2Section 17: E/2 E/2Section 20: E/2 E/2Section 21: W/2 W/2Section 22: E/2 W/2Section 23: W/2 W/2Section 24: W/2 NW/4 Section 26: NW/4 NW/4 Section 29: E/2 NE/4

Applicant proposes to occasionally inject produced gas from the Bone Spring and Wolfcamp formations into the following producing wells to avoid temporary flaring of gas or the shut-in of producing wells during pipeline capacity constraints, mechanical difficulties, plant shutdowns, or other events impacting the ability to deliver gas into a pipeline:

- POKER LAKE UNIT CVX JV RR 010H (API No. 30-015-42158);
- POKER LAKE CVX JV RR 006H (API No. 30-015-40580);
- **POKER LAKE CVX JV PB 005H** (API No. 30-015-40763);
- **POKER LAKE CVX JV BS 025H** (API No. 30-015-41639);
- **POKER LAKE CVX JV BS 022H** (API No. 30-015-41693);
- POKER LAKE CVX JV PC COM 021H (API No. 30-015-42390);
- **POKER LAKE UNIT CVX JV PC 1H** (API No. 30-015-36635);
- **POKER LAKE CVX JV BS 011H** (API No. 30-015-39693);
- POKER LAKE CVX JV BS 008H (API No. 30-015-39508);
   and
- **POKER LAKE CVX JV BS 021H** (API No. 30-015-41554).

XTO seeks authority to inject produced gas into the Avalon, First Bone Spring, Second Bone Spring, and Third Bone Spring intervals of the Bone Spring formation along the horizontal portion of each wellbore at surface injection pressures of no more than 1,250 psi and a maximum injection rate of 6 MMSCF/day. The subject acreage is located approximately 16 miles southeast of Loving, New Mexico.

Received by OCD: 6/12/2024/3530:27PM

# we are ExxonMobil

# Delaware New Mexico Closed Loop Gas Capture

Ali Gschwind – GHG Facilities Engineer
Garrett Cross – Production Engineer
Michael Tschauner – Special Services Foreman

Energy lives here™



# **Project Overview**

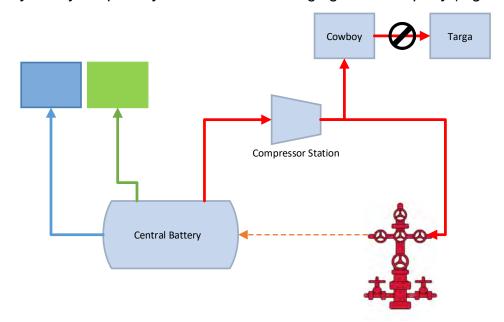
- Proposing closed loop gas capture (CLGC) for ten Poker Lake Unit (PLU) wells in order to keep production online in lieu of shutting-in for flare avoidance
- Re-routing gas from flare to be temporarily stored downhole during short term upset conditions (maximum of 4 days)
- Well produces on artificial lift in normal conditions and once interruption occurs gas is re-routed down the tubing for short-term storage
- Pilot Scope 2 batteries, 10 wells (max daily average injection rate of 10 x 5 MMSCF/day = 50 MMSCF/day)

# **Project Wells**

Wellname	Battery
POKER LAKE CVX JV PC 021H	PLU PIERCE CANYON 17 FED BATT
POKER LAKE CVX JV RR 006H	PLU PIERCE CANYON 17 FED BATT
POKER LAKE UNIT CVX JV PC 001H	PLU PIERCE CANYON 17 FED BATT
POKER LAKE UNIT CVX JV RR 010H	PLU PIERCE CANYON 17 FED BATT
POKER LAKE CVX JV BS 008H	PLU BIG SINKS 14 25 30 USA BATT
POKER LAKE CVX JV BS 011H	PLU BIG SINKS 14 25 30 USA BATT
POKER LAKE CVX JV BS 021H	PLU BIG SINKS 14 25 30 USA BATT
POKER LAKE CVX JV BS 022H	PLU BIG SINKS 14 25 30 USA BATT
POKER LAKE CVX JV PB 005H	PLU BIG SINKS 14 25 30 USA BATT
POKER LAKE UNIT CVX JV BS 025H	PLU BIG SINKS 14 25 30 USA BATT

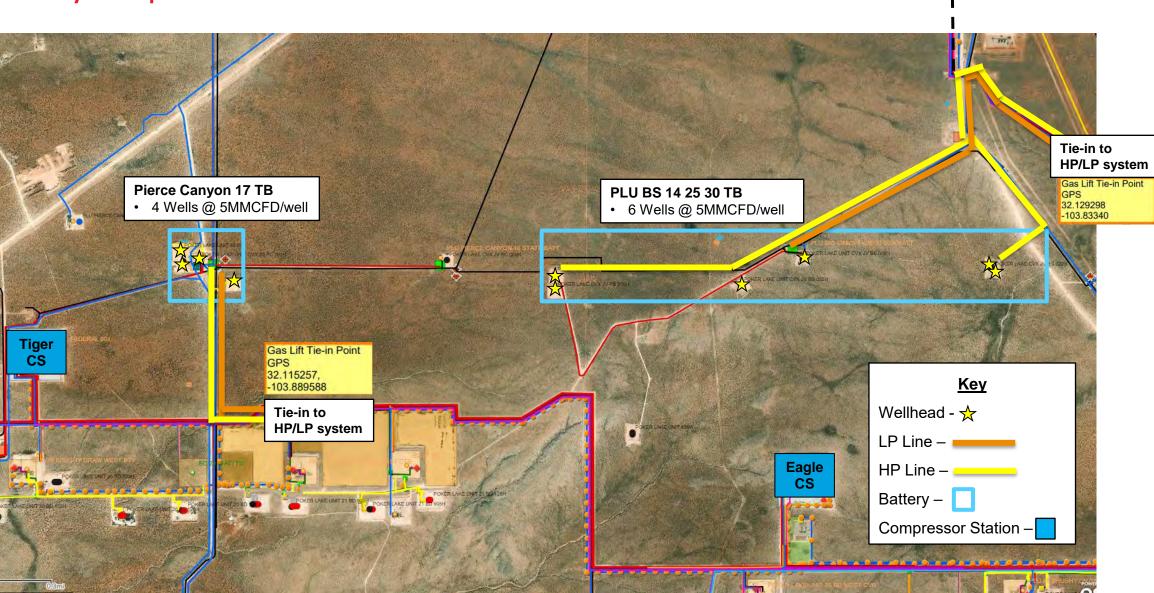
# Example (Cartoon) Process Flow Diagram

For example, temporarily divert gas from XTO-operated compression if XTO's Cowboy facility temporarily cannot send discharge gas to a 3<sup>rd</sup> party (e.g. Targa)



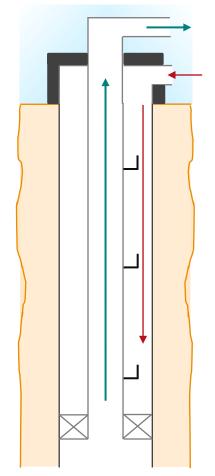
**Cowboy CDP** 

# Facility Scope – Poker Lake Unit Row 5 South



# Well Production and Re-Injection Operations

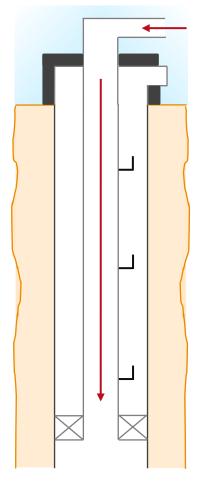
# Phase 1: Production



# Phase 1:

- Gas lift gas from the spine is sent down the casing to the appropriate downhole gas lift valve
- The gas reduces the hydrostatic of the fluid column in the tubing to enable production of fluids
- The well continues to draw down, reducing BHP to allow for later injection

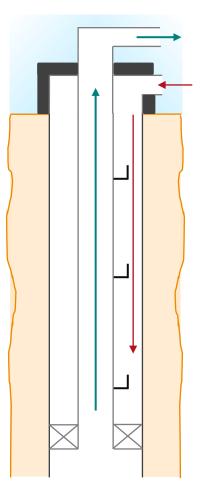
# Phase 2: Re-Injection



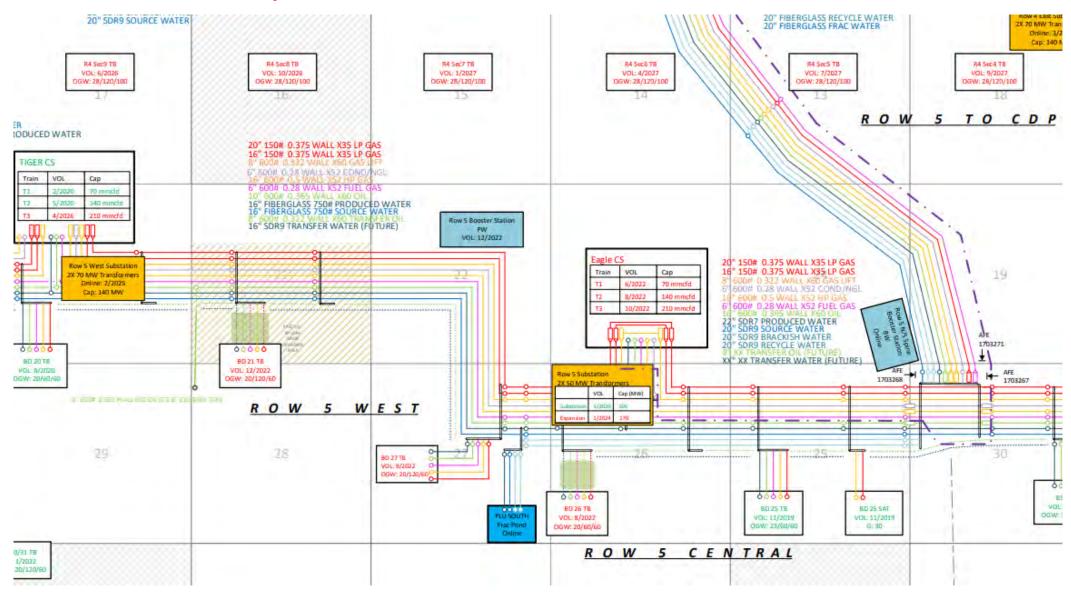
# Phase 2:

- Event occurs requiring curtailment of gas production
  - Gas takeaway constraints
  - Cowboy maintenance/upsets
  - 3<sup>rd</sup> party upsets
- Valves are actuated to isolate the flowline, and then redirect gas injection to the tubing
- At fully capacity, expect ~50
   MMCFD of injection, to
   enable ~4 kbod of production
   to remain producing
   throughout the event
- Injection period is temporary, lasting anywhere from hours to a few days

Phase 3: Production



# Poker Lake Unit - HP/LP Infrastructure



# **CLGC Production Accounting Strategy**

# Oil

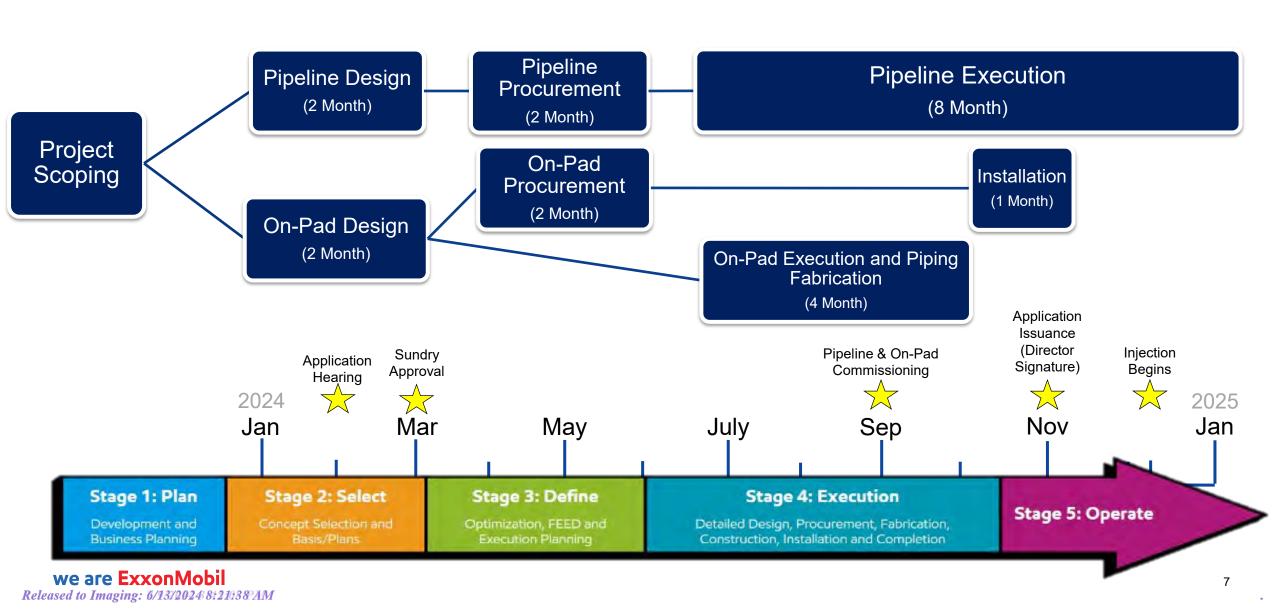
Remains unchanged and will be paid based off well test rates

# Gas

 $Gas\ Production(MSCFD) = Sum(Gas\ Sales) - Sum(Gas\ Inj) - Sum(CLGC\ Gas\ Inj)$ 

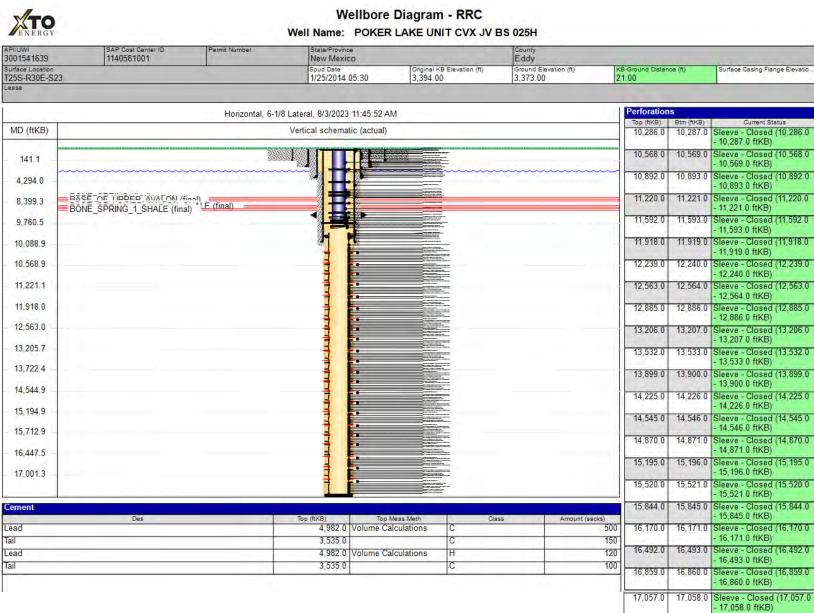
- Producers
  - Accounting method remains unchanged
  - Royalty owners will receive payment based on produced gas upstream of gas injection using normal production allocation method
- Temporary Gas Re-Injectors
  - Temporary gas injection during short-term duration, during which the well is not producing
  - After gas re-injection stops, we are keeping owners whole and not paying double royalties
  - Utilizing mass balance to track gas in and gas out
  - Once total volume of gas injected is recovered, we will know additional gas is native reservoir gas production

# **CLGC Proposed Execution Timeline**



Received by OCD: 6/12/2024/3530127PM

# 1. PLU CVX JV BS 025H

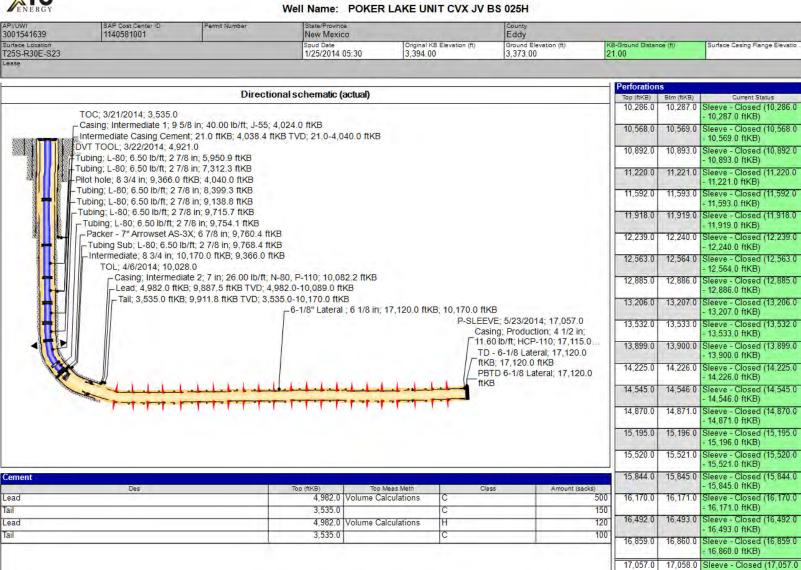


Received by OCD: 6/12/2024/3530127PM

#### 1. PLU CVX JV BS 025H



# Directional Wellbore Diagram - RRC



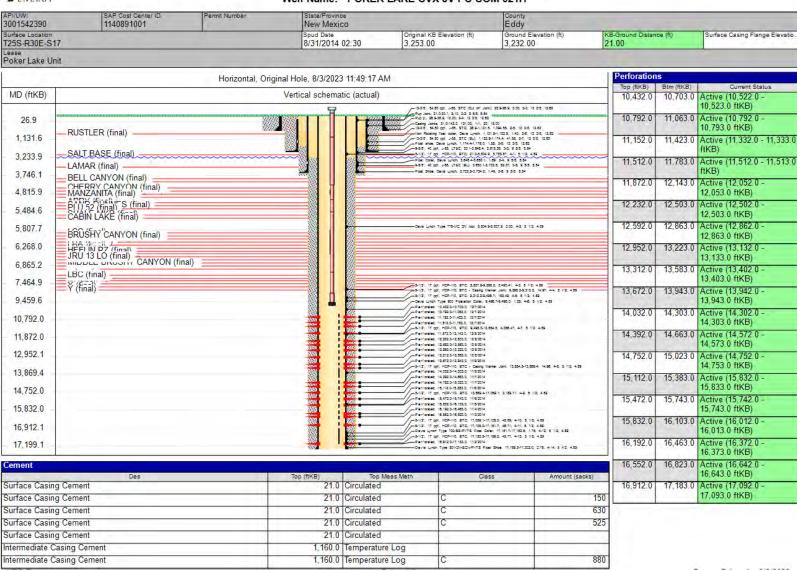
17,058.0 ftKB)

PRO Page 26 of 278

#### 2. PLU CVX JV PC 021H



# Wellbore Diagram - RRC Well Name: POKER LAKE CVX JV PC COM 021H



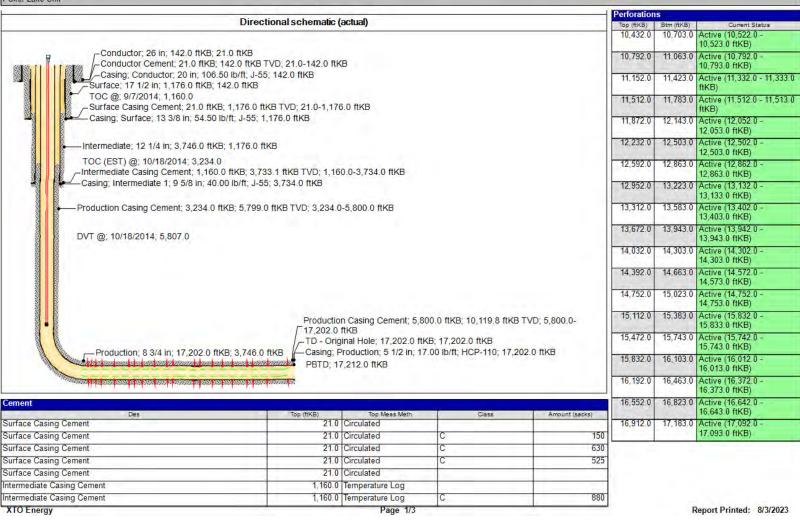
Received by OCD: 6/12/2024/3530127PM

#### 2. PLU CVX JV PC 021H



# Directional Wellbore Diagram - RRC Well Name: POKER LAKE CVX JV PC COM 021H

3001542390	SAP Cost Center ID 1140891001	Permit Number	State/Province New Mexico		County Eddy		
Surface Location T25S-R30E-S17		Spud Date 8/31/2014 02:30	Original KB Elevation (ft) 3,253.00	Ground Elevation (ft) 3,232.00	KB-Ground Distance (ft) 21.00	Surface Casing Flange Elevatio	
Lesse Poker Lake Unit							

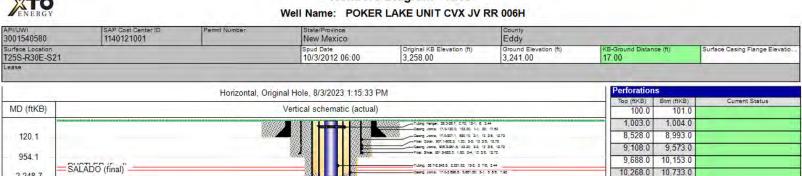


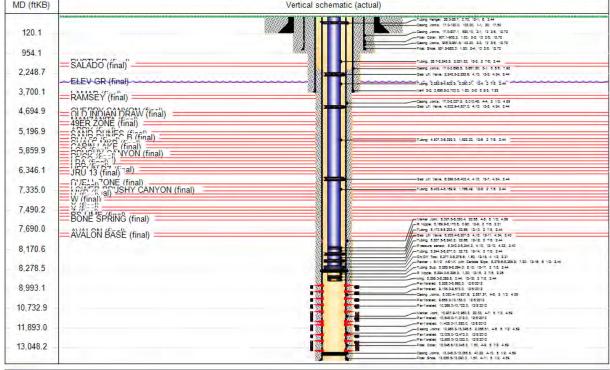
Received by OCD: 6/12/2024/3530127PPM

## 3. PLU CVX JV RR 006H



# Wellbore Diagram - RRC





Cement								
Des	Top (ftKB)	Top Meas Meth	Class	Amount (sacks)				
Conductor Cement	17.0	Volume Calculations	С	27				
Surface Casing Cement	17.0	Circulated	C	27				
Surface Casing Cement	17.0	Circulated	С	5				
Intermediate Casing Cement	3,125.0	Volume Calculations	Poz 50/50	7				
Production Casing Cement	2,100.0	Cement Bond (CBL)	H	600				
Production Casing Cement	2,100.0	Cement Bond (CBL)						
Production Casing Cement	2,100.0	Cement Bond (CBL)	H	1,300				
YTO Energy		Dago 1/1						

XTO Energy Page 1/1 Report Printed: 8/3/2023

10,848.0

11,428.0

12,008.0

12,588.0 13,053.0

11,313.0

11,893.0

12,473.0

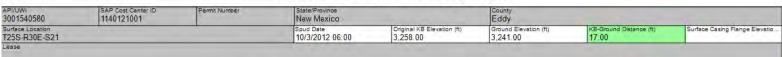
PRC Page 28 of 278

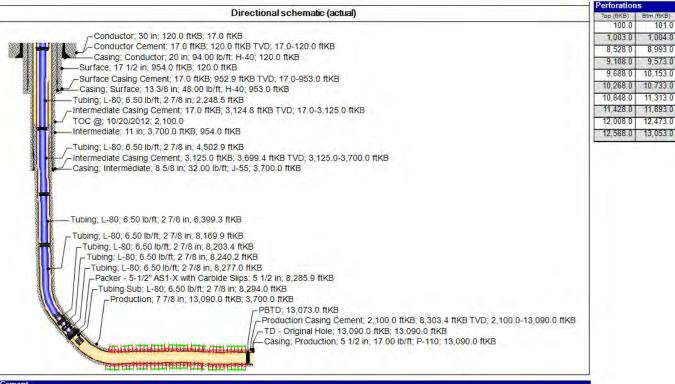
Received by OCD: 6/12/2024/3530127PM

## 3. PLU CVX JV RR 006H



# Directional Wellbore Diagram - RRC Well Name: POKER LAKE UNIT CVX JV RR 006H

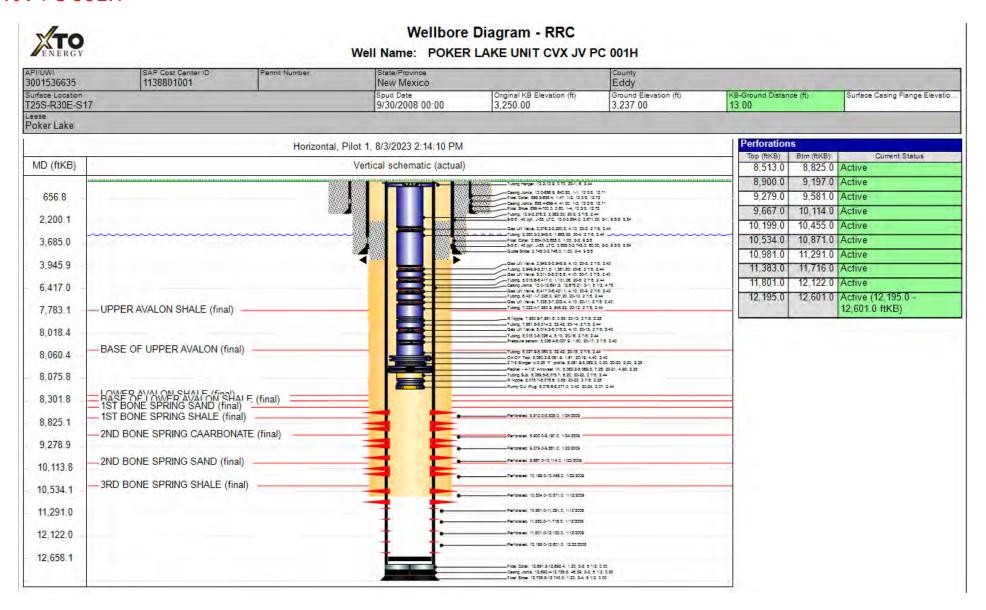




Cement				
Des	Top (ftKB)	Top Meas Meth	Class	Amount (sacks)
Conductor Cement	17.0	Volume Calculations	C	27
Surface Casing Cement	17.0	Circulated	С	27
Surface Casing Cement	17.0	Circulated	С	5
Intermediate Casing Cement	3,125.0	Volume Calculations	Poz 50/50	7
Production Casing Cement	2,100.0	Cement Bond (CBL)	H	600
Production Casing Cement	2,100.0	Cement Bond (CBL)		
Production Casing Cement	2,100.0	Cement Bond (CBL)	H	1,300
XTO Energy		Page 1/1	-	

Report Printed: 8/3/2023

## 4. PLU CVX JV PC 001H

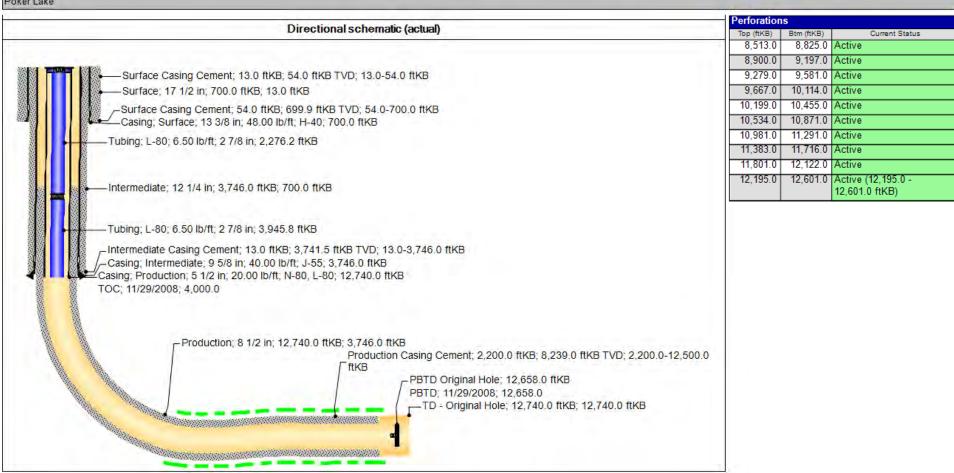


### 4. PLU CVX JV PC 001H



# Directional Wellbore Diagram - RRC Well Name: POKER LAKE UNIT CVX JV PC 001H

3001536635	SAP Cost Center ID 1138801001	Permit Number	State/Province New Mexico		County Eddy		
Surface Location T25S-R30E-S17		Spud Date 9/30/2008 00:00	Original KB Elevation (ft) 3,250.00	Ground Elevation (ft) 3,237.00	KB-Ground Distance (ft) 13.00	Surface Casing Flange Elevatio	
Lesse Poker Lake				77777			

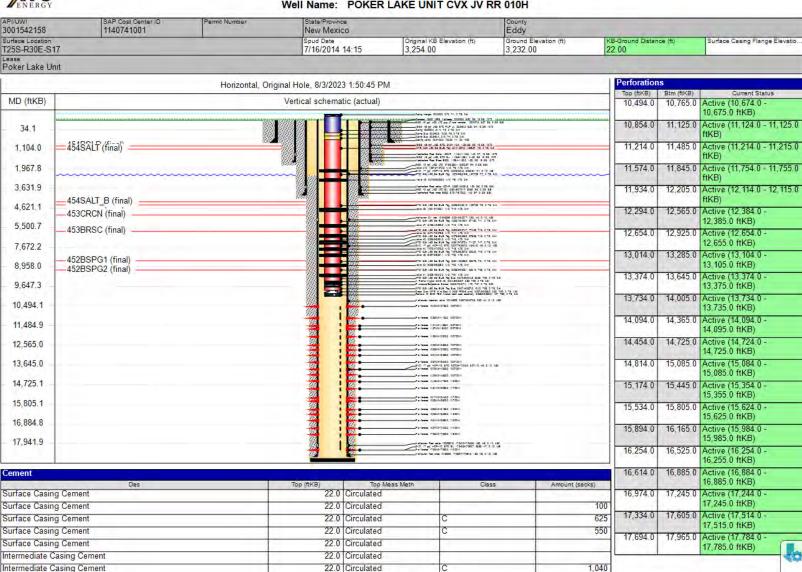


Received by OCD: 6/12/2024/3530127PM

## 5. PLU CVX JV RR 010H



# Wellbore Diagram - RRC Well Name: POKER LAKE UNIT CVX JV RR 010H



Danart Drintade 9/3/2023

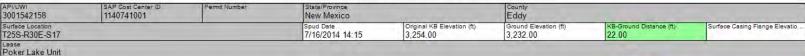
PRC Page 32 of 278

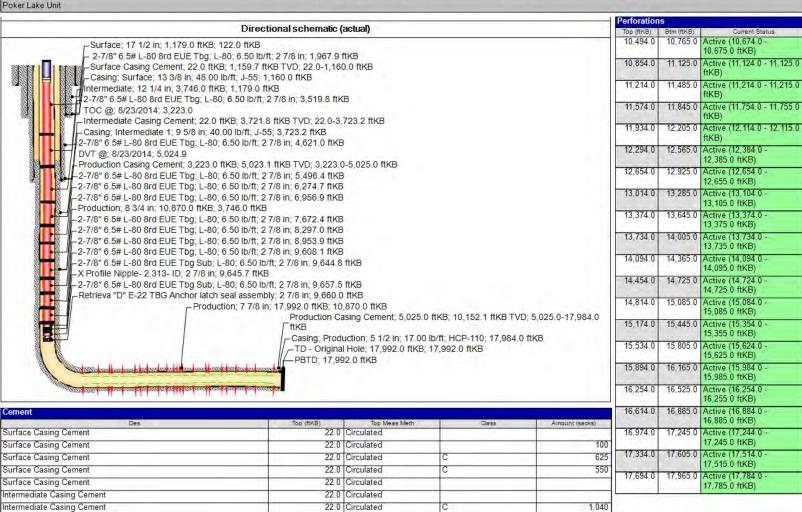
Received by OCD: 6/12/2024/3530127PM

### 5. PLU CVX JV RR 010H



# Directional Wellbore Diagram - RRC Well Name: POKER LAKE UNIT CVX JV RR 010H





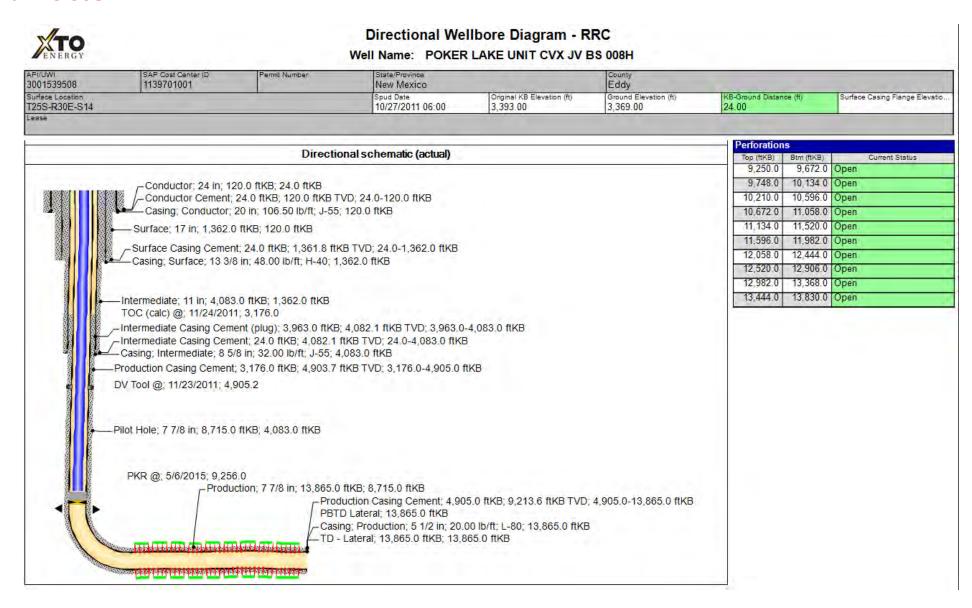
# 6. PLU CVX JV BS 008H



# Wellbore Diagram - RRC Well Name: POKER LAKE UNIT CVX JV BS 008H

PI/UWI 001539508	SAP Cost Center ID 1139701001	Permit Number	Permit Number   State/Province   County   New Mexico   Eddy				
urface Location 25S-R30E-S14		Spud Date 10/27/2011 06:00	Original KB Elevation (ft) 3.393.00	Ground Elevation (ft) 3,369.00	KB-Ground Distance (ft) 24.00	Surface Casing Flange Elevation	
ease				1,1,1,1,1,1			
		Horizontal, I	Lateral, 8/3/2023 2:12:15 PM			Perforations Top (ftKB)   Btm (ftKB)	
MD (ftKB)	Vertical schematic (actual)						Open Current Status
35.8 120.1 1,316.3 3,175.9 3,998.0 4,086.9 4,908.1 5,895.0 7,330.1 7,550.9	CHERRY CANYON (final) ARRY (final) SHALF MKR (final) T1 (final) T2 (final) T3 (final) T3 (final) LOWER U (final)			Casing Joints; 35.6-1, Float Collar; 1,314.8-1 Casing Joints; 1,316.3 Float Shoe; 1,360.5-1, Casing Joints; 35.8-3, Casing Joints; 3,8-8-4, Float Collar; 3,997.0-3 Casing Joints; 3,993.1	0; 3-2; 8 5/8; 7.92 0; 4-1; 5 1/2; 4.78 0; 1-1; 20; 19.00 0.0; 80.00; 1-2; 20; 19.00 10; 80.00; 1-2; 20; 19.00 10; 81.279.24; 2-3; 13 3/8; 12.71 -1,360.5; 44.20; 2-5; 13 3/8; 12.71 -1,360.5; 44.20; 2-5; 13 3/8; 12.71 182.0; 1.50; 2-6; 13 3/8; 12.71 197.0; 3,961.16; 3-3; 8 5/8; 7.92 105.2; 4,868.46; 4-2; 5 1/2; 4.78 998.1; 1.20; 3-4; 8 5/8; 7.92 -4,081.7; 83.55; 3-5; 8.5/8; 7.92 183.0; 1.30; 3-6; 8.5/8; 7.92	9,748.0 10,134.0 10,210.0 10,596.0 10,672.0 11,058.0 11,134.0 11,520.0 11,596.0 11,982.0 12,058.0 12,444.0 12,520.0 12,906.0 12,982.0 13,368.0 13,444.0 13,830.0	Open Open Open Open Open Open Open Open
8,649.9 8,820.9 9,255.9 9,748.0 10,596.1 11,133.9 11,982.0 12,520.0 13,368.1 13,776.2	BONE SPRING 1 SAND (final) BONE SPRING 1 SHALE (final)			Perforated; 9,748.0-10 Perforated; 10,210.0-11 Perforated; 10,672.0-11 Perforated; 11,134.0-11 Perforated; 11,596.0-11 Perforated; 12,058.0-11 Perforated; 12,520.0-11 Perforated; 12,982.0-11 Perforated; 13,444.0-11 Perforated; 13,744.0-11	0,596.0; 1/12/2012 0,058.0; 1/11/2012 ,520.0; 1/11/2012 ,982.0; 1/11/2012 2,444.0; 1/10/2012 2,906.0; 1/9/2012 3,368.0; 1/9/2012		

### 6. PLU CVX JV BS 008H

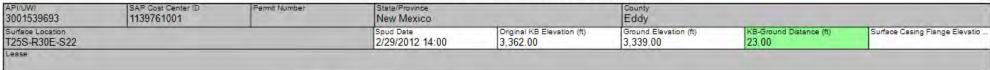


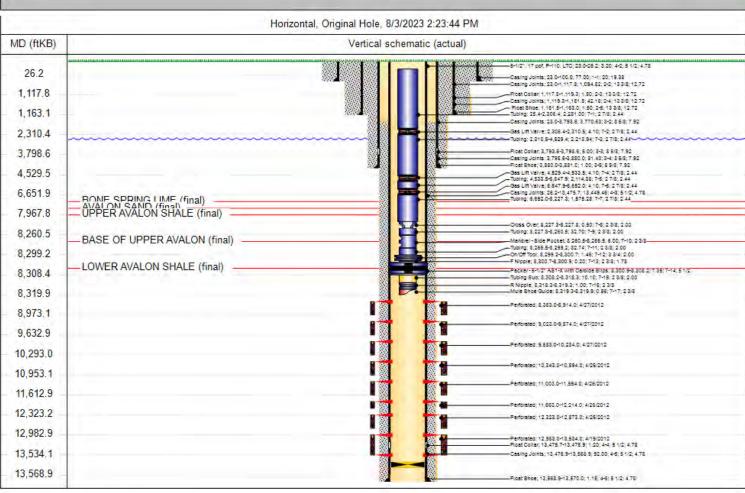
## 7. PLU CVX JV BS 011H



# Wellbore Diagram - RRC

Well Name: POKER LAKE CVX JV BS 011H



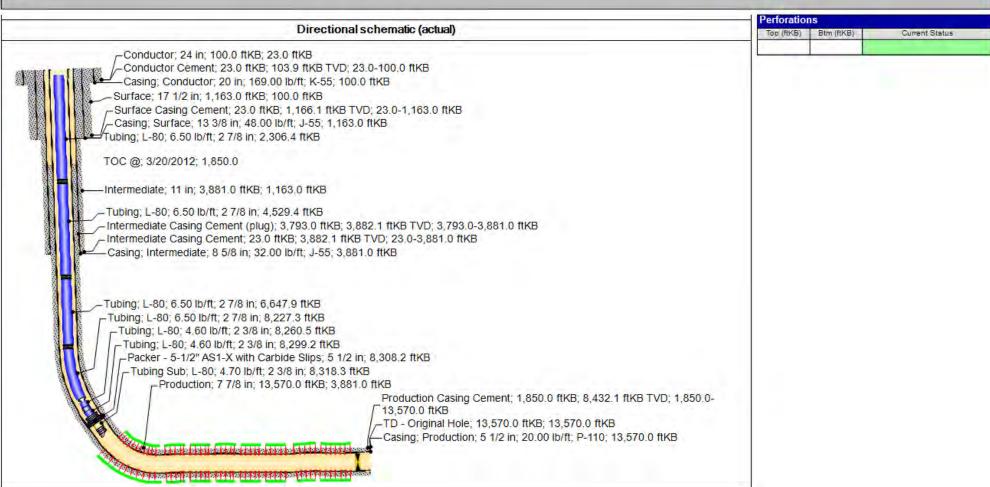


#### 7. PLU CVX JV BS 011H



### Directional Wellbore Diagram - RRC Well Name: POKER LAKE CVX JV BS 011H

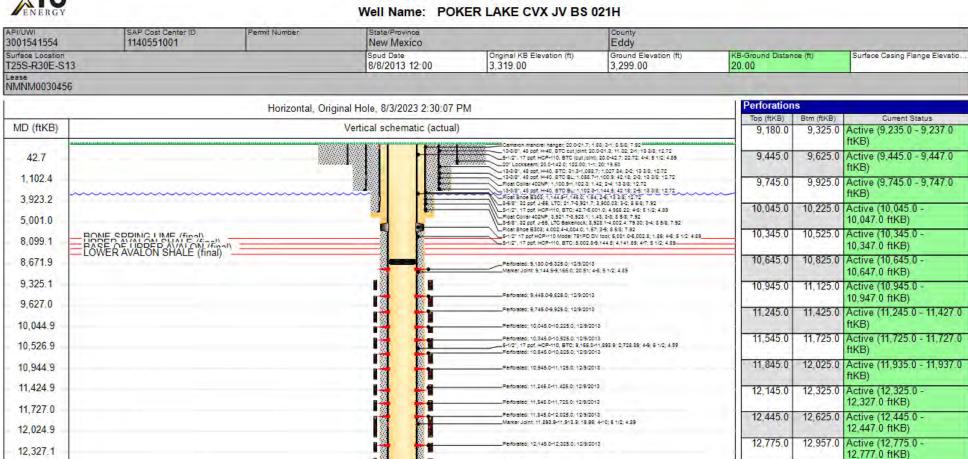
3001539693	SAP Cost Center ID 1139761001	Permit Number	State/Province New Mexico		County Eddy			
Surface Location T25S-R30E-S22			Spud Date 2/29/2012 14:00	Original KB Elevation (ft) 3,362,00	Ground Elevation (ft) 3,339.00	KB-Ground Distance (ft) 23.00	Surface Casing Flange Elevatio	
Lease				7	1			



#### 8. PLU CVX JV BS 021H



### Wellbore Diagram - RRC Well Name: POKER LAKE CVX JV BS 021H



Perforated; 12,445.0-12,625.0; 12/9/2013

Perforated; 12,775.0-12,957.0; 12/9/2013

\_Perforated: 13.045.0-13.225.0: 12/9/2013

Perforated; 13,345.0-13,525.0; 12/9/2013

\_Perforated; 13,645.0-13,825.0; 12/9/2013

...Perforated; 13,945.0-14,125.0; 12/9/2013

\_5-1/2", 17 ppt, HCP-110, BTC; 11,913.9-14,053.2; 2 139.36; 4-11; 5 1/2; 4.89

\_5-1/2" 17 ppf HCP-110 Model 402 FC; 14,053.2-14,055.2; 2.00; 4-12; 5.1/2; 4,89

.5-1/2" 17 ppf HCP-110 Model 303 F8; 14,147.5-14,149.0; 1.45; 4-14; 5.1/2; 4.85

\_\_5-1/2", 17 ppf; HCP-110, BTC; 14,055.2-14,147.8; 92.34; 4-13; 5 1/2; 4.89

12,745.1

13,225.1

13,825.1

14,125.0

13,225.0 Active (13,045.0 -

13,525.0 Active (13,345.0 -

13,825.0 Active (13,825.0 -

14,125.0 Active (13,855.0 -

13.047.0 ftKB)

13.347.0 ftKB)

13,827.0 ftKB)

13,856.0 ftKB)

13.045.0

13,345.0

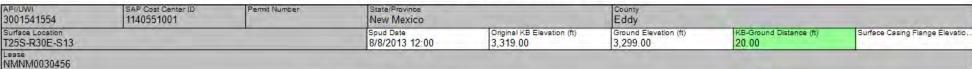
13,645.0

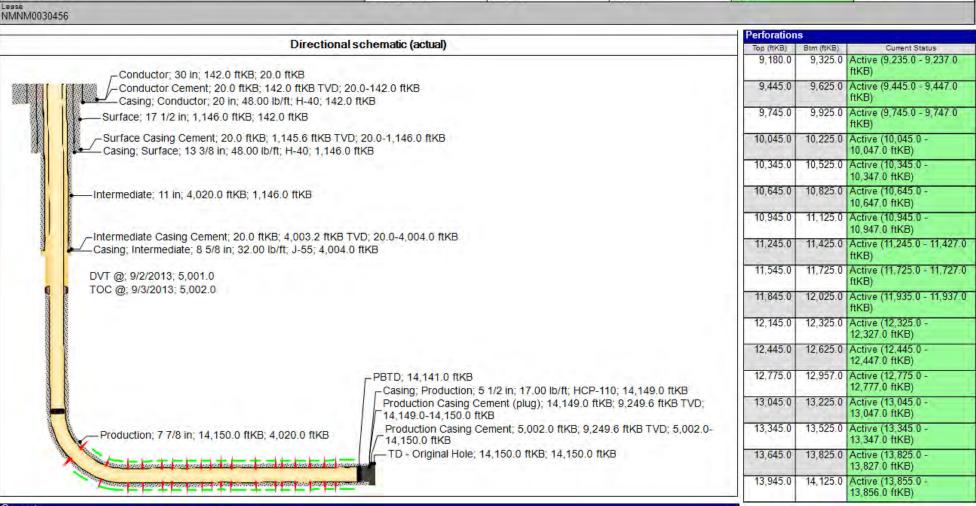
13,945.0

### 8. PLU CVX JV BS 021H



### Directional Wellbore Diagram - RRC Well Name: POKER LAKE CVX JV BS 021H





### 9. PLU CVX JV BS 022H

Perforations								
Date	Int#	Туре	Entered Shot Total	Shot Dens (shots/ft)	Top (ftKB)	Btm (ftKB)	Cur Stat Date	Current Status
12/9/2013		Perforated	24	6.0	9,358.0	9,629.0	12/15/2013	Active (9,448.0 - 9,449.0 ftKB)
12/9/2013		Perforated	24	6.0	9,748.0	10,019.0	12/9/2013	Active (9,748.0 - 9,749.0 ftKB)
12/9/2013		Perforated	24	6.0	10,138.0	10,409.0	12/9/2013	Active (10,138.0 - 10,139.0 ftKB)
12/9/2013		Perforated	24	6.0	10,528.0	10,799.0	12/14/2013	Active (10,618.0 - 10,619.0 ftKB)
12/9/2013		Perforated	24	6.0	10,918.0	11,189.0	12/14/2013	Active (11,098.0 - 11,099.0 ftKB)
12/9/2013		Perforated	24	6.0	11,308.0	11,579.0	12/14/2013	Active (11,398.0 - 11,399.0 ftKB)
12/9/2013		Perforated	24	6.0	11,698.0	11,969.0	12/12/2013	Active (11,968.0 - 11,969.0 ftKB)
12/9/2013		Perforated	24	6.0	12,088.0	12,359.0	12/12/2013	Active (12,358.0 - 12,359.0 ftKB)
12/11/2013		Perforated	24	6.0	12,478.0	12,749.0	12/9/2013	Active (12,478.0 - 12,479.0 ftKB)
12/11/2013		Perforated	24	6.0	12,868.0	13,139.0	12/9/2013	Active (12,868.0 - 12,869.0 ftKB)
12/11/2013		Perforated	24	6.0	13,258.0	13,529.0	12/9/2013	Active (13,258.0 - 13,259.0 ftKB)
12/11/2013		Perforated	24	6.0	13,648.0	13,919.0	12/10/2013	Active (13,648.0 - 13,649.0 ftKB)
12/7/2013		Perforated	24	6.0	14,038.0	14,309.0	12/7/2013	Active (14,038.0 - 14,039.0 ftKB)



### 9. PLU CVX JV BS 022H

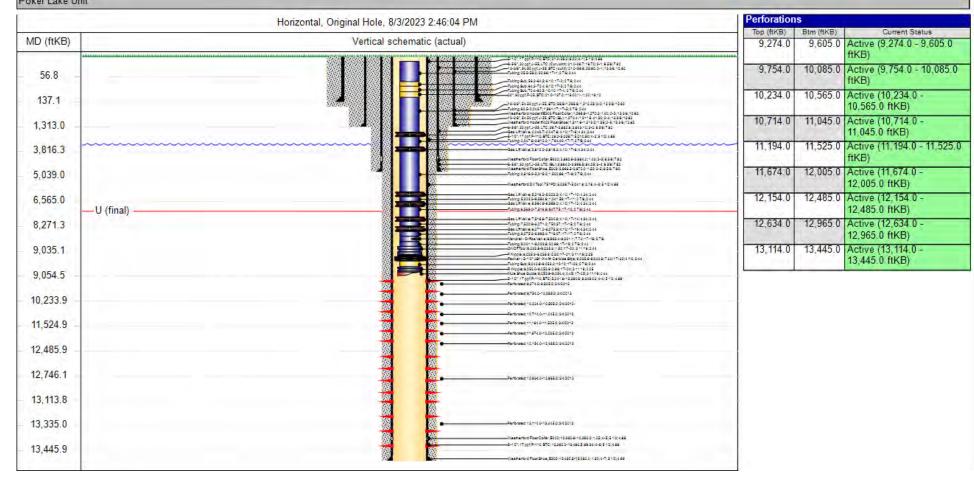
MD (ftKB)	TVD (ftKB)	Incl (°)	Directional schematic (actual)
-500	-500	0.0	
0	0	0.0	
500	500	0.3	Conductor, 20 in; 22.0 ftKB; 142.0 ftKB
1,000	1,000	0.3	Conductor; 20 in; 142.0 ftKB
1,500	1,500	1.6	
2,000	2,000	1.7	Surface: 13 3/8 in: 1.170.0 ftKB
2,500	2,500	0.8	
3,000	3,000	0.5	TOC @; 1,800.0; 11/13/2013
3,500	3,499	1.9	Intermediate; 11 in; 1,170.0 ftKB; 4,030.0 ftKB
4,000	3,999	1.6	
4,500	4,499	0.7	
5,000	4,999	0.8	Intermediate; 8 5/8 in; 4,008.0 ftKB
5,500	5,499	0.7	Tight Spot; 4,428.0-4,430.0 ftKB; 3/5/2015
6,000	5,999	0.7	DVT @; 5,040.0; 11/12/2013
6,500	6,496	5.3	Production; 7 7/8 in; 4,030.0 ftKB; 6,170.0 ftKB
7,000	6,995	0.5	
7,500	7,495	0.9	✓ Sidetrack - Sidetrack #1; 6,170.0 ftKB; 6,170.0 ftKB
8,000	7,995	0.9	
8,500	8,495	1.0	Production; 7 7/8 in; 6,170.0 ftKB; 9,976.0 ftKB
9,000	8,971	33.7	Seat Nipple; 2 7/8 in; 8,256.6 ftKB
9,500	9,243	83.1	ESP Pump; 4 in; 8,303.4 ftKB  ESP Pump; 4 in; 8,326.9 ftKB
10,000	9,247	85.8	ESP Pump; 4 in; 8,339.9 ftKB
10,500	9,275	88.7	ESP Pump; 4 in; 8,349.9 ftKB ESP Pump; 4 in; 8,359.9 ftKB
11,000	9,260	93.0	ESP Motor, 4 1/2 in; 8,382.5 ftKB
11,500	9,237	91.1	WFT Blackcat Packer; 8,508.5-8,514.0 ftKB; 3/5/2015
12,000	9,236	91.0	Sidetrack - Sidetrack #2; 9,976.0 ftKB; 9,976.0 ftKB —Production; 7 7/8 in; 9,976.0 ftKB; 14,363.0 ftKB
12,500	9,230	91.0	Production; 5 1/2 in; 14,333.0 ftKB
13,000	9,235	87.3	TD - Sidetrack #2; 14,363.0 ftKB; 14,363.0 ftKB
13,500	9,240	91.9	7 5 15 State and 172, 14,500.0 Table
14,000	9,239	89.9	
14.500	9.242	89.8	

### 10. PLU CVX JV PB 005H



### Wellbore Diagram - RRC Well Name: POKER LAKE CVX JV PB 005H

3001540763	SAP Cost Center ID 1140241001	Permit Number	State/Province New Mexico		County Eddy		
Surface Losation T25S-R30E-S22		Spud Date 12/1/2012 01:15	Original KB Elevation (ft) 3,352.00	Ground Elevation (ft) 3,331.00	KB-Ground Distance (ft) 21.00	Surface Casing Flange Elevatio	
Lease Dokor Loko Unit							

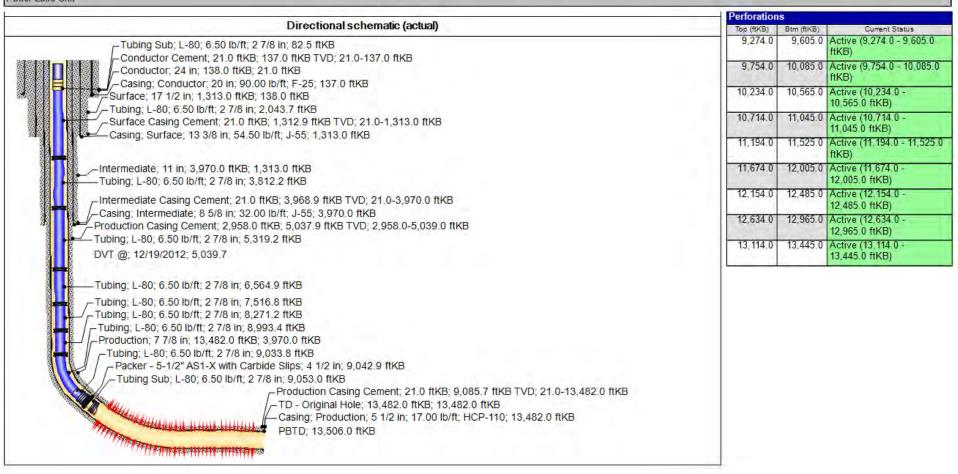


#### 10. PLU CVX JV PB 005H



### Directional Wellbore Diagram - RRC Well Name: POKER LAKE CVX JV PB 005H

3001540763	SAP Cost Center ID 1140241001	Permit Number	State/Province New Mexico		County Eddy			
Surface Location T25S-R30E-S22			Spud Date 12/1/2012 01:15	Original KB Elevation (ft) 3,352.00	Ground Elevation (ft) 3,331.00	KB-Ground Distance (ft) 21.00	Surface Casing Flange Elevatio.	
Lesse Poker I ake Unit					1.4			





December 2023

# Subsurface Aspects of Closed Loop Gas Capture

### Energy lives here

Garrett Cross (Ops)

Ali Gschwing (Facilities)

Owen Hehmeyer (Coordinator / Reservoir)

Jay Krishnamurthy (Fracture Modeling – Avalon)

Carlos Lopez (Geoscience)

Nandini Rajput (Fracture Modeling – Bonespring)

Michael Tschauner (Artificial Lift)

Hongda Zhang (Reservoir Modeling)

Released to Imaging: 6/13/2024 8:21038 AM

**EXHIBIT** 

B

## Basic Mapping

Basic maps to understand well location within the subsurface

#### **LEGEND**

HWH

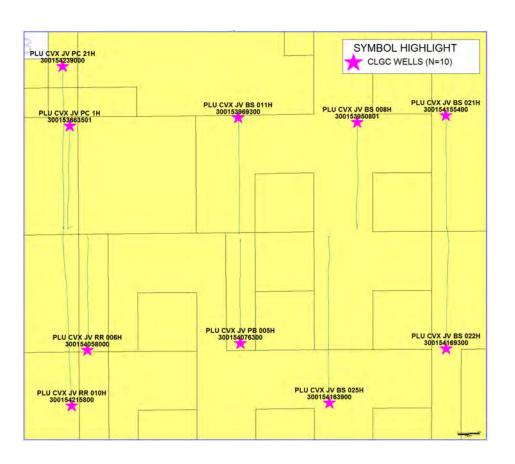
- Pink stars denote BHL of CLGC project well
- Wells annotated w/ name and API

Wall Lahal

- Yellow coloring denotes XTO Energy, Inc. controlled lease
- Wells within the area that are NOT part of the project are not shown

OWI	well Label	X10 Interval
30015405800000	POKER LAKE UNIT CVX JV RR 010H POKER LAKE CVX JV RR 006H	BONESPRING 3 SHALE
30015416390000	POKER LAKE CVX JV PB 005H POKER LAKE CVX JV BS 025H POKER LAKE CVX JV BS 022H	BONESPRING 2 SHALE BONESPRING 2 SAND BONESPRING 2 SHALE
30015366350100 30015396930000 30015395080100	West to East POKER LAKE CVX JV PC COM 021H POKER LAKE UNIT CVX JV PC 1H POKER LAKE CVX JV BS 011H POKER LAKE CVX JV BS 008H POKER LAKE CVX JV BS 021H	BONESPRING 3 SHALE AVALON AVALON BONESPRING 2 SHALE BONESPRING 2 SHALE

**YTO Interval** 

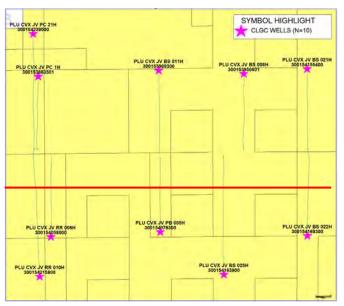


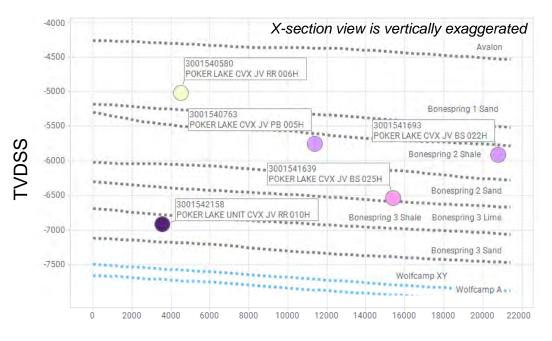
#### **LEGEND**

- XTO Energy, Inc. interpreted intervals are shown, right
- · Average well landing is shown, and well coloring denotes the landing
- Annotated with well API and name
- · Wells within the area that are NOT part of the project are not shown

# Well Landing AVALON BONESPRING 2 SAND BONESPRING 2 SHALE BONESPRING 3 SHALE

#### **Approx. Line of Cross Section (red)**

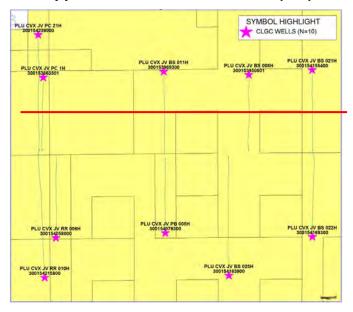




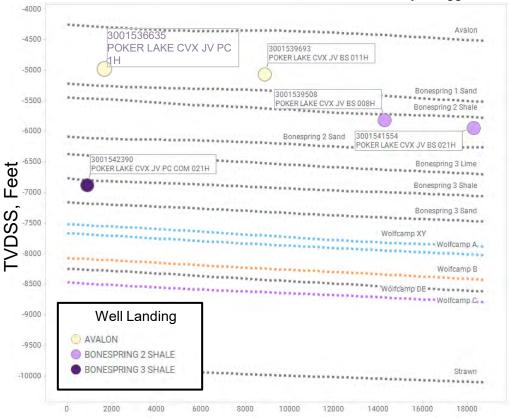
Relative Distance, Feet

- XTO Energy, Inc. interpreted interval tops are shown, right
- · Average well landing is shown, and well coloring denotes the landing
- Annotated with well API and name
- Wells within the area that are NOT part of the project are not shown
- The PLU CVX JV PC 1H (API 300153663501) is shown in only approximate location (within the Avalon) within the cross section view because its survey did not exist in the GIS system used to create the cross section

#### **Approx. Line of Cross Section (red)**

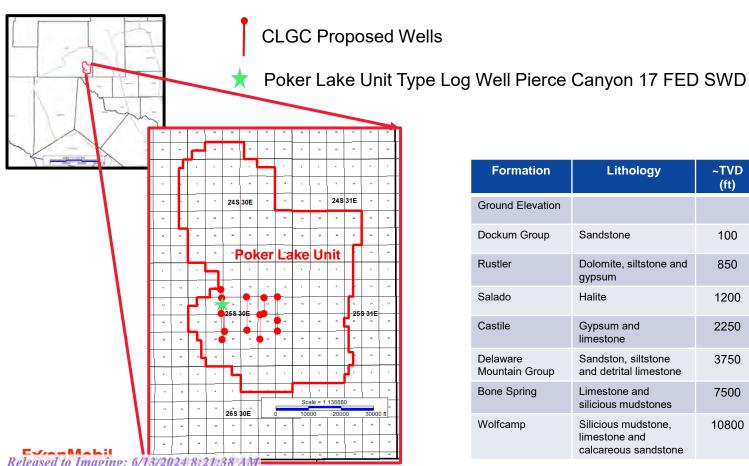


#### X-section view is vertically exaggerated



# Geology

### Received by OCD: 6/12/2024/3530:27/PM Regional Location Map and Generalized Stratigraphy Page 50 of 278



Formation	Lithology	~TVD (ft)	~TVD SS (ft)	~Thickness (ft)
Ground Elevation			3.200	
Dockum Group	Sandstone	100	3100	750
Rustler	Dolomite, siltstone and gypsum	850	2350	350
Salado	Halite	1200	2000	1050
Castile	Gypsum and limestone	2250	950	1500
Delaware Mountain Group	Sandston, siltstone and detrital limestone	3750	-500	3800
Bone Spring	Limestone and silicious mudstones	7500	-4250	3300
Wolfcamp	Silicious mudstone, limestone and calcareous sandstone	10800	-7500	1.300

### Received by OCD: 6/12/2024/3:30:27PM rage Zones and Permeability Barriers



### Proposed Storage Zone

*Avalon Lower.* Interbedded siliceous mudstones, siltstone and calcareous mudstones. The Avalon Upper and Lower unconventional reservoirs permeabilities are in the Nano-Darcy range.

#### Confining Layers

Bone Spring Lime (BSPGLM): ~120ft limestone with minor interbedded mudstones in between the Delaware Mountain Group conventional reservoir and the Avalon unconventional reservoir

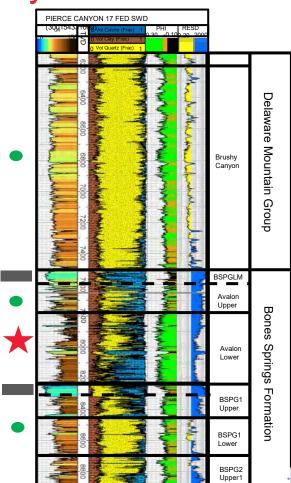
Bone Spring 1 Upper (BSPG1 Upper): ~50ft tight carbonate mudstones and interbedded siltstone.

#### Adjacent Oil Zones

Brushy Canyon: fine to very fine grain sandstone and siltstone.

Avalon Upper: interbedded siliceous mudstones, siltstones and calcareous mudstones.

Avalon Lower: calcareous mudstones interbedded with siltstone.



### Received by OCD: 6/12/2024/3530:27/PM Type Log, Storage Zones and Permeability Barriers



### Proposed Storage Zone

Bone Spring 2 Upper 1 (BSPG1 Upper): siliceous mudstone, siltstone and calcareous mudstone. Permeabilities for this unconventional reservoir are I the Nano-Darcy range.

Bone Spring 2 Lower (BSPG2 Lower): siliceous mudstone and silt with calcareous mudstone interbeds. Permeabilities for this unconventional reservoir are I the Nano-Darcy range.

#### Confining Layers

Bone Spring 1 Upper: ~150 ft of calcareous mudrocks capped by a ~ 50 tight carbonate mudstones.

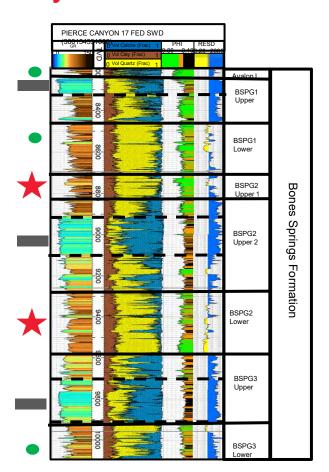
Bone Spring 2 Upper 2 Lime: ~120 ft carbonate.

Bone Spring 3 Upper Lime: ~300 ft carbonate.

#### Adjacent Oil Zones

Bone Spring 1 Lower (BSPG1 Lower): fine to very fine grain sandstone and siltstone.

Bone Spring 3 Lower: siltstones, siliceous and calcareous mudrocks



### Received by OCD: 6/12/20024/35300:27/PM | Storage Zones and Permeability Barriers



### Proposed Storage Zone

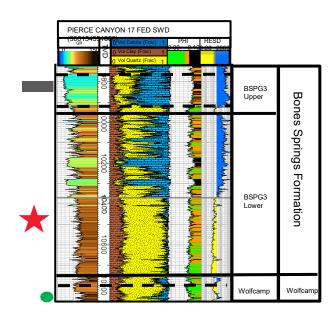
*BSPG3 Lower (BSPG3 Lower)*: siliceous mudrocks and siltstones towards the lower half and calcareous mudstones and carbonates towards the upper half. This is an unconventional reservoir with permeabilities in the Nano-Darcy range.

#### Confining Layers

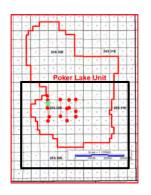
Bone Spring 3 Upper (BSPG3 Upper): ~150 ft carbonate.

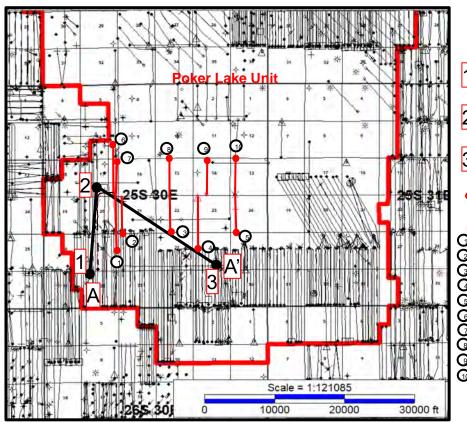
#### Adjacent Oil Zones

Wolfcamp: siltstones, very fine grained sandstones and siliceous mudstones



### Proposed CLGC Area Index Map Well Log Correlation Section





#### **Well Section**

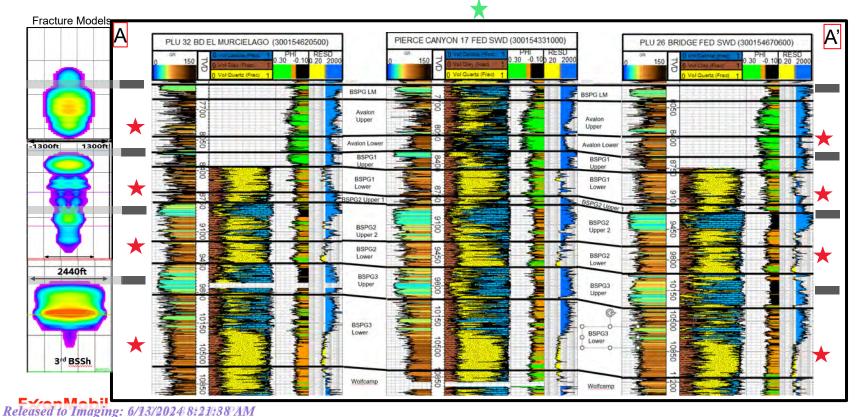
- PLU 32 BD EL MURCIELAGO (300154620500)
  - PIERCE CANYON 17 FED SWD (300154331000)
  - PLU 26 BRIDGE FED SWD (300154670600)

#### **CLGC Proposed Wells**

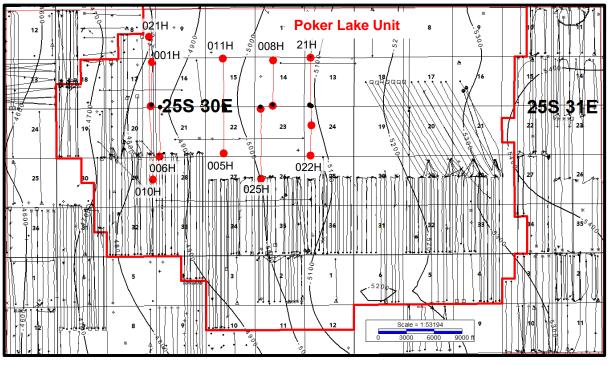
POKER LAKE UNIT CVX JV RR 010H 3001542158 POKER LAKE CVX JV RR 006H 3001540580 POKER LAKE CVX JV PB 005H 3001540763 POKER LAKE UNIT CVX JV BS 025H 3001541639 POKER LAKE CVX JV BS 022H 3001541693 POKER LAKE CVX JV PC 021H 3001542390 POKER LAKE UNIT CVX JV PC 001H 300153663501 8 POKER LAKE CVX JV BS 011H 3001539693 POKER LAKE CVX JV BS 008H 300153950801 10 POKER LAKE UNIT CVX JV BS 21H 300154155400

### Proposed CLGC Area Log Correlation Section

The proposed CLGC intervals and adjacent confining layers within the Bone Spring Formation have consistent thickness.

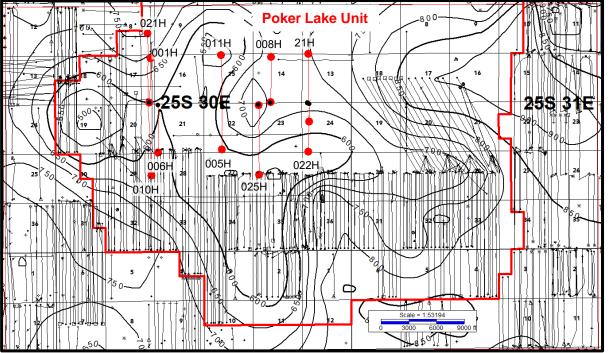


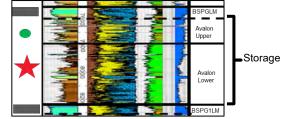
### Avalon Lower Structure Map (TVDSS)



CI: 100'

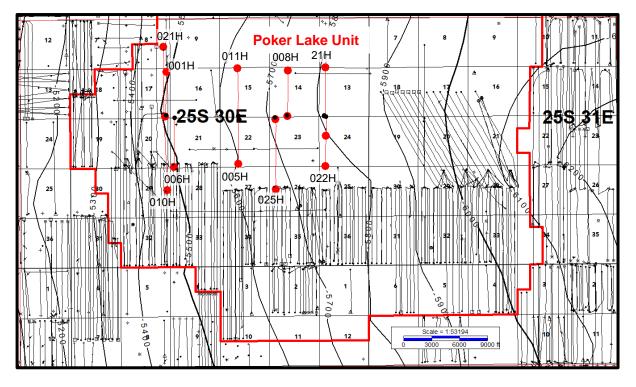
### Avalon Storage Thickness Map





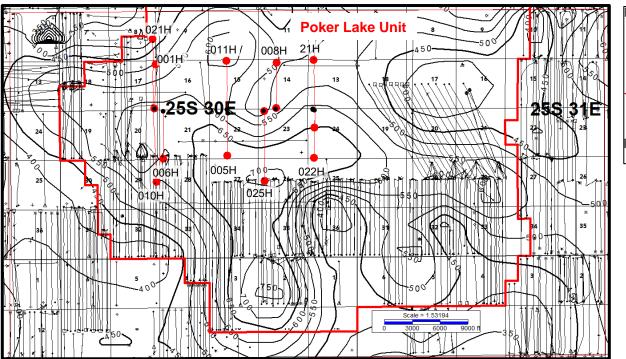
The Avalon storage interval thickness within the proposed CLGC area ranges between 500'-700'

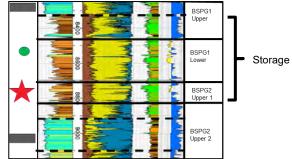
### BSPG2 Upper 1 Structure Map (TVDSS)



Consistent dip towards the East

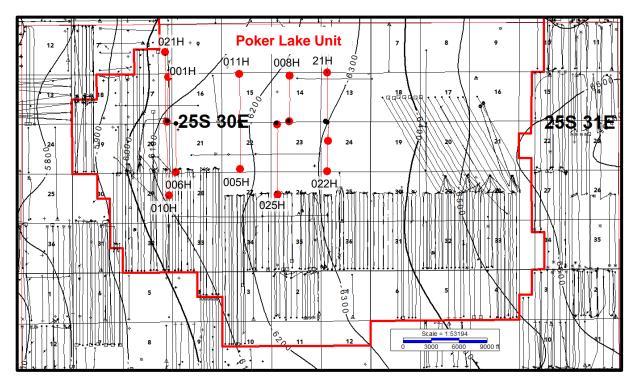
### Bones Spring 2 Upper 1 Storage Thickness Map





The Bones Spring 2 Upper 1 storage interval thickness within the proposed CLGC area ranges between 450'-700'.

### BSPG2 Lower Structure Map (TVDSS)

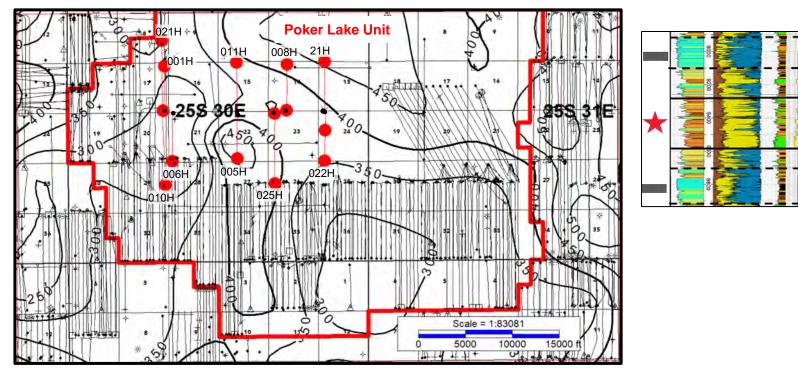


Consistent dip towards the East

Storage

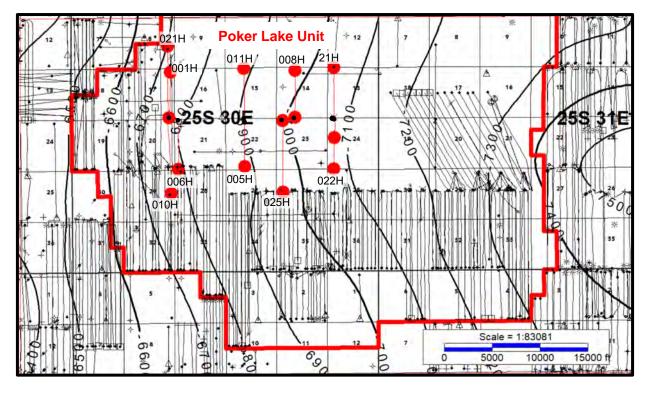
Upper 2

### BSPG2 Lower Storage Thickness Map



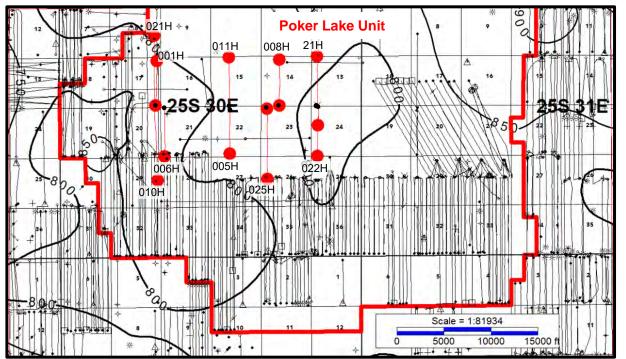
The Bones Spring 2 Lower storage interval thickness within the proposed CLGC area ranges between 300'- 450'.

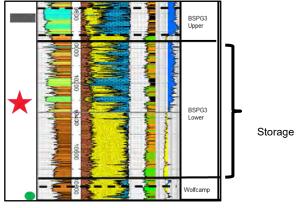
### BSPG3 Lower Structure Map (TVDSS)



Consistent dip towards the East

### BSPG3 Lower Storage Thickness Map





The Bones Spring 3 Lower storage interval thickness within the proposed CLGC area ranges between 800'- 850'.

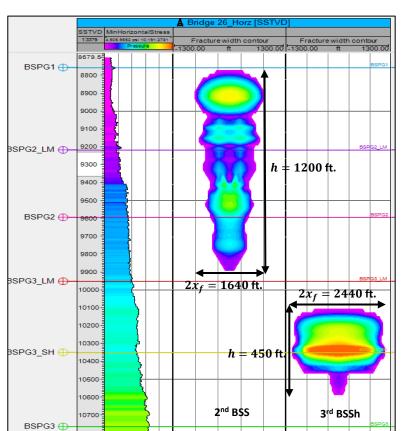
## Reservoir Modeling

### Reservoir Modeling Approach

- Estimate conductive fracture dimensions for all target reservoirs using fracture modeling
- Make reasonable assumptions about the number of fractures and the depth of penetration from the modeled fractures into the matrix to define tank size
- Apply material balance to estimate the rise in pressure due to the planned gas injection volume into the tank

### PLU Row 5 – 2nd BSS/3rd BSSh Estimates

- Stress model used to estimate the dimensions of the wetted fracture assuming a completion of 800 lbs/ft and 20 bbls/ft, approx. the completion size for these wells
- Conductive dimensions are calculated using a fracture width cutoff of 0.04 inch, which is approximately the width of three grains of 40/70 sand



### 2<sup>nd</sup> BSS

#### Wetted Dimensions:

Xf = 820ft

H = 1200ft

**Conductive Dimensions:** 

Xf = 170ft

H = 400ft

#### 3rd BSSh

#### Wetted Dimensions:

Xf = 1220ft

H = 450ft

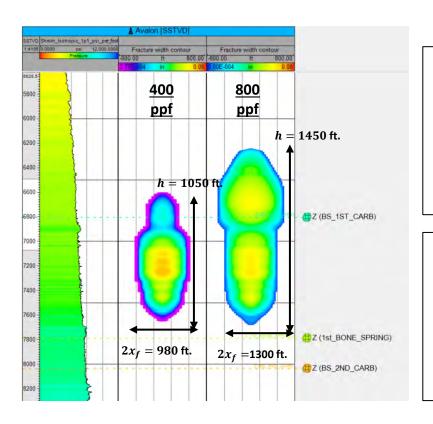
Conductive Dimensions:

Xf = 580ft

H = 300ft

### Avalon

- Two simulated pump designs
  - 400 ppf with 20 bpf
  - 800 ppf with 40 bpf
- 4 dominant fractures per stage



#### 400 ppf

#### Wetted Dimensions:

Xf = 490 ft

H = 1050 ft

**Conductive Dimensions:** 

Xf = 220 ft

H = 450ft

### 800 ppf

### Wetted Dimensions:

Xf = 650 ft

H = 1450 ft

Conductive Dimensions:

Xf = 300 ft

 $H = 500 \, ft$ 

### **Pressure Estimate**

- None of the ten wells have bottomhole gauges and all are on artificial lift, so bottomhole pressure is best estimated from occasional fluid level measurement
- Twelve measurements across six wells were reviewed the table at the right shows the last known good pump intake pressure as estimated from a fluid level measurement
- Wells that were recently or actively pumping showed pressures near 600 tom 700 psi; wells that were inefficiently pumping or not pumping at all (shut in) showed pressures near 1100 to 1900 psi
- It is expected that all wells will be worked over and pumped consistently prior to any injection, achieving pressures of about 600 to 700 psi, and instrumented with gauges so pressure may be monitored

Well	Date	Pump intake pressure
POKER LAKE CVX JV BS 021H	9/28/2015	614
POKER LAKE CVX JV BS 025H	3/23/2015	717
POKER LAKE CVX JV PC COM 021H	3/2/2022	1129
POKER LAKE CVX JV BS 008H	12/15/2017	673
POKER LAKE CVX JV BS 022H	11/16/2022	1333
POKER LAKE UNIT CVX JV PC 1H	12/13/2019	1912

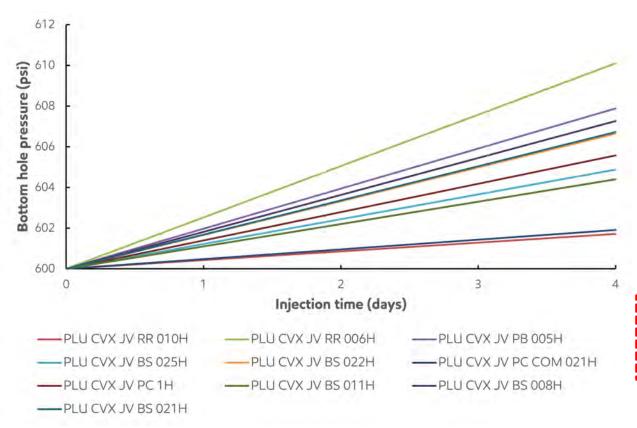
### Tank Size Estimation

- 1 For each of the ten wells, adopt the xf and h based on fracture model and completion size
- Compute area of each fracture
- **8** Estimate number of fractures
- Compute SRV using the number of fractures, an assumed depth of penetration, and an area per fracture

HYDRAULIC FRACTURE MODEL CONCEPTS								
XTO's Interval Nickname sand per foot fluid per foot xf h								
2nd Bonespring Sand	800	20	170	400				
3rd Bonespring Shale	800	20	580	300				
Avalon small completion	400	20	220	450				
Avalon his completion	800	40	200	500				

										SRV	(3)	
					4					Maximum	Number of	SRV w/ DOP
			sand per foot	t fluid per foot	U			Area		Area * LL	Fractures	Assumption 4
			of lateral	of lateral				(2*xf*h)	Lateral Length	(FT^3)	Est.	nf * Area * DOP
API	Well	XTO's Interval Nickname	(lbs)	(bbls)	xf	h	Assumption	(FT^2)	(FT)		(1 per 60 FT.)	FTv3
30015421580000	POKER LAKE UNIT CVX JV RR 010H	BONESPRING 3 SHALE	791	25	580	300	Assume 3rd Bonespring Shale Frac Model	348,000	7,471	2,599,908,000	125	174,000,000
30015405800000	POKER LAKE CVX JV RR 006H	AVALON					Proportionally Reduce Area (1/2) for even					
30013403800000	PORER LAKE CVATV KR 00011	AVALON	184	4	156	318	smaller job size from small Avalon model	99,000	4,525	447,975,000	75	29,700,000
30015407630000	POKER LAKE CVX JV PB 005H	BONESPRING 2 SHALE	Not available	Not available	170	400	Assume 2nd Bonespring Sand Frac Model	136,000	4,171	567,256,000	70	38,080,000
30015416390000	POKER LAKE CVX JV BS 025H	BONESPRING 2 SAND	438	9	170	400	Assume 2nd Bonespring Sand Frac Model	136,000	6,772	920,992,000	113	61,472,000
30015416930000	POKER LAKE CVX JV BS 022H	BONESPRING 2 SHALE	650	15	170	400	Assume 2nd Bonespring Sand Frac Model	136,000	4,951	673,336,000	83	45,152,000
30015423900000	POKER LAKE CVX JV PC COM 021H	BONESPRING 3 SHALE	840	28	580	300	Assume 3rd Bonespring Shale Frac Model	348,000	6,751	2,349,348,000	113	157,296,000
30015366350100	POKER LAKE UNIT CVX JV PC 1H	AVALON	489	22	220	450	Assume Avalon small completion	198,000	4,088	809,424,000	68	53,856,000
30015396930000	POKER LAKE CVX JV BS 011H	AVALON	466	10	220	450	Assume Avalon small completion	198,000	5,171	1,023,858,000	86	68,112,000
30045395080100	POWER LAKE CVX WAS ARRIVA AD O	SHALE	883	19	170	400	Assume 2nd Bonespring Sand Frac Model	136,000	4,580	622,880,000	76	41,344,000
30015415540000	to Imaging: 6/13/2024 8	BONESPRING 2 SHALE	605	20	170	400	Assume 2nd Bonespring Sand Frac Model	136,000	4,945	672,520,000	82	44,608,001

### **Tank Model Pressure Prediction**



### **Model Assumptions:**

- Each well modeled as a tank and tank size estimated from fracture modeling
- Tanks are isolated (no communication between wells during injection)
- Initial BHP = 600 psi
- 5 MMSCFD gas injection rate in each well for 4 days

#### Key message:

Pressure build-up less than 10 psi due to low injection volume

### Comparison of Injected Volumes to Produced Volumes

	MSCF	BBLS	BBLS
	CumulativeGas	CumulativeOil	CumulativeWater
POKER LAKE CVX JV BS 008H	140,693.6	18,378.0	205,113.9
POKER LAKE CVX JV BS 011H	177,501.8	13,022.5	72,142.8
POKER LAKE CVX JV BS 021H	310,329.6	30,377.8	336,966.5
POKER LAKE CVX JV BS 022H	223,382.5	20,064.1	249,381.2
POKER LAKE CVX JV PB 005H	143,895.2	34,289.2	188,168.5
POKER LAKE CVX JV PC 021H	297,220.2	85,280.9	141,019.8
POKER LAKE CVX JV RR 006H	219,143.1	8,747.4	51,638.8
POKER LAKE UNIT CVX JV BS 025H	136,808.5	37,883.1	191,973.9
POKER LAKE UNIT CVX JV PC 001H	495,312.3	19,172.3	132,073.9
POKER LAKE UNIT CVX JV RR 010H	565,482.6	248,570.6	606,852.8
CLGC_N=10	2,709,769.4	515,785.9	2,175,332.3

The planned maximum injection volume for the largest proposed event is 20 MMSCF (20,000 MSCF), vastly smaller than the total fluid volume to-date, suggesting the significantly depleted pore space will easily accommodate the injected gas

	Column	1	2	3	4	5
	Calculation					
API14			Current Average Surface Pressure	Current Infrastructure	Proposed Average Injection Rate (MMscfd)	Proposed Max Injection Rate (MMscfd)
30015423900000	POKER LAKE CVX JV PC COM 021H	1250	62	1250	5.0	6.0
30015421580000	POKER LAKE UNIT CVX JV RR 010H	1250	910	1250	5.0	6.0
30015366350100	POKER LAKE UNIT CVX JV PC 1H	1250	863	1250	5.0	6.0
30015405800000	POKER LAKE CVX JV RR 006H	1250	900	1250	5.0	6.0
30015396930000	POKER LAKE CVX JV BS 011H	1250	82	1250	5.0	6.0
30015407630000	POKER LAKE CVX JV PB 005H	1250	0	1250	5.0	6.0
30015416390000	POKER LAKE CVX JV BS 025H	1250	0	1250	5.0	6.0
30015395080100	POKER LAKE CVX JV BS 008H	1250	0	1250	5.0	6.0
30015415540000	POKER LAKE CVX JV BS 021H	1250	0	1250	5.0	6.0
30015416930000	POKER LAKE CVX JV BS 022H	1250	0	1250	5.0	6.0



•	Column	6		7	8		9	10	11	12	13	14	15
	Calculation						(1+6*7)/8						(1+12*13)/(12*14)
							MASP + Reservoir						MASP + Reservoir
							Brine Hydrostatic						Gas
•							as a						Hydrostatic as a
		Burst	Burst				percentage of						percentage of
1		Calculation	Calculation	Brine Pressure	Casing		Casing	Top Perforation	MASP	Top Perforation	Gas Pressure	Formation Parting	Formation Parting
		Depth	Depth	Gradient	Burst		Burst Pressure	Depth	Gradient	Depth	Gradient	Pressure Gradient	Pressure
API14	Well Name	(ft TVD)	(ft MD)	(psi/ft)	(psi)	Casing Sz/Wt/Grd	(%)	(ft TVD)	(psi/ft)	(ft TVD)	(psi/ft)	(psi/ft)	(%)
30015423900000	POKER LAKE CVX JV PC COM 021H	9625	9627	0.465	10,640	5.5" 17# HCP-110 BTC	53.8%	10,147	0.123	10,147	0.2	0.65	49.7%
30015421580000	POKER LAKE UNIT CVX JV RR 010H	9624	9627	0.465	10,640	5.5" 17# HCP-110 BTC	53.8%	10,192	0.123	10,192	0.2	0.65	49.6%
30015366350100	POKER LAKE UNIT CVX JV PC 1H	8070	8070	0.465	8,990	5.5" 20# L-80/N-80 LTC	55.6%	8,513	0.147	8,513	0.2	0.65	53.4%
30015405800000	POKER LAKE CVX JV RR 006H	8223	8286	0.465	10,640	5.5" 17# P-110 CDC	47.7%	8,280	0.151	8,280	0.2	0.65	54.0%
30015396930000	POKER LAKE CVX JV BS 011H	8285	8308	0.465	12,640	5.5" 20# P-110 LTC	40.4%	8,328	0.150	8,328	0.2	0.65	53.9%
30015407630000	POKER LAKE CVX JV PB 005H	8972	9043	0.465	10,640	5.5" 17# HCP-110 Buttress	51.0%	9,084	0.138	9,084	0.2	0.65	51.9%
30015416390000	POKER LAKE CVX JV BS 025H	9725	9760	0.465	7,240	7" 26# N-80 BTC	79.7%	9,942	0.126	9,942	0.2	0.65	50.1%
30015395080100	POKER LAKE CVX JV BS 008H	9115	9188	0.465	9,190	5.5" 20# L-80 LTC	59.7%	9,153	0.137	9,153	0.2	0.65	51.8%
30015415540000	POKER LAKE CVX JV BS 021H	8659	8661	0.465	10,640	5.5" 17# HCP-110 Buttress	49.6%	9,118	0.137	9,118	0.2	0.65	51.9%
30015416930000	POKER LAKE CVX JV BS 022H	9203	9203	0.465	10,640	5.5" 17# HCP-110 BTC	52.0%	9,202	0.136	9,202	0.2	0.65	51.7%

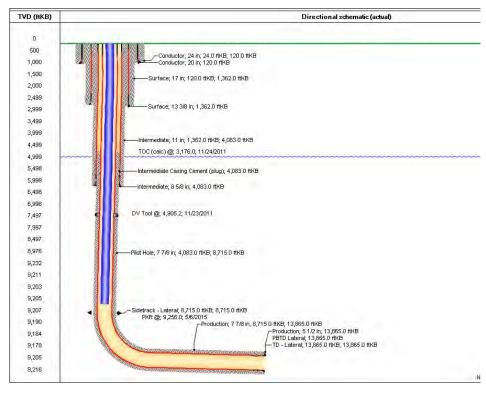
API#	Current Operator	Lease Name and Well Number	Current Production Pool	County	State	Casing	Hole Size	Casing Size	Set Depth	Sx Cement	Cement Top	Method
	·		[96403] WILDCAT, BONE SPRING; [97748] WILDCAT S253017P,			_		_			Ì	
30-015-36635	XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT CVX JV PC #001H	BONE SPRING (GAS)	Eddy	NM	Surface Casing	17.500	13.375	700	912	0	Circ
30-015-39508	XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV BS #008H	[97913] WILDCAT G-06 S253002O, BONE SPRING	Eddy	NM	Surface Casing	17.500	13.375	1362	0	0	
30-015-39693	XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV BS #011H	[96654] WILDCAT BIG SINK, BONE SPRING	Eddy	NM	Surface Casing	17.500	13.375	1163	0	30	
30-015-40580	XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV RR #006H	[13354] CORRAL CANYON, BONE SPRING, SOUTH	Eddy	NM	Surface Casing	17.500	13.375	953	1450	0	Circ
30-015-40763	XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV PB #005H	[96238] CORRAL DRAW, BONE SPRING	Eddy	NM	Surface Casing	17.500	13.375	1313	0	0	
30-015-41554	XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV BS #021H	[97913] WILDCAT G-06 S253002O, BONE SPRING	Eddy	NM	Hole 2	17.500	11.000	0	0	0	
30-015-41639	XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV BS #025H	[13354] CORRAL CANYON, BONE SPRING, SOUTH	Eddy	NM	Surface Casing	17.500	13.375	1210	1100	0	Circ
30-015-41693	XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV BS #022H	[97814] WILDCAT G-015 S263001O, BONE SPRING	Eddy	NM	Surface Casing	17.500	13.375	1170	1348	0	Circ
			[13354] CORRAL CANYON, BONE SPRING, SOUTH; [96238] CORRAL									
30-015-42158	XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT CVX JV RR #010H	DRAW, BONE SPRING	Eddy	NM						1	
30-015-42390	XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV PC COM #021H	[13354] CORRAL CANYON, BONE SPRING, SOUTH	Eddy	NM	Surface Casing	17.500	13.375	1176	1305	0	Circ

EXHIBIT **D** 

Received by OCD: 6/12/2024/3530127PM

API#	Current Operator	Lease Name and Well Number	Well Type	Status	Surf Location	Date Drilled	TD (TVDSS)	Total Depth (MD)
30-015-36635	XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT CVX JV PC #001H	Oil	Active	P-17-25S-30E	09/29/2008	8226	12740
30-015-39508	XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV BS #008H	Oil	Temporary Abandonment	N-14-25S-30E	10/26/2011	9213	13865
30-015-39693	XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV BS #011H	Oil	Active	C-22-25S-30E	02/29/2012	8449	13575
30-015-40580	XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV RR #006H	Oil	Temporary Abandonment	D-21-25S-30E	10/02/2012	8303	13090
30-015-40763	XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV PB #005H	Oil	Active	C-22-25S-30E	12/01/2012	9086	13482
30-015-41554	XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV BS #021H	Oil	Active	M-13-25S-30E	08/08/2013	9285	14150
30-015-41639	XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV BS #025H	Oil	Active	D-23-25S-30E	01/25/2014	9880	17120
30-015-41693	XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV BS #022H	Oil	Active	M-13-25S-30E	09/23/2013	9241	14363
30-015-42158	XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT CVX JV RR #010H	Oil	Active	P-17-25S-30E	07/16/2014	10152	17992
30-015-42390	XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV PC COM #021H	Oil	Active	P-17-25S-30E	08/31/2014	10120	17202

### XTO Permian Operating Poker Lake CVX JV BS 008H



DAT	Α
-----	---

<u>OPERATOR NAME:</u> XTO Permian Operating WELL NAME: Poker Lake CVX JV BS 008H

POOL CODE: 96238 POOL: Corral Draw; Bone Spring

LOCATION: 325' FNL, 1980' FWL, SECTION 22, TOWNSHIP 25S, RANGE 30E LATITUDE: 32.1222153N LONGITUDE: -103.8712082W

COUNTY/STATE: EDDY, NM DISTRICT: Artesia

API: 30-015-39508 BUISSNESS UNIT: Delaware NM

**WELL TYPE:** GAS LIFT

#### **WELL CONSTRUCTION DATA**

#### **Surface Casing**

 HOLE SIZE:
 17 1/2
 CASING SIZE:
 13 3/8

 CEMENTED WITH:
 2,162
 SX
 METHOD DETERMINED:
 N/A

TOP OF CEMENT: 24'

#### **Intermediate Casing**

HOLE SIZE: \_\_\_\_\_11\_\_\_\_ CASING SIZE: \_\_\_\_\_8 5/8

CEMENTED WITH: 1,875 SX

METHOD DETERMINED: N/A

TOP OF CEMENT: <u>24'</u>

#### **Production Casing**

HOLE SIZE: <u>7 7/8</u> CASING SIZE: <u>5 1/2</u>

CEMENTED WITH: 2,178 SX METHOD DETERMINED: N/A

TOP OF CEMENT: 3,176'

#### Injection Interval

TOP INTERVAL(MD): 9748' BTM INTERVAL(MD): 13830'

REVISED:

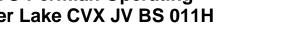
CLGC

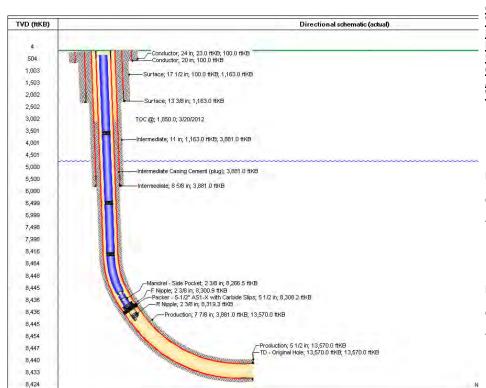
# XTO Permian Operating Poker Lake CVX JV BS 008H

Tubing size: <u>2 7/8</u>	
Type of Packer:ASIX 20-23# CARBIDE SLIPS	LINING MATERIAL:
Packer Setting Depth:9,256'	
Other Type of Tubing/Casing Seal (if applicable):	
	ADDITIONAL DATA
	NO
Is this a new well Drilled for Injection	
If No, for what purpose was the well Originally Drilled?	
2. Name of the Injection Formation:	
3. Name Of Field or Pool (if applicable):	
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e.	
<ul><li>sacks of cement or plugs used.</li><li>5. Give the name and depth of any oil or gas zones underlying or overlying to proposed injection zone in this area</li></ul>	OVERLYING: UNDERLYING:

REVISED: CLGC

### XTO Permian Operating Poker Lake CVX JV BS 011H





#### **DATA**

OPERATOR NAME: XTO Permian Operating

WELL NAME: Poker Lake CVX JV BS 011H

POOL CODE: 96654 POOL: Wild Cat Big Sink; Bone Spring LOCATION: 10' FNL, 1980' FWL, SECTION 22, TOWNSHIP 25S, RANGE 30E

**LATITUDE:** 32.123085N **LONGITUDE:** -103.8712082W

COUNTY/STATE: EDDY, NM DISTRICT: Artesia

API: 30-015-39693 BUISSNESS UNIT: Delaware NM

**WELL TYPE:** GAS LIFT

#### **WELL CONSTRUCTION DATA**

#### **Surface Casing**

HOLE SIZE: <u>17 1/2</u> CASING SIZE: <u>13 3/8</u>

CEMENTED WITH: 1,500 SX METHOD DETERMINED: N/A

TOP OF CEMENT: 23'

#### **Intermediate Casing**

HOLE SIZE: <u>11</u> CASING SIZE: <u>8 5/8</u>

CEMENTED WITH: 1,999 SX METHOD DETERMINED: N/A

TOP OF CEMENT: 23'

#### **Production Casing**

HOLE SIZE: <u>7 7/8</u> CASING SIZE: <u>5 1/2</u>

CEMENTED WITH: N/A SX METHOD DETERMINED: N/A

TOP OF CEMENT: \_\_\_\_\_1,850'

#### Injection Interval

TOP INTERVAL(MD): <u>8363'</u> BTM INTERVAL(MD): <u>13534'</u>

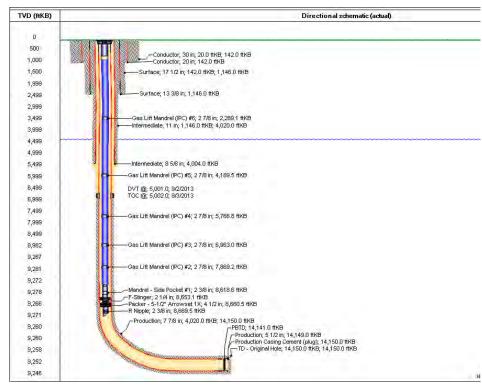
REVISED:

CLGC

# XTO Permian Operating Poker Lake CVX JV BS 011H

Tubing size:	2 7/8		
Type of Packer:	AS1-X W/CARBIDE SLIPS	LINING MATERIAL:	
Packer Setting Depth	n: <u>8,319.3'</u>		
Other Type of	of Tubing/Casing Seal (if applicable):		
		ADDITIONAL DATA	
1. Is	this a new well Drilled for Injection		
	If No, for what purpose was the well Originally Drilled?		
2. Na	ame of the Injection Formation:		
3. Na	ame Of Field or Pool (if applicable):		
all	as the well ever been perforated in any other zone(s)? List such perforated intervals and give plugging detail, i.e. cks of cement or plugs used.		
5. Giv	ve the name and depth of any oil or gas zones underlying overlying to proposed injection zone in this area	OVERLYING: UNDERLYING:	

### XTO Permian Operating Poker Lake CVX JV BS 021H



<u>OPERATOR NAME:</u> XTO Permian Operating WELL NAME: Poker Lake CVX JV BS 021H

<u>POOL CODE:</u> 97913 <u>POOL:</u> Wildcat G-06 S253002O; Bone Spring <u>LOCATION</u>: 125' FSL, 690' FWL, SECTION 13, TOWNSHIP 25S, RANGE 30E <u>LATITUDE</u>: 32.1235085N <u>LONGITUDE</u>: -103.8409348W

LATITUDE: 32.1235085N LONGITUDE: -103.84
COUNTY/STATE: EDDY, NM DISTRICT: Artesia

API: 30-015-41554 BUISSNESS UNIT: Delaware NM

WELL TYPE: GAS LIFT

#### **WELL CONSTRUCTION DATA**

#### **Surface Casing**

 HOLE SIZE:
 17 1/2
 CASING SIZE:
 13 3/8

 CEMENTED WITH:
 1,100
 SX
 METHOD DETERMINED:
 N/A

TOP OF CEMENT: 20'

#### **Intermediate Casing**

HOLE SIZE: \_\_\_\_\_11 \_\_\_\_ CASING SIZE: \_\_\_\_\_8 5/8

CEMENTED WITH: 1,950 SX

METHOD DETERMINED: N/A

TOP OF CEMENT: 20'

#### **Production Casing**

HOLE SIZE: <u>7 7/8</u> CASING SIZE: <u>5 1/2</u>

CEMENTED WITH: 1,705 SX METHOD DETERMINED: N/A

TOP OF CEMENT: 5002'

#### Injection Interval

TOP INTERVAL(MD): \_\_\_\_\_9180' BTM INTERVAL(MD): \_\_\_\_\_14125'

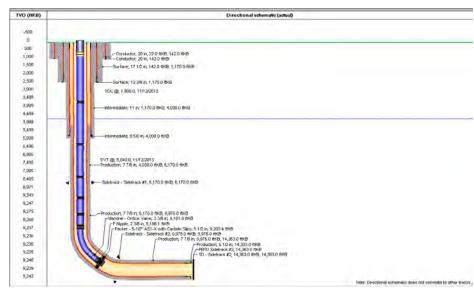
REVISED:

CLGC

# XTO Permian Operating Poker Lake CVX JV BS 021H

Tubing size: <u>2 7/8</u>	
Type of Packer:AS1-X W/CARBIDE SLIPS	LINING MATERIAL:
Packer Setting Depth: 8,660.5	
Other Type of Tubing/Casing Seal (if applicable):	<u> </u>
	ADDITIONAL DATA
1. Is this a new well Drilled for Injection	
If No, for what purpose was the well Originally Drilled	?
2. Name of the Injection Formation:	
3. Name Of Field or Pool (if applicable):	
<ol> <li>Has the well ever been perforated in any other zone(s)? all such perforated intervals and give plugging detail, sacks of cement or plugs used.</li> </ol>	
<ol> <li>Give the name and depth of any oil or gas zones underly or overlying to proposed injection zone in this area</li> </ol>	ving  OVERLYING: UNDERLYING:

### XTO Permian Operating Poker Lake CVX JV BS 022H



#### **DATA**

<u>OPERATOR NAME:</u> XTO Permian Operating <u>WELL NAME:</u> Poker Lake CVX JV BS 022H

 POOL CODE:
 97814
 POOL:
 Wild Cat; G-015 S263001 Bone Spring

 LOCATION:
 80' FSL, 740' FEL, SECTION 13, TOWNSHIP 25S, RANGE 30E

 LATITUDE:
 32.1233978N

 LONGITUDE:
 -103.8407745W

COUNTY/STATE: EDDY, NM DISTRICT: Artesia

API: 30-015-41693 BUISNESS UNIT: Delaware NM

**WELL TYPE:** GAS LIFT

#### **WELL CONSTRUCTION DATA**

#### **Surface Casing**

 HOLE SIZE:
 17 1/2
 CASING SIZE:
 13 3/8

 CEMENTED WITH:
 1348
 SX
 METHOD DETERMINED:
 N/A

TOP OF CEMENT: 22'

#### **Intermediate Casing**

HOLE SIZE: <u>11</u> CASING SIZE: <u>8 5/8</u>

CEMENTED WITH: 2,150 SX METHOD DETERMINED: N/A

TOP OF CEMENT: <u>22'</u>

#### **Production Casing**

HOLE SIZE: <u>8 3/4</u> CASING SIZE: <u>5 1/2</u>

CEMENTED WITH: 1,760 SX METHOD DETERMINED: N/A

TOP OF CEMENT: 3,650'

#### Injection Interval

TOP INTERVAL(MD): 9358' BTM INTERVAL(MD): 14309'

REVISED:

CLGC

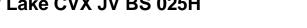
Received by OCD: 6/12/2024/3530127PM

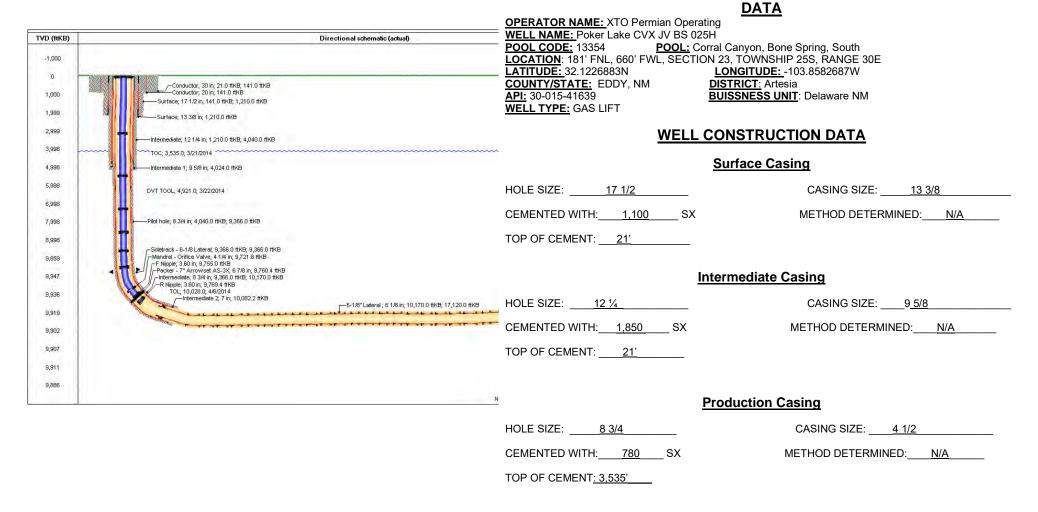
# XTO Permian Operating Poker Lake CVX JV BS 022H

Tubing size:	2 7/8	LINING MATERIAL:
Гуре of Packer:	AS1-X CARBIDE SLIPS	
Packer Setting Depth:	9,203.4'	
Other Type of	Tubing/Casing Seal (if applicable):	
		ADDITIONAL DATA
1.	Is this a new well Drilled for Injection	NO
	If No, for what purpose was the well Originally Drilled?	
2.	Name of the Injection Formation:	
3.	Name Of Field or Pool (if applicable):	
4.	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e.	
	sacks of cement or plugs used.	
5.	Give the name and depth of any oil or gas zones underlying or overlying to proposed injection zone in this area	OVERLYING: UNDERLYING:

REVISED: CLGC

### XTO Permian Operating Poker Lake CVX JV BS 025H





\_\_\_\_\_BTM INTERVAL(MD): \_\_\_\_\_<u>17058'</u>\_\_\_

REVISED:

Injection Interval

CLGC

CLGC Poker Lake Project 2023/2024 \*NOTE – Diagram not to Scale

TOP INTERVAL(MD): 10286'

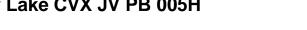
# XTO Permian Operating Poker Lake CVX JV BS 025H

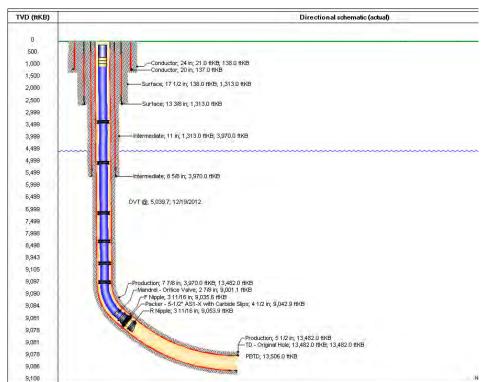
		LINING MATERIAL:	
Tubing size:	2 7/8		
Type of Packer:	AS1-X CARBIDE SLIPS		
Packer Setting Depth:	9,760.4'	ADDITIONAL DATA	
Other Type of	Tubing/Casing Seal (if applicable):		NO
1.	Is this a new well Drilled for Injection		
	If No, for what purpose was the well Originally Drilled?		
2.	Name of the Injection Formation:		
3.	Name Of Field or Pool (if applicable):	OVERLYING:	UNDERLYING:
4.	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plugs used.		
5.	Give the name and depth of any oil or gas zones underlying or overlying to proposed injection zone in this area		

REVISED:

CLGC

### **XTO Permian Operating** Poker Lake CVX JV PB 005H





**DATA OPERATOR NAME:** XTO Permian Operating

WELL NAME: Poker Lake CVX JV PB 005H

**POOL CODE:** 96238 **POOL:** Corral Draw; Bone Spring

LOCATION: 325' FNL, 1980' FWL, SECTION 22, TOWNSHIP 25S, RANGE 30E **LATITUDE:** 32.1222153N **LONGITUDE: -103.8712082W** 

**DISTRICT**: Artesia COUNTY/STATE: EDDY, NM

**API:** 30-015-40763

**BUISSNESS UNIT**: Delaware NM WELL TYPE: GAS LIFT

#### **WELL CONSTRUCTION DATA**

#### **Surface Casing**

HOLE SIZE: <u>17 1/2</u> CASING SIZE: <u>13 3/8</u> CEMENTED WITH: 1,600 SX METHOD DETERMINED: N/A

TOP OF CEMENT: 21'

#### **Intermediate Casing**

HOLE SIZE: <u>11</u> CASING SIZE: 8 5/8

CEMENTED WITH: 1,450 SX

METHOD DETERMINED: N/A

TOP OF CEMENT: 21'

#### **Production Casing**

CASING SIZE: <u>5 1/2</u> HOLE SIZE: <u>7 7/8</u>

CEMENTED WITH: 2,150 SX METHOD DETERMINED: N/A

TOP OF CEMENT: 21'

#### Injection Interval

BTM INTERVAL(MD): 13445' TOP INTERVAL(MD): 9274'

REVISED:

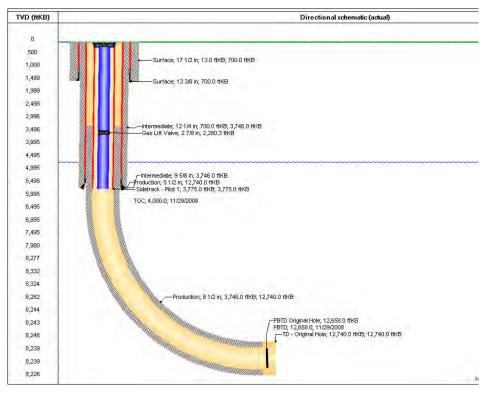
CLGC

# XTO Permian Operating Poker Lake CVX JV PB 005H

Tubing size:	2 7/8		
Type of Packer:	ASI-X W/ CARBIDE SLIPS	LINING MATERIAL:	
Packer Setting D	epth: 9,042.9'		
Other Ty	pe of Tubing/Casing Seal (if applicable):		
		ADDITIONAL DATA	
1.	Is this a new well Drilled for Injection		
	If No, for what purpose was the well Originally Drilled?		
2.	Name of the Injection Formation:		
3.	Name Of Field or Pool (if applicable):		
4.	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plugs used.		
5.	Give the name and depth of any oil or gas zones underlying or overlying to proposed injection zone in this area	OVERLYING: UNDERLYING:	

## XTO Permian Operating Poker Lake CVX JV PC 001H





#### <u>DATA</u>

OPERATOR NAME: XTO Permian Operating WELL NAME: Poker Lake CVX JV PC 001H

POOL CODE: 97748 POOL: Wildcat S253017P; Bone Spring, South LOCATION: 350' FSL, 350' FEL, SECTION 17, TOWNSHIP 25S, RANGE 30E

**LATITUDE:** 32.123951N **LONGITUDE:** -103.8959351W

COUNTY/STATE: EDDY, NM
API: 30-015-36635

DISTRICT: Artesia
BUISSNESS UNIT: Delaware NM

**WELL TYPE:** GAS LIFT

#### **WELL CONSTRUCTION DATA**

#### **Surface Casing**

HOLE SIZE: <u>17 1/2</u> CASING SIZE: <u>13 3/8</u>

CEMENTED WITH: 912 SX METHOD DETERMINED: N/A

TOP OF CEMENT: 13'

#### **Intermediate Casing**

HOLE SIZE: 12 1/4 CASING SIZE: 9 5/8

CEMENTED WITH: 970 SX METHOD DETERMINED: N/A

TOP OF CEMENT: 13'

#### **Production Casing**

HOLE SIZE: <u>8 1/2</u> CASING SIZE: <u>5 1/2</u>

CEMENTED WITH: 2300 SX METHOD DETERMINED: N/A

#### Injection Interval

TOP INTERVAL(MD): <u>8513'</u> BTM INTERVAL(MD): <u>12601'</u>

REVISED:

CLGC

Received by OCD: 6/12/2024/3530:27PM

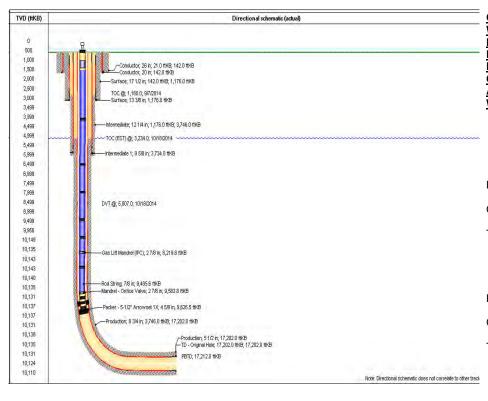
# XTO Permian Operating Poker Lake CVX JV PC 001H

Tubing size:	2 7/8	LINING MATERIAL:
Type of Packer:	ASI-X W/ CARBIDEE SLIPS	
Packer Setting D	Depth: 8,062.06'	
Other Ty	/pe of Tubing/Casing Seal (if applicable):	
		ADDITIONAL DATA
1.	Is this a new well Drilled for Injection	NO
	If No, for what purpose was the well Originally Drilled?	
2.	Name of the Injection Formation:	
3.	Name Of Field or Pool (if applicable):	
4.	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plugs used.	
5.	Give the name and depth of any oil or gas zones underlying or overlying to proposed injection zone in this area	OVERLYING: UNDERLYING:

REVISED: CLGC

PAGE 2 of 2

### **XTO Permian Operating** Poker Lake CVX JV PC 021H



#### **DATA**

**OPERATOR NAME:** XTO Permian Operating

WELL NAME: Poker Lake CVX JV PC 021H

**POOL CODE:** 13354 **POOL:** Corral Canyon; Bone Spring, South LOCATION: 330' FSL, 675' FEL, SECTION 17, TOWNSHIP 25S, RANGE 30E **LATITUDE:** 32.1238899N **LONGITUDE: -103.8969879W** 

COUNTY/STATE: EDDY, NM **DISTRICT**: Artesia

**API:** 30-015-42390 WELL TYPE: GAS LIFT

**BUISSNESS UNIT**: Delaware NM

#### **WELL CONSTRUCTION DATA**

#### **Surface Casing**

HOLE SIZE: <u>17 1/2</u> CASING SIZE: <u>13 3/8</u> CEMENTED WITH: 1305 SX METHOD DETERMINED: N/A

TOP OF CEMENT: 21'

#### Intermediate Casing

CASING SIZE: 9 5/8 HOLE SIZE: 12 1/4

CEMENTED WITH: 1165 SX

METHOD DETERMINED:\_\_\_ N/A

TOP OF CEMENT: <u>1,160'</u>

#### **Production Casing**

HOLE SIZE: <u>8 3/4</u> CASING SIZE: <u>5 1/2</u>

CEMENTED WITH: 3455 SX

METHOD DETERMINED: N/A

TOP OF CEMENT: <u>3,234'</u>

#### Injection Interval

TOP INTERVAL(MD): 10432' BTM INTERVAL(MD): <u>17183'</u>

REVISED:

**CLGC** 

Received by OCD: 6/12/2024/3530127PM

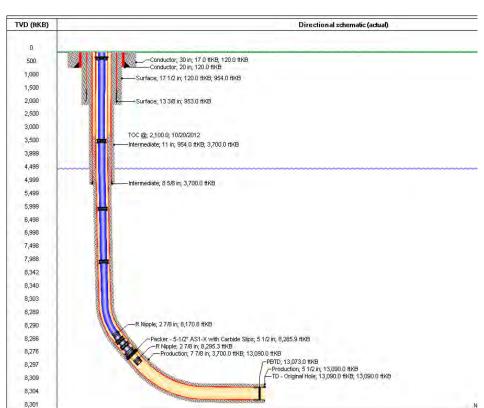
# XTO Permian Operating Poker Lake CVX JV PC 021H

Tubing size:	2 7/8	LINING MATERIAL:	
Гуре of Packer:	Arrowset 1X		
Packer Setting Depth:	9,626.5		
Other Type of	Tubing/Casing Seal (if applicable):		
		ADDITIONAL DATA	
1.	Is this a new well Drilled for Injection		NO
	If No, for what purpose was the well Originally Drilled?		
2.	Name of the Injection Formation:		
3.	Name Of Field or Pool (if applicable):		
4.	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e.		
	sacks of cement or plugs used.		
5.	Give the name and depth of any oil or gas zones underlying or overlying to proposed injection zone in this area	OVERLYING:	UNDERLYING:

REVISED: CLGC

### XTO Permian Operating Poker Lake CVX JV RR 6H





#### **DATA**

<u>OPERATOR NAME:</u> XTO Permian Operating <u>WELL NAME:</u> Poker Lake CVX JV RR 6H

POOL CODE: 13354 POOL: Corral Canyon; Bone Spring, South LOCATION: 125' FNL, 400' FWL, SECTION 21, TOWNSHIP 25S, RANGE 30E

 LATITUDE:
 32.1226616N
 LONGITUDE:
 -103.8935089W

 COUNTY/STATE:
 EDDY, NM
 DISTRICT:
 Artesia

API: 30-015-40580

WELL TYPE: GAS LIFT

#### WELL CONSTRUCTION DATA

**BUISSNESS UNIT**: Delaware NM

#### **Surface Casing**

HOLE SIZE: <u>17 1/2</u> CASING SIZE: <u>13 3/8</u>

CEMENTED WITH: 32 SX

METHOD DETERMINED: N/A

TOP OF CEMENT: 17'

#### **Intermediate Casing**

HOLE SIZE: 11 CASING SIZE: 8 5/8

CEMENTED WITH: 1700 SX

METHOD DETERMINED: N/A

TOP OF CEMENT: 17'

#### **Production Casing**

HOLE SIZE: <u>7 7/8</u> CASING SIZE: <u>5 1/2</u>

CEMENTED WITH: 1900 SX METHOD DETERMINED: N/A

TOP OF CEMENT: <u>2100'</u>

#### Injection Interval

TOP INTERVAL(MD): <u>8528'</u> BTM INTERVAL(MD): <u>13053'</u>

REVISED:

CLGC

Received by OCD: 6/12/2024/3530:27PM

# XTO Permian Operating Poker Lake CVX JV RR 6H

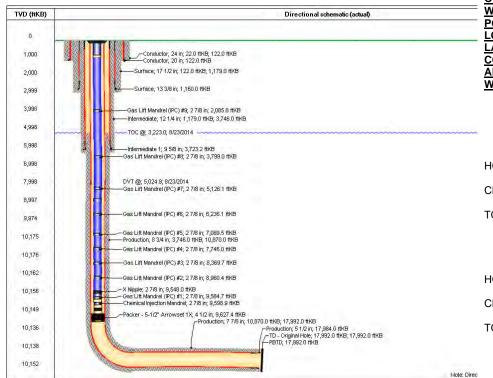
Tubing size:	2 7/8	LINING MATERIAL:
Type of Packer:	AS1-X W/CARBIDE SLIPS	
Packer Setting D	Depth: 8,295.8'	
Other Ty	/pe of Tubing/Casing Seal (if applicable):	
		ADDITIONAL DATA
1.	Is this a new well Drilled for Injection	NO
	If No, for what purpose was the well Originally Drilled?	
2.	Name of the Injection Formation:	
3.	Name Of Field or Pool (if applicable):	
4.	Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plugs used.	
5.	Give the name and depth of any oil or gas zones underlying or overlying to proposed injection zone in this area	OVERLYING: UNDERLYING:

REVISED: CLGC

PAGE 2 of 2

### XTO Permian Operating Poker Lake CVX JV RR 10H





OPERATOR NAME: XTO Permian Operating
WELL NAME: Poker Lake CVX JV RR 10H
POOL CODE: 13354 POOL: Corral Canyon; Bone Spring, South
LOCATION: 290' FSL, 675' FEL, SECTION 17, TOWNSHIP 25S, RANGE 30E
LATITUDE: 32.1237793N LONGITUDE: -103.8969879W
COUNTY/STATE: EDDY, NM
DISTRICT: Artesia

<u>API:</u> 30-015-42158 **WELL TYPE:** GAS LIFT **BUISSNESS UNIT**: Delaware NM

#### WELL CONSTRUCTION DATA

**DATA** 

#### **Surface Casing**

 HOLE SIZE:
 17 1/2
 CASING SIZE:
 13 3/8

 CEMENTED WITH:
 1,275
 SX
 METHOD DETERMINED:
 N/A

TOP OF CEMENT: 22'

#### **Intermediate Casing**

HOLE SIZE: \_\_\_\_\_\_\_\_ CASING SIZE: \_\_\_\_\_\_\_\_ 9 5/8

CEMENTED WITH: 1,305 SX

METHOD DETERMINED: N/A

TOP OF CEMENT: 22'

#### **Production Casing**

HOLE SIZE: <u>7 7/8</u> CASING SIZE: <u>5 1/2</u>

CEMENTED WITH: 2,945 SX METH

METHOD DETERMINED: <u>N/A</u>

TOP OF CEMENT: \_\_\_\_\_3,223'\_\_\_

#### **Injection Interval**

TOP INTERVAL(MD): \_\_\_\_\_10494' BTM INTERVAL(MD): \_\_\_\_\_17965'

REVISED:

CLGC

Received by OCD: 6/12/2024/3530:27PM

# XTO Permian Operating Poker Lake CVX JV RR 10H

Tubing size: <u>2 7/8</u>	
Type of Packer:AS1-X W/CARBIDE SLIPS	LINING MATERIAL:
Packer Setting Depth: 9,627.4'	
Other Type of Tubing/Casing Seal (if applicable):	
	ADDITIONAL DATA
1. Is this a new well Drilled for Injection	
If No, for what purpose was the well Originally Drilled?	
2. Name of the Injection Formation:	
3. Name Of Field or Pool (if applicable):	
4. Has the well ever been perforated in any other zone(s)? List all such perforated intervals and give plugging detail, i.e. sacks of cement or plugs used.	
<ol> <li>Give the name and depth of any oil or gas zones underlying or overlying to proposed injection zone in this area</li> </ol>	OVERLYING: UNDERLYING:

REVISED: CLGC

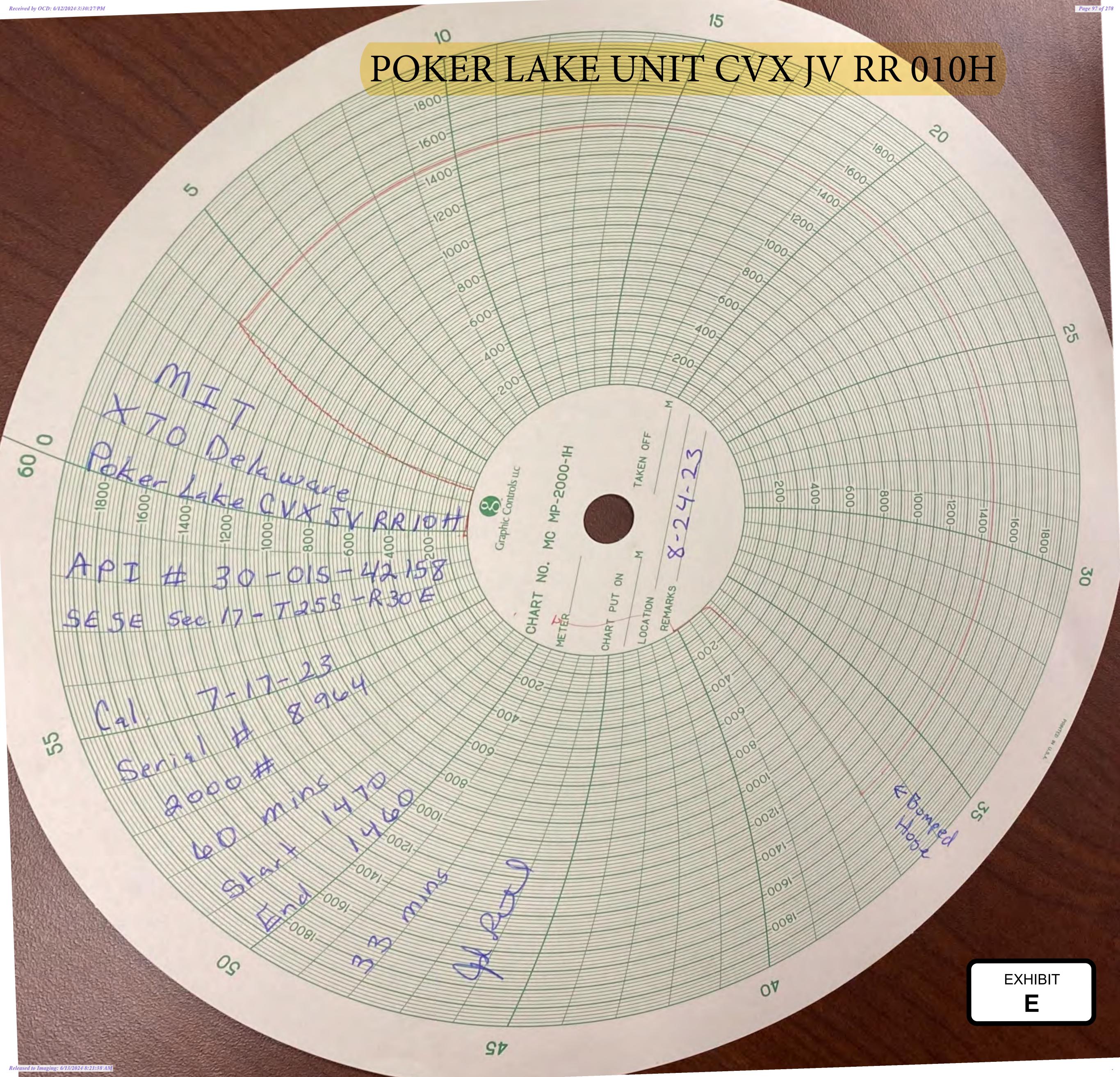


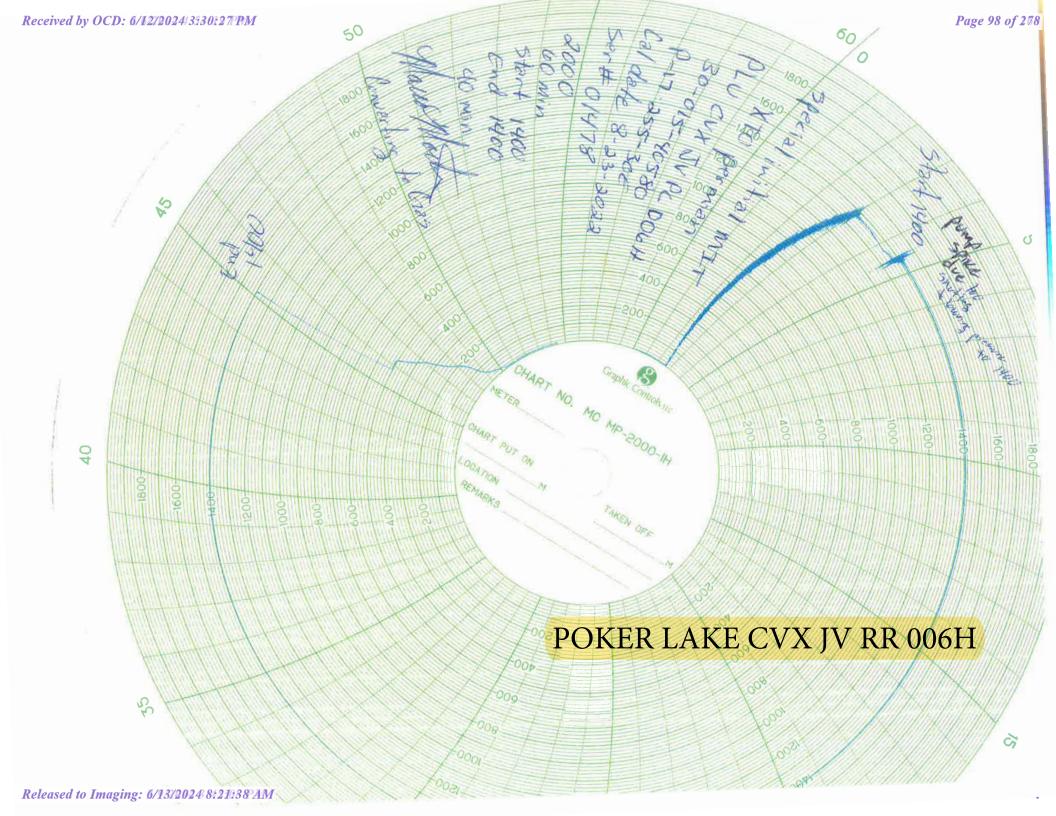
#### Schematic - Vertical

#### Well Name: Poker Lake Unit CVX JV PC 007H

API/UWI 3001537937	SAP Cost Center ID 1139221211					County Eddy	
Surface Location T25S-R30E-S08		Spud Date 10/6/2010		Original KB Elevation (ft) 3,260.00		Ground Elevation (ft) 3,235.00	KB-Ground Distance (ft) 25.00
Field Name Corral Canyon			North/South Reference FNL	East/West Distance (ft) 400.0	East/West Reference FEL	Latitude (°) 32° 9' 6.404" N	Longitude (°) 103° 53' 42.731" W
Well Classification		Well Type		Well Status		Method Of Production	

Horizontal, Original Hole, 12/18/2023 3:18:14 PM Column list MD (ftKB) Vertical schematic (actual) (actual) Des 3; Rod; 0.0 60.0 Squeeze Holes; 60.0-61.0; 5/21/2020 294.0 DEV Surface Casing Cement; 25.0; 700.0 = 17 1/2; Surface; 25.0-700.0 661.4 13 3/8 in; H-40; 700.0 ftKB; 48.00 lb/ft 700.1 RUSTLER (final) 870.1 SALADO (final) SALI (final) — Squeeze Holes; 1,100.0-1,101.0; 962.9 5/20/2020 -Perforated: 8.625.0-8.927.0: 1/14/2011 Intermediate Casing Cement; 25.0; 1,101.0 11; Intermediate; 700.0-3,750.0 3.750.0 3,652.9 3,711.0 LAMAR (final) RAMSEÝ (final) 3,748.4 8 5/8 in; J-55; 3,750.0 ftKB; 32.00 lb/ft 3,850.1 Squeeze Holes; 3,850.0-3,851.0; Prod TOC @; 4,026.0; 10/31/2010 5/20/2020 4,025.9 Production Casing Cement; 4,026.0; 4.640.7 T CANTON (IIIIal) TON TOOL (IIII) TOOL (II 4.596.1 4,644.0 OLK INDIAN DRAW (final) 4.761.2 MANZANITA (final) – 49ER ZONE (final) – ABBY (final) – SAND DUNES (final) 4 815 0 5,252.0 SAND DUNES B (final) PLU 52 (final) 5,422.9 CABIN LAKE (final) LCC (final) -BUCK (final) 5,794.0 6,023.0 LEGG (final) LIVINGSTON RIDGE A (final) LIVINGSTON RIDGE B (final) HEFLIN\_PZ (final) 6,160.1 JRU\_13 (final) —— MBC (final) I<del>E (final)</del> 6,269.0 7,029.9 7,284.1 V (final) (final) 7,326.1 X (final) 7.363.8 Y (final) 7.462.9 Z (final) BONE SPRING (final) 7.610.9 AVALON (final) AVALON BASE 7.637.1 7,745.1 Bridge Plug - Permanent; 7,745.0-7,746.0 7 7/8; Production; 3,750.0-12,700.0 8,250.0 Perforated; 8,250.0-8,552.0; 1/14/2011 8,551.8 Production Casing Cement; 4,640.7; X 12,700.0 8,926.8 Bridge Plug - Permanent; 8,972.0-8,974.0 8,974.1 Perforated; 9,000.0-9,302.0; 1/13/2011 9,301.8 Perforated; 9,375.0-9,677.0; 1/13/2011 9,676.8 Perforated: 9.750.0-10.052.0: 1/12/2011 10,051.8 Perforated; 10,125.0-10,427.0; 1/12/2011 10,426.8 Perforated: 10.500.0-10.802.0: 1/11/2011 10,801.8 Perforated; 10,875.0-11,177.0; 1/11/2011 11.176.8 Perforated; 11,250.0-11,552.0; 1/11/2011 11 551 8 Perforated; 11,625.0-11,927.0; 1/10/2011 11.926.8 Perforated; 12,000.0-12,302.0; 1/10/2011 12,301.8 Perforated; 12,375.0-12,675.0; 1/6/2011 12,610.2 12,674.9 5 1/2 in; L-80; 12,700.0 ftKB; 20.00 lb/ft 12,698.5 -4 3/4: Open Hole: 12.700.0-12.716.0 -TD - Original Hole: 12.716.0 12,715.9 **XTO Energy** Page 1/1 Report Printed: 12/18/2023





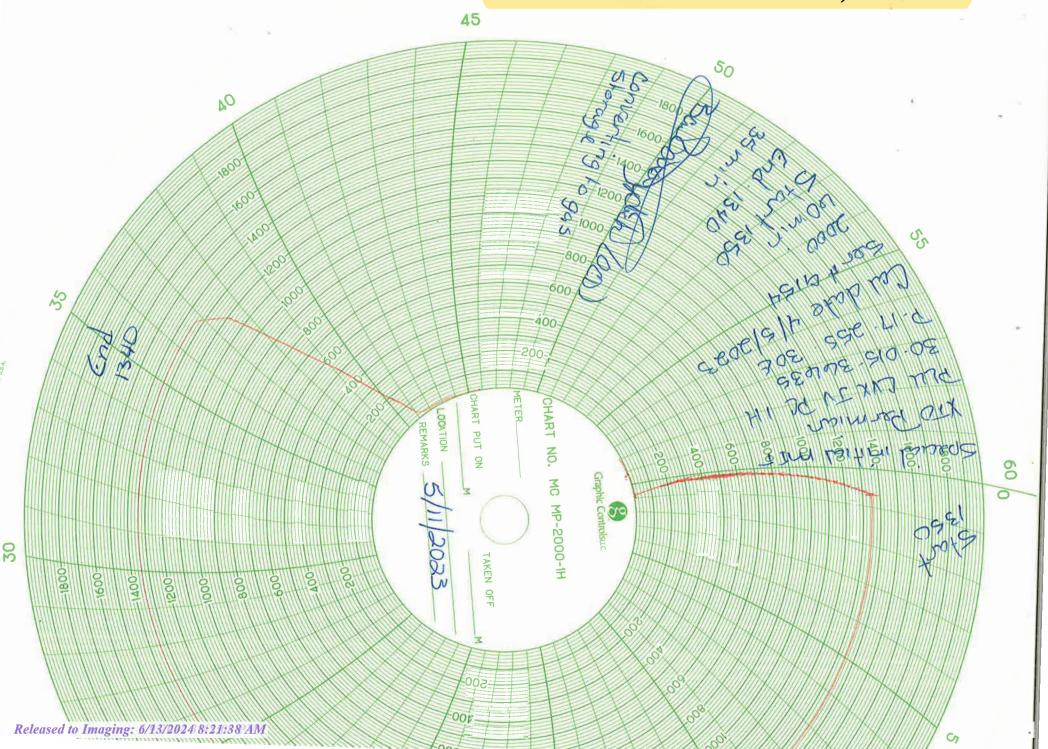
DECORDOX South District-Arteria

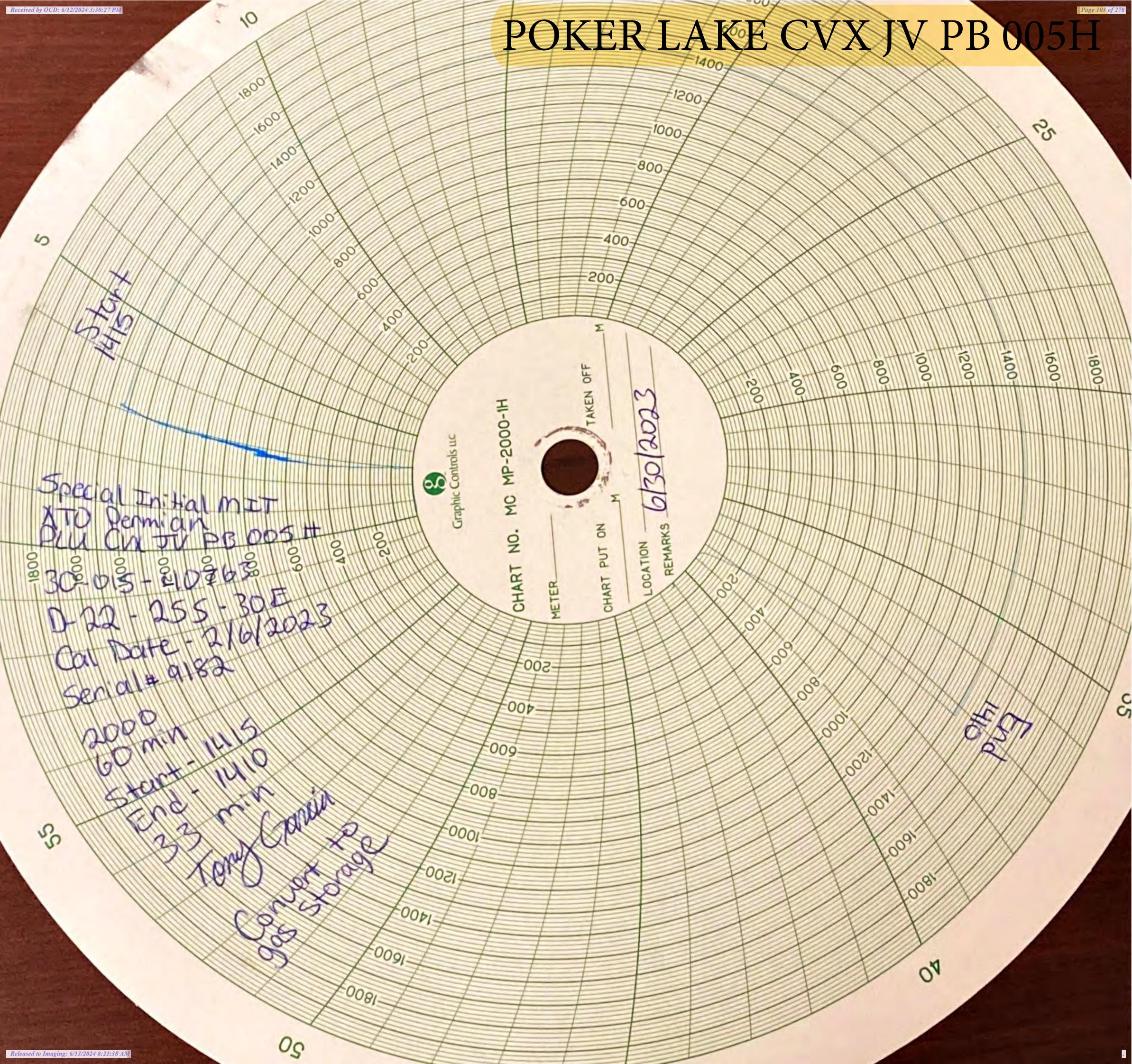
### State of New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division Hobbs District Office

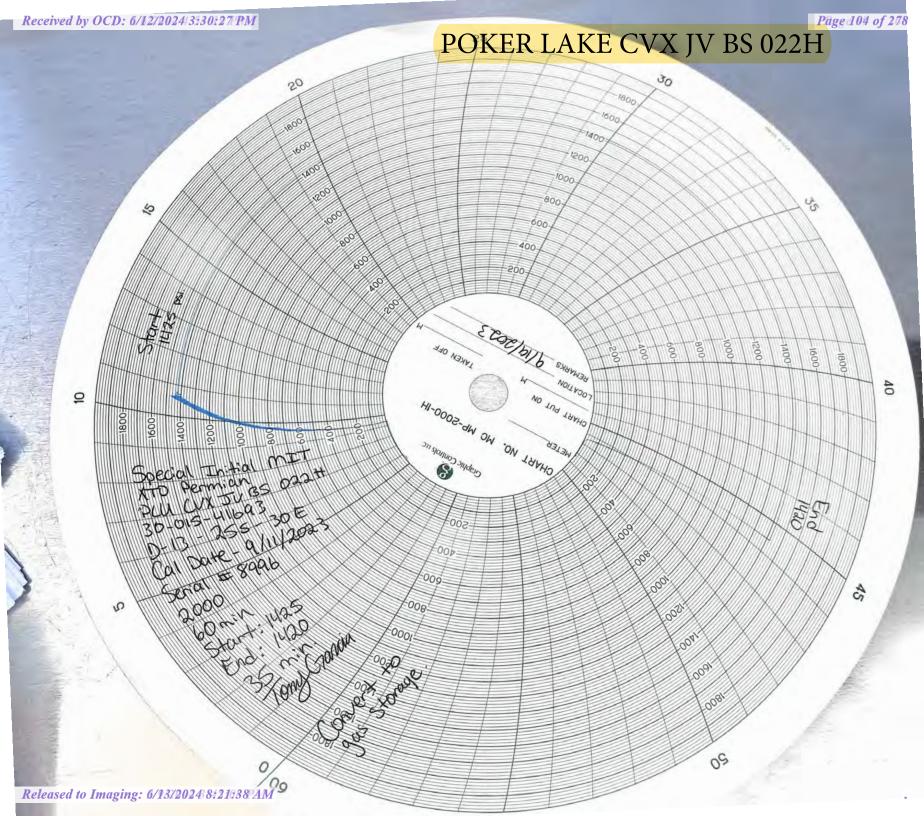
		BRADENHEAD T	EST REPORT		
	XTO Derator No	MIGIA		30.015-4	41639
Poller /a	VO CIIV Pro	perty Name		2	WEIL NO.
		7. Surface Loc	estion		217
UL-Lot Section To	ownship Range	Feet from		eet From E/W Line	Codney
D 133 13	255 30E	181	INIC	e(0) VI	Eddy
		Well Sta	tus		J
TA'D WELL NO	YES SHUT-IN	NO INJ	SWD OID PRO	DUCER GAS (ala)	DATE /2023
		110	0112	0.0	12025
		OBSERVED	DATA		
	(A)Surface	(B)Interm(1)	(C)Interm(2)	(O)Prod Csng	(E)Tubing
ressure	Ø	Ø	NA	Ø	Ø.
low Characteristics		- Indiana de la company		/	
Puif	Y/W	YIN	Y/N/	YIN	CO2
Steady Flow	Y/N	Y / N	Y/N	YIN	WTR GAS
Surges	Y/N	Y/W	YIN	Y/D	Type of Field
Down to nothing	(V) N	(Y)/ N	RIN	MIN	lajected for Waterflood if
Gas or Oil	Y / 🕅	Y/N	Y/N	YIN	applica
Water	Y/W	Y/N	Y/N	Y/(80	
Closed		Capture F	p bleed down or continuous b	uild up if applies.	
Signature: Tomul G	oncia			OIL CONSERVA	NOISIVID NOIT
Printed name: Ton	y Garcia		E	Entered into RBDMS	
Title: Wellwork ?	Siperisor		R	ke-test	
E-mail Address: On to	io garia @ ex	xon mobil. com			
Date: 6/21/2023	3	6-215-1728			
	Witness:				

INSTRUCTIONS ON BACK OF THIS FORM

### POKER LAKE UNIT CVX JV PC 1H







DECEDEX
South District-Artesia

# State of New Mexico Energy, Minerals and Natural Resources Department Oil Conservation Division Hobbs District Office

BRADENHEAD TEST REPORT

BRADENHEAD TEST REPORT						
Operator Name		'API Numbe	7			
X10 Permian	\		30-015 - 4	1693		
Proper	ty Name	The state of the s	W	ell No.		
Poker Lake Unit (	UX JV BS		9	(2H		
<sup>z</sup> . Surface Location						
UL-Lot Section Township Range D 13 255 30F	Feet from 85	NS Line Feet Fro	E/W Line	Eddy		
Well Status						
YES TA'D WELL NO YES SHUT-IN NO	INJ SY	WD OIL PRODUCE	GAS 91	DATE 19/23		

#### **OBSERVED DATA**

	(A)Surface	(B)Interm(1)	(C)Interm(2)	(D)Prod Csng	(E)Tubing
Pressure	Ø	100	NIA	Ø	Ø
Flow Characteristics		I with the first		1	
Puif	Y / (N)	Y/00	Y/N	Y / 🗷	C02
Steady Flow	Y /100	Y 160	Y/N	Y/100	WTR
Surges	Y/W	Y / (10)	YN	Y/N	Type of Fluid
Down to nothing	Ø/ N	Ø/ N	YIN	Ø/N	Injected for Waterfund T
Gas or Oil	Y/N	Y / 🕦	Y/N	Y / 🐼	applica
Water	Y/N	Y / 🗞	Y/N	Y/N	

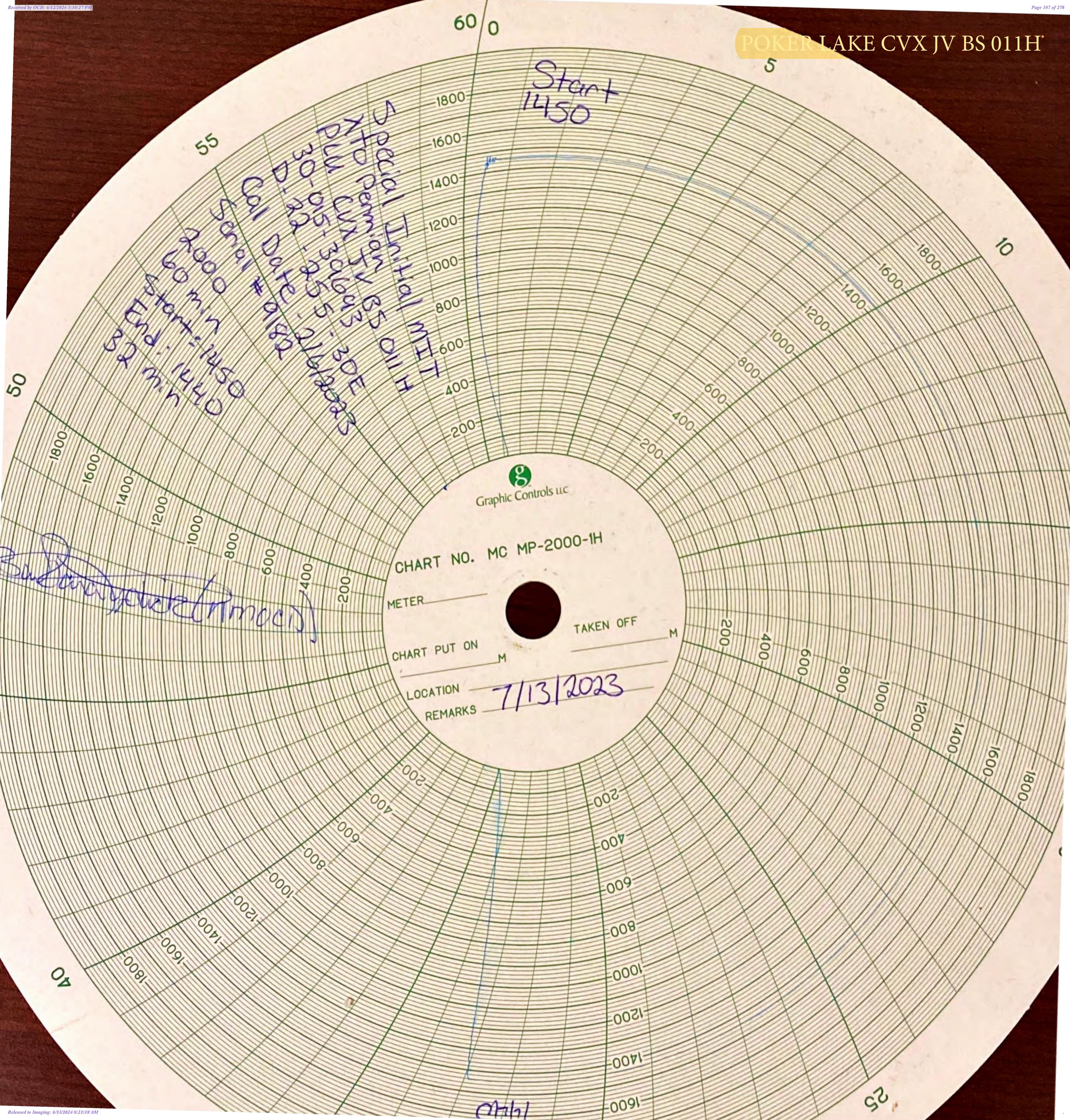
Remarks-Please state for each string (A,B,C,D,E) pertinent information regarding bleed down or continuous build up if applies.

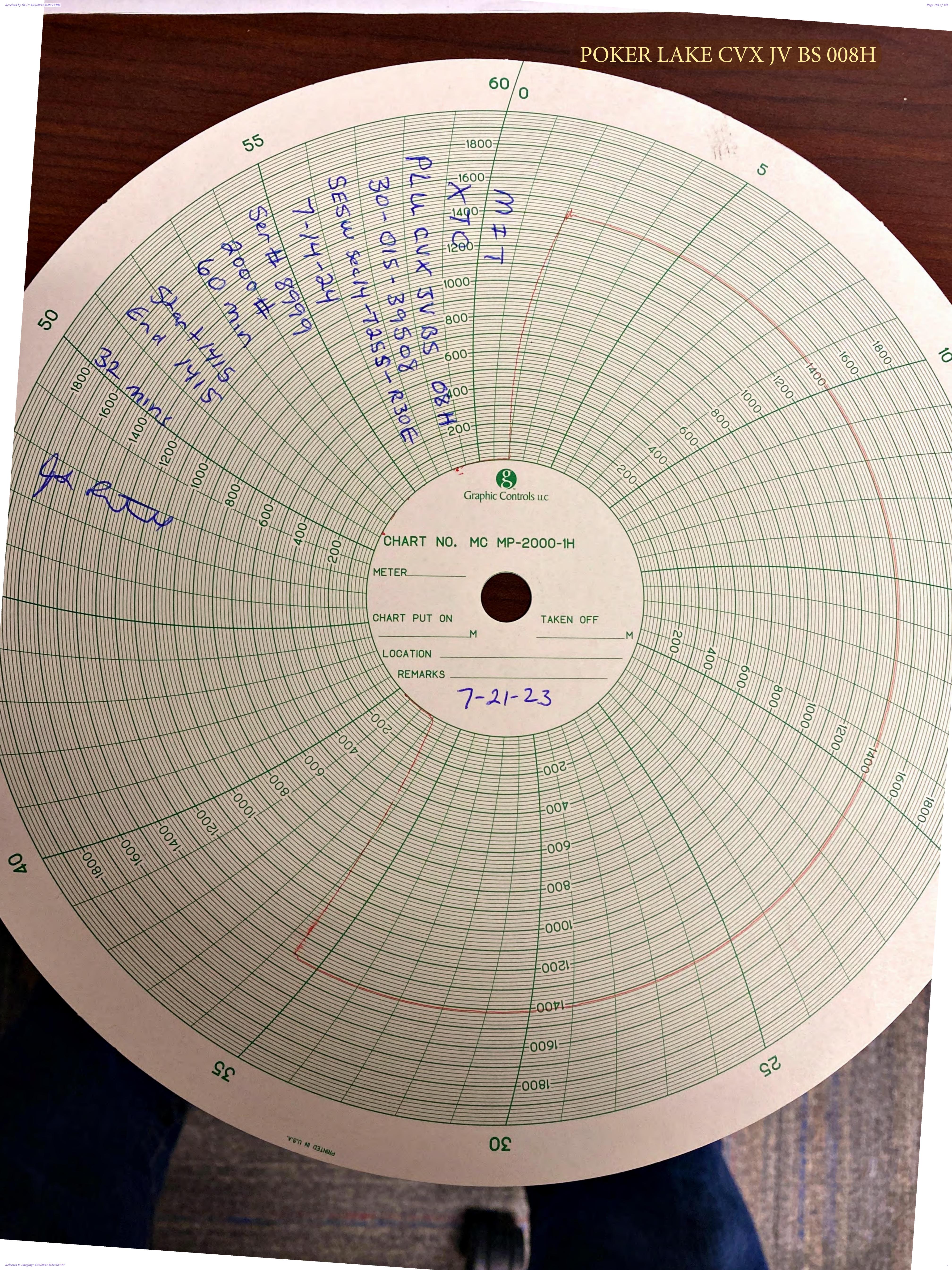
Closed Loop Gas Capture Argent

Special Initial MIT.

Signature:	OIL CONSERVATION DIVISION
	CIP COLOFICA VI IOLA DI A 1970 LA
Printed name: / 911 Cravia	Entered into RBDMS
Tide: Wellwork Superisson	Re-test
E-mail Address: antonio agaria @ exton mobil com	
Date: 9/19/23   Phone: 80(5-215-1728	
Wimess:	

INSTRUCTIONS ON BACK OF THIS FORM





Well Name	API
James Ranch Unit DI1 127H	3001543231
James Ranch Unit DI1 157H	3001542607
James Ranch Unit DI1 161H	3001543607
James Ranch Unit DI1 169H	3001542628
James Ranch Unit DI1 3E 213H	3001545397
James Ranch Unit DI1 5W 210H	3001545398
James Ranch Unit DI1 7E 211H	3001545399
James Ranch Unit DI1 7W 212H	3001545396
James Ranch Unit DI1A 203H	3001543237
James Ranch Unit DI1A 204H	3001543240
James Ranch Unit DI1A 206H	3001543236
James Ranch Unit DI1A ENNIS 114H	3001545615
James Ranch Unit DI1A ENNIS 115H	3001547514
James Ranch Unit DI1A ENNIS 805H	3001547076
James Ranch Unit DI1A ENNIS 904H	3001545617
James Ranch Unit DI1 700H	3001545351
James Ranch Unit DI1 701H	3001545462
James Ranch Unit DI1 702H	3001545461
James Ranch Unit DI2 191H	3001543259
James Ranch Unit DI2 192H	3001543370
James Ranch Unit DI2 193H	3001543368
James Ranch Unit DI2 194Y	3001544678
James Ranch Unit DI2 111H	3001545466
James Ranch Unit DI2 112H	3001545467
James Ranch Unit DI2 113H	3001545616
James Ranch Unit DI2 901H	3001545465
James Ranch Unit DI 11 Whitlash 515H	3001546283
James Ranch Unit DI 11 Whitlash 715H	3001546284
James Ranch Unit DI 11 Whitlash 251H	3001546377
James Ranch Unit DI 11 Ekalaka 923H BS (905H)	3001549032
James Ranch Unit DI 11 Ekalaka 823H BS (902H)	3001549036
James Ranch Unit DI 11 Ekalaka 123H WC (114H)	3001549124
James Ranch Unit DI 11 Ekalaka 922H BS (802H)	3001549035
James Ranch Unit DI 11 Ekalaka 824H BS (113H)	3001549033
James Ranch Unit DI 11 Ekalaka 121H WC (901H)	3001549040
James Ranch Unit DI 11 Ekalaka 921H BS (112H)	3001549039
James Ranch Unit DI 11 Ekalaka U822H BS (903H)	3001549037
James Ranch Unit DI 11 Ekalaka 821H BS (111H)	3001549038
James Ranch Unit DI 11 Ekalaka 122H WC (904H)	3001549034
JAMES RANCH UNIT DI8 EAGLE 110H	3001546663
JAMES RANCH UNIT DI8 EAGLE 111H	3001546753
JAMES RANCH UNIT DI8 EAGLE 900H	3001546908
JAMES RANCH UNIT DI8 EAGLE 151H	3001549448
JAMES RANCH UNIT DI8 EAGLE 162H	3001549449
JAMES RANCH UNIT DI8 EAGLE 701H	3001549443
JAMES RANCH UNIT DI8 EAGLE 702H	3001549444

JAMES RANCH UNIT DI8 EAGLE 703H	3001549445
JAMES RANCH UNIT DI8 EAGLE 704H	3001549446
JAMES RANCH UNIT DI8 EAGLE 705H	3001549447
Remuda North 25 State 902H	3001544231
Remuda North 25 State 904H	3001544234
Remuda South 25 State 126H	3001544392
Remuda South 25 State 902H	3001544226
Remuda South 25 State 904H	3001544252
Remuda South 25 State 105H	3001544249
Remuda South 25 State 125H	3001544356
Remuda South 30 State 111H	3001544403
Remuda South 30 State 112H	3001544321
Remuda South 30 State 121H	3001544404
Remuda South 30 State 122H	3001544405
REMUDA SOUTH 25 STATE 161H	3001547119
REMUDA SOUTH 25 STATE 161H	3001547096
REMUDA SOUTH 25 STATE 162H	3001546433
REMUDA SOUTH 25 STATE 166H	3001544391
REMUDA SOUTH 25 STATE 100H	3001546434
REMUDA SOUTH 25 STATE 301H	3001547117
REMUDA SOUTH 25 STATE 702H	3001547118
REMUDA SOUTH 25 STATE 703H	3001547124
REMUDA SOUTH 25 STATE 704H	3001547125
Remuda North 25 State 101H	3001544313
Remuda North 25 State 103H	3001544314
Remuda North 25 State 105H	3001544232
Remuda North 25 State 107H	3001544304
Remuda North 25 State 121H	3001544306
Remuda North 25 State 122H	3001544307
Remuda North 25 State 123H	3001544308
Remuda North 25 State 124H	3001544310
Remuda North 25 State 125H	3001544315
Remuda North 25 State 126H	3001544311
Remuda North 25 State 127H	3001544233
Remuda North 25 State 128H	3001544309
Remuda North 25 State 168H	3001544305
Remuda North 25 State 906H	3001544312
Remuda North 25 State 908H	3001546301
Remuda North 30 State 111H	3001544400
Remuda North 30 State 112H	3001544327
Remuda North 30 State 121H	3001544402
Remuda North 30 State 122H	3001544401
Remuda North 31 State 113H	3001544413
Remuda North 31 State 123H	3001544414
Remuda North 31 State 124H	3001544415
Remuda North 31 State 164H	3001545310
Remuda South 25 State 101H	3001544364
<u> </u>	

Remuda South 25 State 103H         3001544359           Remuda South 25 State 107H         3001544367           Remuda South 25 State 121H         3001544360           Remuda South 25 State 122H         3001544389           Remuda South 25 State 123H         3001544390           Remuda South 25 State 128H         3001544393           Remuda South 25 State 167H         3001544393           Remuda South 25 State 908H         3001544393           Remuda South 25 State 705H         3001548539           Remuda South 25 State 706H         3001548542           Remuda South 25 State 707H         3001548541           Remuda South 25 State 708H         3001548541           Remuda South 25 State 708H         3001548541           Remuda South 25 State 708H         3001548543           Remuda North 25 State 709H         3001549287           Remuda North 25 State 709H         3001549289           Remuda North 25 State 707H         3001549289           Remuda North 25 State 707H         3001549291           Remuda North 25 State 708H         3001549291           Remuda North 25 State		T
Remuda South 25 State 121H       3001544361         Remuda South 25 State 122H       3001544360         Remuda South 25 State 123H       3001544389         Remuda South 25 State 124H       3001544393         Remuda South 25 State 128H       3001544393         Remuda South 25 State 167H       3001544394         Remuda South 25 State 908H       3001544394         Remuda South 25 State 705H       3001548549         Remuda South 25 State 706H       3001548541         Remuda South 25 State 707H       3001548541         Remuda South 25 State 708H       3001548543         Remuda South 25 State 709H       3001548543         Remuda North 25 State 709H       3001548540         Remuda North 25 State 709H       3001549287         Remuda North 25 State 705H       3001549287         Remuda North 25 State 705H       3001549289         Remuda North 25 State 706H       3001549289         Remuda North 25 State 707H       3001549290         Remuda North 25 State 707H       3001549291         Remuda North 25 State 707H       3001549291         Remuda North 25 State 701H       3001549288         Remuda North 25 State 702H       3001549288         Remuda North 25 State 801H       300154928         Remuda North 25	Remuda South 25 State 103H	3001544359
Remuda South 25 State 122H       3001544360         Remuda South 25 State 123H       3001544389         Remuda South 25 State 124H       3001544390         Remuda South 25 State 128H       3001544293         Remuda South 25 State 167H       3001544253         Remuda South 25 State 908H       3001544394         Remuda South 25 State 705H       3001548539         Remuda South 25 State 706H       3001548541         Remuda South 25 State 707H       3001548541         Remuda South 25 State 708H       3001548543         Remuda South 25 State 708H       3001548540         Remuda South 25 State 709H       3001548540         Remuda North 25 State 709H       3001549289         Remuda North 25 State 705H       3001549289         Remuda North 25 State 706H       3001549289         Remuda North 25 State 706H       3001549289         Remuda North 25 State 706H       3001549290         Remuda North 25 State 707H       3001549291         Remuda North 25 State 708H       3001549291         Remuda North 25 State 708H       3001549288         Remuda North 25 State 709H       3001549288         Remuda North 25 State 801H       3001549288         Remuda North 25 State 801H       3001549288         Remuda North 2		3001544357
Remuda South 25 State 123H         3001544389           Remuda South 25 State 124H         3001544393           Remuda South 25 State 128H         3001544393           Remuda South 25 State 167H         3001544253           Remuda South 25 State 908H         3001544394           Remuda South 25 State 705H         3001548539           Remuda South 25 State 707H         3001548541           Remuda South 25 State 708H         3001548541           Remuda South 25 State 708H         3001548543           Remuda South 25 State 708H         3001548541           Remuda South 25 State 708H         3001548543           Remuda North 25 State 708H         3001548249           Remuda North 25 State 709H         3001549287           Remuda North 25 State 705H         3001549289           Remuda North 25 State 706H         3001549290           Remuda North 25 State 706H         3001549291           Remuda North 25 State 707H         3001549292           Remuda North 25 State 708H         3001549292           Remuda North 25 State 701H         3001549288           Remuda North 25 State 702H         3001549288           Remuda North 25 State 801H         3001549288           Remuda North 25 State 801H         3001549284           Nash Unit 201H	Remuda South 25 State 121H	3001544361
Remuda South 25 State 124H         3001544390           Remuda South 25 State 128H         3001544393           Remuda South 25 State 167H         3001544253           Remuda South 25 State 908H         3001544394           Remuda South 25 State 705H         3001548539           Remuda South 25 State 706H         3001548541           Remuda South 25 State 707H         3001548541           Remuda South 25 State 708H         3001548543           Remuda South 25 State 708H         3001548543           Remuda South 25 State 708H         3001548541           Remuda North 25 State 709H         3001548540           Remuda North 25 State 705H         3001549287           Remuda North 25 State 705H         3001549289           Remuda North 25 State 706H         3001549290           Remuda North 25 State 706H         3001549291           Remuda North 25 State 707H         3001549292           Remuda North 25 State 708H         3001549292           Remuda North 25 State 708H         3001549288           Remuda North 25 State 702H         3001549288           Remuda North 25 State 702H         3001549288           Remuda North 25 State 801H         3001549284           Nash Unit 201H         3001549284           Nash Unit 201H         3	Remuda South 25 State 122H	3001544360
Remuda South 25 State 128H       3001544393         Remuda South 25 State 167H       3001544253         Remuda South 25 State 908H       3001544394         Remuda South 25 state 705H       3001548539         Remuda South 25 state 706H       3001548542         Remuda South 25 state 707H       3001548541         Remuda South 25 state 708H       3001548543         Remuda South 25 state 709H       3001548540         Remuda North 25 State 704H       3001549287         Remuda North 25 State 705H       3001549289         Remuda North 25 State 705H       3001549289         Remuda North 25 State 706H       3001549290         Remuda North 25 State 707H       3001549291         Remuda North 25 State 708H       3001549292         Remuda North 25 State 708H       3001549285         Remuda North 25 State 702H       3001549288         Remuda North 25 State 702H       3001549288         Remuda North 25 State 801H       3001549288         Remuda North 25 State 801H       3001549284         Nash Unit 202H       3001545492         Nash Unit 202H       3001545494         Nash Unit 203H       3001545495         Nash Unit 205H       3001546584         Nash Unit 304H       3001545500 <t< td=""><td>Remuda South 25 State 123H</td><td>3001544389</td></t<>	Remuda South 25 State 123H	3001544389
Remuda South 25 State 167H       3001544253         Remuda South 25 State 908H       3001544394         Remuda South 25 State 705H       3001548539         Remuda South 25 State 706H       3001548542         Remuda South 25 State 707H       3001548541         Remuda South 25 State 708H       3001548543         Remuda South 25 State 709H       3001549287         Remuda North 25 State 709H       3001549287         Remuda North 25 State 705H       3001549289         Remuda North 25 State 705H       3001549289         Remuda North 25 State 706H       3001549290         Remuda North 25 State 707H       3001549291         Remuda North 25 State 708H       3001549291         Remuda North 25 State 708H       3001549285         Remuda North 25 State 702H       3001549288         Remuda North 25 State 702H       3001549288         Remuda North 25 State 801H       3001549288         Remuda North 25 State 801H       3001549284         Nash Unit 201H       3001549284         Nash Unit 202H       3001545495         Nash Unit 203H       3001545496         Nash Unit 301H       3001545498         Nash Unit 302H       3001545500         Nash Unit 304H       3001546581 <td< td=""><td>Remuda South 25 State 124H</td><td>3001544390</td></td<>	Remuda South 25 State 124H	3001544390
Remuda South 25 State 908H       3001544394         Remuda South 25 state 705H       3001548539         Remuda South 25 state 706H       3001548541         Remuda South 25 state 707H       3001548541         Remuda South 25 state 708H       3001548543         Remuda South 25 state 709H       3001548540         Remuda North 25 State 704H       3001549287         Remuda North 25 State 705H       3001549289         Remuda North 25 State 705H       3001549290         Remuda North 25 State 707H       3001549291         Remuda North 25 State 708H       3001549291         Remuda North 25 State 708H       3001549292         Remuda North 25 State 708H       3001549288         Remuda North 25 State 702H       3001549288         Remuda North 25 State 801H       3001549286         Remuda North 25 State 801H       3001549284         Nash Unit 201H       3001549284         Nash Unit 202H       3001545498         Nash Unit 203H       3001545495         Nash Unit 204H       3001545496         Nash Unit 301H       3001545501         Nash Unit 302H       3001545501         Nash Unit 304H       3001545501         Nash Unit 401H       3001545501         Nash Unit 402H	Remuda South 25 State 128H	3001544393
Remuda South 25 state 705H       3001548539         Remuda South 25 state 706H       3001548542         Remuda South 25 state 707H       3001548541         Remuda South 25 state 708H       3001548543         Remuda South 25 state 709H       3001548540         Remuda North 25 State 704H       3001549287         Remuda North 25 State 705H       3001549288         Remuda North 25 State 706H       3001549290         Remuda North 25 State 707H       3001549291         Remuda North 25 State 707H       3001549292         Remuda North 25 State 707H       3001549292         Remuda North 25 State 701H       3001549285         Remuda North 25 State 702H       3001549288         Remuda North 25 State 801H       3001549286         Remuda North 25 State 801H       3001549284         Nash Unit 201H       3001549284         Nash Unit 201H       3001545498         Nash Unit 202H       3001545495         Nash Unit 203H       3001545496         Nash Unit 301H       3001545501         Nash Unit 302H       3001545501         Nash Unit 303H       3001545501         Nash Unit 403H       3001545501         Nash Unit 403H       3001545501         Nash Unit 403H       30015	Remuda South 25 State 167H	3001544253
Remuda South 25 state 706H       3001548542         Remuda South 25 state 707H       3001548541         Remuda South 25 state 708H       3001548543         Remuda South 25 state 709H       3001548540         Remuda North 25 State 704H       3001549287         Remuda North 25 State 705H       3001549289         Remuda North 25 State 706H       3001549290         Remuda North 25 State 707H       3001549291         Remuda North 25 State 708H       3001549292         Remuda North 25 State 701H       3001549288         Remuda North 25 State 702H       3001549288         Remuda North 25 State 801H       3001549288         Remuda North 25 State 801H       3001549284         Nash Unit 201H       3001549284         Nash Unit 202H       3001545494         Nash Unit 203H       3001545496         Nash Unit 204H       3001545496         Nash Unit 301H       3001545501         Nash Unit 302H       3001545501         Nash Unit 303H       3001545501         Nash Unit 304H       3001545502         Nash Unit 401H       3001545503         Nash Unit 402H       3001546584         Nash Unit 403H       3001546586         Nash Unit 30E Anakin 203H       3001546243	Remuda South 25 State 908H	3001544394
Remuda South 25 state 707H       3001548541         Remuda South 25 state 708H       3001548543         Remuda South 25 state 709H       3001548540         Remuda North 25 State 704H       3001549287         Remuda North 25 State 705H       3001549289         Remuda North 25 State 706H       3001549290         Remuda North 25 State 707H       3001549291         Remuda North 25 State 708H       3001549292         Remuda North 25 State 701H       3001549285         Remuda North 25 State 702H       3001549288         Remuda North 25 State 703H       3001549288         Remuda North 25 State 801H       3001549288         Remuda North 25 State 801H       3001549284         Nash Unit 201H       3001549284         Nash Unit 202H       3001545495         Nash Unit 203H       3001545495         Nash Unit 204H       3001545496         Nash Unit 301H       3001545501         Nash Unit 302H       3001545501         Nash Unit 303H       3001545501         Nash Unit 304H       3001545501         Nash Unit 401H       3001545501         Nash Unit 402H       3001545503         Nash Unit 403H       3001546584         Nash Unit 404H       3001546586	Remuda South 25 state 705H	3001548539
Remuda South 25 state 708H       3001548543         Remuda South 25 state 709H       3001548540         Remuda North 25 State 704H       3001549287         Remuda North 25 State 705H       3001549289         Remuda North 25 State 706H       3001549290         Remuda North 25 State 707H       3001549291         Remuda North 25 State 708H       3001549292         Remuda North 25 State 701H       3001549285         Remuda North 25 State 702H       3001549288         Remuda North 25 State 703H       3001549286         Remuda North 25 State 801H       3001549284         Remuda South 25 State 801H       3001549284         Nash Unit 201H       3001545494         Nash Unit 202H       3001545495         Nash Unit 203H       3001545496         Nash Unit 205H       3001545498         Nash Unit 301H       3001545500         Nash Unit 302H       3001545501         Nash Unit 303H       3001545501         Nash Unit 303H       3001545501         Nash Unit 401H       3001545501         Nash Unit 402H       3001545501         Nash Unit 403H       3001545503         Nash Unit 404H       3001546586         Nash Unit 404H       3001546586	Remuda South 25 state 706H	3001548542
Remuda South 25 state 709H       3001548540         Remuda North 25 State 704H       3001549287         Remuda North 25 State 705H       3001549289         Remuda North 25 State 706H       3001549290         Remuda North 25 State 707H       3001549291         Remuda North 25 State 708H       3001549292         Remuda North 25 State 701H       3001549285         Remuda North 25 State 702H       3001549288         Remuda North 25 State 703H       3001549286         Remuda North 25 State 801H       3001549284         Remuda South 25 State 801H       3001549284         Nash Unit 201H       3001545494         Nash Unit 202H       3001545495         Nash Unit 203H       3001545496         Nash Unit 205H       3001545497         Nash Unit 205H       3001545498         Nash Unit 301H       3001545500         Nash Unit 302H       3001545501         Nash Unit 303H       3001545501         Nash Unit 304H       3001545501         Nash Unit 402H       3001545501         Nash Unit 403H       3001545503         Nash Unit 404H       3001546586         Nash Unit 404H       3001546586         Nash Unit 404H       3001546586         Nash Uni	Remuda South 25 state 707H	3001548541
Remuda North 25 State 704H       3001549287         Remuda North 25 State 705H       3001549289         Remuda North 25 State 706H       3001549290         Remuda North 25 State 707H       3001549291         Remuda North 25 State 708H       3001549292         Remuda North 25 State 701H       3001549285         Remuda North 25 State 702H       3001549288         Remuda North 25 State 801H       3001549286         Remuda North 25 State 801H       3001549293         Remuda South 25 State 801H       3001549284         Nash Unit 201H       3001549284         Nash Unit 202H       3001545495         Nash Unit 203H       3001545495         Nash Unit 204H       3001545496         Nash Unit 205H       3001545498         Nash Unit 301H       3001545590         Nash Unit 302H       3001545501         Nash Unit 303H       3001545501         Nash Unit 304H       3001545501         Nash Unit 401H       3001545501         Nash Unit 402H       3001545503         Nash Unit 403H       3001545504         Nash Unit 404H       300154658         Nash Unit 30E Anakin 203H       3001546586         Nash Unit 30E Anakin 102H       3001546243 <td< td=""><td>Remuda South 25 state 708H</td><td>3001548543</td></td<>	Remuda South 25 state 708H	3001548543
Remuda North 25 State 705H       3001549289         Remuda North 25 State 706H       3001549290         Remuda North 25 State 707H       3001549291         Remuda North 25 State 708H       3001549292         Remuda North 25 State 701H       3001549285         Remuda North 25 State 702H       3001549288         Remuda North 25 State 703H       3001549286         Remuda North 25 State 801H       3001549284         Remuda South 25 State 801H       3001549284         Nash Unit 201H       3001549284         Nash Unit 202H       3001545495         Nash Unit 203H       3001545495         Nash Unit 204H       3001545496         Nash Unit 205H       3001545498         Nash Unit 301H       3001545498         Nash Unit 302H       3001545500         Nash Unit 303H       3001545501         Nash Unit 304H       3001545501         Nash Unit 401H       3001545502         Nash Unit 402H       3001545504         Nash Unit 403H       300154658         Nash Unit 30E Anakin 203H       3001546586         Nash Unit 30E Anakin 102H       3001546243         Big Eddy Unit 30E Anakin 102H       3001546198         Big Eddy Unit 30E Qui Gon 102H       3001546199	Remuda South 25 state 709H	3001548540
Remuda North 25 State 706H       3001549290         Remuda North 25 State 707H       3001549291         Remuda North 25 State 708H       3001549292         Remuda North 25 State 701H       3001549288         Remuda North 25 State 702H       3001549288         Remuda North 25 State 801H       3001549284         Remuda South 25 State 801H       3001549293         Remuda South 25 State 801H       3001549284         Nash Unit 201H       3001545494         Nash Unit 202H       3001545495         Nash Unit 203H       3001545495         Nash Unit 204H       3001545496         Nash Unit 205H       3001545497         Nash Unit 206H       3001545498         Nash Unit 301H       3001545498         Nash Unit 302H       3001545500         Nash Unit 302H       3001545501         Nash Unit 303H       3001545502         Nash Unit 401H       3001545502         Nash Unit 402H       3001546583         Nash Unit 403H       3001546586         Nash Unit 404H       3001546586         Nash Unit 404H       3001546586         Nash Unit 30E Anakin 102H       3001546197         Big Eddy Unit 30E Anakin 102H       3001546199         Big Eddy Unit 30E	Remuda North 25 State 704H	3001549287
Remuda North 25 State 707H       3001549291         Remuda North 25 State 708H       3001549292         Remuda North 25 State 701H       3001549285         Remuda North 25 State 702H       3001549288         Remuda North 25 State 801H       3001549286         Remuda North 25 State 801H       3001549293         Remuda South 25 State 801H       3001549284         Nash Unit 201H       3001545494         Nash Unit 202H       3001545495         Nash Unit 203H       3001545496         Nash Unit 204H       3001545497         Nash Unit 205H       3001545498         Nash Unit 301H       3001545498         Nash Unit 302H       3001545500         Nash Unit 303H       3001545501         Nash Unit 304H       3001545502         Nash Unit 304H       3001545503         Nash Unit 401H       3001545503         Nash Unit 402H       3001545504         Nash Unit 403H       3001546586         Nash Unit 30E Anakin 203H       3001546586         Nash Unit 30E Anakin 102H       3001546197         Big Eddy Unit 30E Anakin 102H       3001546198         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E Qui Gon 102H       3001546244 <t< td=""><td>Remuda North 25 State 705H</td><td>3001549289</td></t<>	Remuda North 25 State 705H	3001549289
Remuda North 25 State 708H       3001549292         Remuda North 25 State 701H       3001549285         Remuda North 25 State 702H       3001549288         Remuda North 25 State 703H       3001549286         Remuda North 25 State 801H       3001549293         Remuda South 25 State 801H       3001549284         Nash Unit 201H       3001545494         Nash Unit 202H       3001545495         Nash Unit 203H       3001545496         Nash Unit 205H       3001545497         Nash Unit 206H       3001545498         Nash Unit 301H       3001545500         Nash Unit 302H       3001545501         Nash Unit 303H       3001545501         Nash Unit 401H       3001546583         Nash Unit 402H       3001545503         Nash Unit 403H       3001546580         Nash Unit 404H       3001546586         Nash Unit 404H       3001546586         Nash Unit 30E Anakin 203H       3001546586         Nash Unit 30E Anakin 102H       3001546198         Big Eddy Unit 30E Anakin 102H       3001546196         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 102H       3001546244	Remuda North 25 State 706H	3001549290
Remuda North 25 State 701H       3001549285         Remuda North 25 State 702H       3001549288         Remuda North 25 State 703H       3001549286         Remuda North 25 State 801H       3001549293         Remuda South 25 State 801H       3001549284         Nash Unit 201H       3001545494         Nash Unit 202H       3001545495         Nash Unit 203H       3001545496         Nash Unit 205H       3001545497         Nash Unit 206H       3001545498         Nash Unit 301H       3001545500         Nash Unit 302H       3001545501         Nash Unit 304H       3001545502         Nash Unit 401H       3001545503         Nash Unit 402H       3001545504         Nash Unit 403H       3001545504         Nash Unit 404H       3001546586         Nash Unit 30E Anakin 203H       3001546586         Nash Unit 30E Anakin 102H       3001546197         Big Eddy Unit 30E Jedi 102H       3001546198         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E Rey 102H       3001546244	Remuda North 25 State 707H	3001549291
Remuda North 25 State 702H       3001549288         Remuda North 25 State 703H       3001549286         Remuda North 25 State 801H       3001549293         Remuda South 25 State 801H       3001549284         Nash Unit 201H       3001545494         Nash Unit 202H       3001545495         Nash Unit 203H       3001545496         Nash Unit 205H       3001545497         Nash Unit 206H       300154584         Nash Unit 301H       3001545500         Nash Unit 302H       3001545501         Nash Unit 303H       3001545502         Nash Unit 304H       3001545502         Nash Unit 401H       3001545503         Nash Unit 402H       3001545504         Nash Unit 403H       3001546586         Nash Unit 404H       3001546586         Nash Unit 30E Anakin 203H       3001546243         Big Eddy Unit 30E Anakin 102H       3001546197         Big Eddy Unit 30E Obi Wan 102H       3001546198         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 102H       3001546244 <t< td=""><td>Remuda North 25 State 708H</td><td>3001549292</td></t<>	Remuda North 25 State 708H	3001549292
Remuda North 25 State 703H       3001549286         Remuda North 25 State 801H       3001549284         Nash Unit 201H       3001545494         Nash Unit 202H       3001545495         Nash Unit 203H       3001545496         Nash Unit 204H       3001545497         Nash Unit 205H       3001545498         Nash Unit 301H       3001545500         Nash Unit 302H       3001545501         Nash Unit 303H       3001545502         Nash Unit 304H       3001545502         Nash Unit 401H       3001545503         Nash Unit 402H       3001545504         Nash Unit 403H       3001546586         Nash Unit 404H       3001546586         Nash Unit 30E Anakin 203H       3001546243         Big Eddy Unit 30E Anakin 102H       3001546197         Big Eddy Unit 30E Anakin 102H       3001546198         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 102H       3001548156	Remuda North 25 State 701H	3001549285
Remuda North 25 State 801H       3001549293         Remuda South 25 State 801H       3001549284         Nash Unit 201H       3001545494         Nash Unit 202H       3001545495         Nash Unit 203H       3001545496         Nash Unit 204H       3001545497         Nash Unit 205H       300154584         Nash Unit 301H       3001545498         Nash Unit 302H       3001545500         Nash Unit 303H       3001545501         Nash Unit 304H       3001545502         Nash Unit 401H       3001545503         Nash Unit 402H       3001545504         Nash Unit 403H       3001546586         Nash Unit 404H       3001546586         Nash Unit 30E Anakin 203H       3001546586         Big Eddy Unit 30E Anakin 102H       3001546197         Big Eddy Unit 30E Jedi 102H       3001546198         Big Eddy Unit 30E Qui Gon 102H       3001546196         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 103H       3001548156	Remuda North 25 State 702H	3001549288
Remuda South 25 State 801H       3001549284         Nash Unit 201H       3001545494         Nash Unit 202H       3001545495         Nash Unit 203H       3001545496         Nash Unit 204H       3001545497         Nash Unit 205H       300154584         Nash Unit 301H       300154598         Nash Unit 302H       3001545500         Nash Unit 302H       3001545501         Nash Unit 303H       3001545502         Nash Unit 304H       3001546583         Nash Unit 401H       3001545503         Nash Unit 402H       3001545504         Nash Unit 403H       3001546586         Nash Unit 404H       3001546586         Nash Unit 30E Anakin 203H       3001546243         Big Eddy Unit 30E Anakin 102H       3001546197         Big Eddy Unit 30E Jedi 102H       3001546196         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E Qui Gon 102H       3001548159         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 103H       3001548156	Remuda North 25 State 703H	3001549286
Nash Unit 201H       3001545494         Nash Unit 202H       3001545495         Nash Unit 203H       3001545496         Nash Unit 204H       3001545497         Nash Unit 205H       3001546584         Nash Unit 206H       3001545498         Nash Unit 301H       3001545500         Nash Unit 302H       3001545501         Nash Unit 303H       3001545502         Nash Unit 304H       3001546583         Nash Unit 401H       3001545503         Nash Unit 402H       3001545504         Nash Unit 403H       3001546586         Nash Unit 404H       3001546586         Nash Unit 30E Anakin 203H       3001546243         Big Eddy Unit 30E Anakin 102H       3001546197         Big Eddy Unit 30E Jedi 102H       3001546198         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E Qui Gon 102H       3001546244         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 103H       3001548156	Remuda North 25 State 801H	3001549293
Nash Unit 202H       3001545495         Nash Unit 203H       3001545496         Nash Unit 204H       3001545497         Nash Unit 205H       3001546584         Nash Unit 206H       3001545498         Nash Unit 301H       3001545500         Nash Unit 302H       3001545501         Nash Unit 303H       3001545502         Nash Unit 304H       3001546583         Nash Unit 401H       3001545503         Nash Unit 402H       3001545504         Nash Unit 403H       3001546586         Nash Unit 404H       3001546586         Nash Unit 30E Anakin 203H       3001546243         Big Eddy Unit 30E Anakin 102H       3001546197         Big Eddy Unit 30E Jedi 102H       3001546198         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 102H       3001548156	Remuda South 25 State 801H	3001549284
Nash Unit 203H       3001545496         Nash Unit 204H       3001545497         Nash Unit 205H       3001546584         Nash Unit 206H       3001545498         Nash Unit 301H       3001545500         Nash Unit 302H       3001545501         Nash Unit 303H       3001545502         Nash Unit 304H       3001545502         Nash Unit 401H       3001545503         Nash Unit 402H       3001545504         Nash Unit 403H       3001546586         Nash Unit 404H       3001546586         Nash Unit 30E Anakin 203H       3001546197         Big Eddy Unit 30E Anakin 102H       3001546197         Big Eddy Unit 30E Jedi 102H       3001546196         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 102H       3001548156	Nash Unit 201H	3001545494
Nash Unit 204H       3001545497         Nash Unit 205H       3001546584         Nash Unit 206H       3001545498         Nash Unit 301H       3001545500         Nash Unit 302H       3001545501         Nash Unit 303H       3001545502         Nash Unit 304H       3001546583         Nash Unit 401H       3001545503         Nash Unit 402H       3001545504         Nash Unit 403H       3001546586         Nash Unit 404H       3001546586         Nash Unit 30E Anakin 203H       3001546243         Big Eddy Unit 30E Anakin 102H       3001546197         Big Eddy Unit 30E Jedi 102H       3001546198         Big Eddy Unit 30E Obi Wan 102H       3001546196         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 103H       3001548156	Nash Unit 202H	3001545495
Nash Unit 205H       3001546584         Nash Unit 206H       3001545498         Nash Unit 301H       3001545500         Nash Unit 302H       3001545501         Nash Unit 303H       3001545502         Nash Unit 304H       3001546583         Nash Unit 401H       3001545503         Nash Unit 402H       3001545504         Nash Unit 403H       3001546586         Nash Unit 404H       3001546586         Nash Unit 30E Anakin 203H       3001546243         Big Eddy Unit 30E Anakin 102H       3001546197         Big Eddy Unit 30E Jedi 102H       3001546198         Big Eddy Unit 30E Obi Wan 102H       3001546196         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E QUI GON 103H       3001546244         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 103H       3001548156	Nash Unit 203H	3001545496
Nash Unit 206H       3001545498         Nash Unit 301H       3001545500         Nash Unit 302H       3001545501         Nash Unit 303H       3001545502         Nash Unit 304H       3001546583         Nash Unit 401H       3001545503         Nash Unit 402H       3001545504         Nash Unit 403H       3001546586         Nash Unit 404H       3001546505         Big Eddy Unit 30E Anakin 203H       3001546197         Big Eddy Unit 30E Anakin 102H       3001546197         Big Eddy Unit 30E Jedi 102H       3001546196         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 103H       3001548156	Nash Unit 204H	3001545497
Nash Unit 301H       3001545500         Nash Unit 302H       3001545501         Nash Unit 303H       3001545502         Nash Unit 304H       3001546583         Nash Unit 401H       3001545503         Nash Unit 402H       3001545504         Nash Unit 403H       3001546586         Nash Unit 404H       3001546586         Big Eddy Unit 30E Anakin 203H       3001546243         Big Eddy Unit 30E Anakin 102H       3001546197         Big Eddy Unit 30E Jedi 102H       3001546198         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E Qui Gon 102H       3001548159         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 103H       3001548156	Nash Unit 205H	3001546584
Nash Unit 302H       3001545501         Nash Unit 303H       3001545502         Nash Unit 304H       3001546583         Nash Unit 401H       3001545503         Nash Unit 402H       3001545504         Nash Unit 403H       3001546586         Nash Unit 404H       3001546505         Big Eddy Unit 30E Anakin 203H       3001546243         Big Eddy Unit 30E Anakin 102H       3001546197         Big Eddy Unit 30E Jedi 102H       3001546198         Big Eddy Unit 30E Obi Wan 102H       3001546196         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E Rey 102H       3001548159         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 103H       3001548156	Nash Unit 206H	3001545498
Nash Unit 303H       3001545502         Nash Unit 304H       3001546583         Nash Unit 401H       3001545503         Nash Unit 402H       3001545504         Nash Unit 403H       3001546586         Nash Unit 404H       3001545505         Big Eddy Unit 30E Anakin 203H       3001546243         Big Eddy Unit 30E Anakin 102H       3001546197         Big Eddy Unit 30E Jedi 102H       3001546198         Big Eddy Unit 30E Obi Wan 102H       3001546196         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E QUI GON 103H       3001546244         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 103H       3001548156	Nash Unit 301H	3001545500
Nash Unit 304H       3001546583         Nash Unit 401H       3001545503         Nash Unit 402H       3001545504         Nash Unit 403H       3001546586         Nash Unit 404H       3001545505         Big Eddy Unit 30E Anakin 203H       3001546243         Big Eddy Unit 30E Anakin 102H       3001546197         Big Eddy Unit 30E Jedi 102H       3001546198         Big Eddy Unit 30E Obi Wan 102H       3001546196         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E QUI GON 103H       3001548159         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 103H       3001548156	Nash Unit 302H	3001545501
Nash Unit 401H       3001545503         Nash Unit 402H       3001545504         Nash Unit 403H       3001546586         Nash Unit 404H       3001545505         Big Eddy Unit 30E Anakin 203H       3001546243         Big Eddy Unit 30E Anakin 102H       3001546197         Big Eddy Unit 30E Jedi 102H       3001546198         Big Eddy Unit 30E Obi Wan 102H       3001546196         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E QUI GON 103H       3001548159         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 103H       3001548156	Nash Unit 303H	3001545502
Nash Unit 402H       3001545504         Nash Unit 403H       3001546586         Nash Unit 404H       3001545505         Big Eddy Unit 30E Anakin 203H       3001546243         Big Eddy Unit 30E Anakin 102H       3001546197         Big Eddy Unit 30E Jedi 102H       3001546198         Big Eddy Unit 30E Obi Wan 102H       3001546196         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E QUI GON 103H       3001548159         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 103H       3001548156	Nash Unit 304H	3001546583
Nash Unit 403H       3001546586         Nash Unit 404H       3001545505         Big Eddy Unit 30E Anakin 203H       3001546243         Big Eddy Unit 30E Anakin 102H       3001546197         Big Eddy Unit 30E Jedi 102H       3001546198         Big Eddy Unit 30E Obi Wan 102H       3001546196         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E QUI GON 103H       3001548159         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 103H       3001548156	Nash Unit 401H	3001545503
Nash Unit 404H       3001545505         Big Eddy Unit 30E Anakin 203H       3001546243         Big Eddy Unit 30E Anakin 102H       3001546197         Big Eddy Unit 30E Jedi 102H       3001546198         Big Eddy Unit 30E Obi Wan 102H       3001546196         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E QUI GON 103H       3001548159         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 103H       3001548156	Nash Unit 402H	3001545504
Big Eddy Unit 30E Anakin 203H       3001546243         Big Eddy Unit 30E Anakin 102H       3001546197         Big Eddy Unit 30E Jedi 102H       3001546198         Big Eddy Unit 30E Obi Wan 102H       3001546196         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E QUI GON 103H       3001548159         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 103H       3001548156	Nash Unit 403H	3001546586
Big Eddy Unit 30E Anakin 102H       3001546197         Big Eddy Unit 30E Jedi 102H       3001546198         Big Eddy Unit 30E Obi Wan 102H       3001546196         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E QUI GON 103H       3001548159         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 103H       3001548156	Nash Unit 404H	3001545505
Big Eddy Unit 30E Jedi 102H       3001546198         Big Eddy Unit 30E Obi Wan 102H       3001546196         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E QUI GON 103H       3001548159         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 103H       3001548156	Big Eddy Unit 30E Anakin 203H	3001546243
Big Eddy Unit 30E Obi Wan 102H       3001546196         Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E QUI GON 103H       3001548159         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 103H       3001548156	Big Eddy Unit 30E Anakin 102H	3001546197
Big Eddy Unit 30E Qui Gon 102H       3001546199         Big Eddy Unit 30E QUI GON 103H       3001548159         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 103H       3001548156		3001546198
Big Eddy Unit 30E QUI GON 103H       3001548159         Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 103H       3001548156	Big Eddy Unit 30E Obi Wan 102H	3001546196
Big Eddy Unit 30E Rey 102H       3001546244         Big Eddy Unit 30E Rey 103H       3001548156	Big Eddy Unit 30E Qui Gon 102H	3001546199
Big Eddy Unit 30E Rey 103H 3001548156	Big Eddy Unit 30E QUI GON 103H	3001548159
	Big Eddy Unit 30E Rey 102H	3001546244
Big Eddy Unit 30E Skywalker 103H 3001546935	Big Eddy Unit 30E Rey 103H	3001548156
<u> </u>	Big Eddy Unit 30E Skywalker 103H	3001546935

Big Eddy Unit 30E Skywalker 104H	3001546937
Big Eddy Unit 30E Skywalker 105H	3001546938
BIG EDDY UNIT DI29 VADER 100H	3002546515
BIG EDDY UNIT DI29 VADER 101H	3002546516
BIG EDDY UNIT DI29 VADER 102H	3002546541
BIG EDDY UNIT DI29 VADER 103H	3002546751
BIG EDDY UNIT DI29 VADER 104H	3002546542
BIG EDDY UNIT DI29 VADER 105H	3002546654
BIG EDDY UNIT DI29 VADER 106H	3002546655
BIG EDDY UNIT DI29 VADER 107H	3002546543
BIG EDDY UNIT DI BB JABBA 100H	3002547224
BIG EDDY UNIT DI BB JABBA 101H	3002547225
BIG EDDY UNIT DI BB JABBA 102H	3002550823
BIG EDDY UNIT DI BB JABBA 103H	3002547227
BIG EDDY UNIT DI BB JABBA 104H	3002547270
BIG EDDY UNIT DI BB HUX 200H	3002550439
Big Eddy Unit 5E Han Solo 100H	3001546829
Big Eddy Unit 5E Han Solo 101H	3001546832
Big Eddy Unit 5E Han Solo 102H	3001546833
Poker Lake Unit 15 TWR West 102H	3001545053
Poker Lake Unit 15 TWR West 104H	3001545054
Poker Lake Unit 15 TWR West 106H	3001545055
Poker Lake Unit 15 TWR West 108H	3001545452
Poker Lake Unit 15 TWR West 127H	3001545202
Poker Lake Unit 15 TWR West 1271	3001545058
Poker Lake Unit 15 TWR West 901H	3001545025
Poker Lake Unit 15 TWR West 903H	3001545453
Poker Lake Unit 15 TWR West 905H	3001545061
Poker Lake Unit 15 TWR West 907H	3001545062
Poker Lake Unit 16 TWR 101H	3001547370
Poker Lake Unit 16 TWR 102H	3001547221
Poker Lake Unit 16 TWR 103H	3001547409
Poker Lake Unit 16 TWR 105H	3001547222
Poker Lake Unit 16 TWR 108H	3001547371
Poker Lake Unit 16 TWR 121H	3001547213
Poker Lake Unit 16 TWR 122H	3001547372
Poker Lake Unit 16 TWR 123H	3001547224
Poker Lake Unit 16 TWR 125H	3001547373
Poker Lake Unit 16 TWR 128H	3001547374
POKER LAKE UNIT 13 DTD 102H (122H)	3001545816
POKER LAKE UNIT 13 DTD 102H (122H) POKER LAKE UNIT 13 DTD 104H (125H)	3001545838
POKER LAKE UNIT 13 DTD 104H (125H) POKER LAKE UNIT 13 DTD 106H (127H)	3001545838
POKER LAKE UNIT 13 DTD 108H (127H) POKER LAKE UNIT 13 DTD 108H (129H)	_
` ,	3001545839
POKER LAKE UNIT 13 DTD 121H (161H)	3001545825
POKER LAKE UNIT 13 DTD 122H (152H)	3001545820
POKER LAKE UNIT 13 DTD 123H (124H)	3001545841
POKER LAKE UNIT 13 DTD 124H (164H)	3001545840

POKER LAKE UNIT 13 DTD 126H (166H)	3001545822
POKER LAKE UNIT 13 DTD 127H (157H)	3001545823
POKER LAKE UNIT 13 DTD 128H (168H)	3001545824
POKER LAKE UNIT 13 DTD 202H (102H)	3001546250
POKER LAKE UNIT 13 DTD 204H (104H)	3001546248
POKER LAKE UNIT 13 DTD 206H (106H)	3001546251
POKER LAKE UNIT 13 DTD 208H (108H)	3001546252
POKER LAKE UNIT 13 DTD 701H (101H)	3001545842
POKER LAKE UNIT 13 DTD 703H (103H)	3001545843
POKER LAKE UNIT 13 DTD 705H (105H)	3001545827
POKER LAKE UNIT 13 DTD 707H (107H)	3001545828
POKER LAKE UNIT 13 DTD 901H (121H)	3001545844
POKER LAKE UNIT 13 DTD 903H (123H)	3001545845
POKER LAKE UNIT 13 DTD 905H (126H)	3001546106
POKER LAKE UNIT 13 DTD 907H (128H)	3001545829
POKER LAKE UNIT 18 TWR 102H	3001546426
POKER LAKE UNIT 18 TWR 103H (703H)	3001546546
POKER LAKE UNIT 18 TWR 104H	3001546550
POKER LAKE UNIT 18 TWR 105H	3001546556
POKER LAKE UNIT 18 TWR 103H	3001546622
POKER LAKE UNIT 18 TWR 107H  POKER LAKE UNIT 18 TWR 121H (701H)	3001546427
POKER LAKE UNIT 18 TWR 121H (701H)  POKER LAKE UNIT 18 TWR 122H (102H)	3001546428
` '	
POKER LAKE UNIT 18 TWR 124H (104H)	3001546551
POKER LAKE UNIT 18 TWR 125H (705H)	3001546552
POKER LAKE UNIT 18 TWR 126H (106H)	3001546557
POKER LAKE UNIT 18 TWR 127H (707H)	3001546909
POKER LAKE UNIT 18 TWR 128H (108H)	3001546606
POKER LAKE UNIT 18 TWR 152H	3001546429
POKER LAKE UNIT 18 TWR 153H	3001546532
POKER LAKE UNIT 18 TWR 154H	3001546471
POKER LAKE UNIT 18 TWR 155H	3001546549
POKER LAKE UNIT 18 TWR 157H	3001546605
POKER LAKE UNIT 18 TWR 158H	3001546553
POKER LAKE UNIT 18 TWR 162H	3001546431
POKER LAKE UNIT 17 TWR 102H	3001545937
POKER LAKE UNIT 17 TWR 106H	3001546655
POKER LAKE UNIT 17 TWR 107H	3001547082
POKER LAKE UNIT 17 TWR 108H	3001546731
POKER LAKE UNIT 17 TWR 701H	3001546658
POKER LAKE UNIT 17 TWR 702H	3001547083
POKER LAKE UNIT 17 TWR 703H	3001546718
POKER LAKE UNIT 17 TWR 704H	3001547020
POKER LAKE UNIT 17 TWR 705H	3001545922
POKER LAKE UNIT 17 TWR 707H	3001546659
POKER LAKE UNIT 17 TWR 901H	3001545931
POKER LAKE UNIT 17 TWR 903H	3001545924
POKER LAKE UNIT 17 TWR 905H	3001546717

Muy Wayno 18 Federal 102H	3001544838
Muy Wayno 18 Federal 103H	3001544846
Muy Wayno 18 Federal 104H	3001544839
Muy Wayno 18 Federal 121H	3001544840
Muy Wayno 18 Federal 122H	3001544841
Muy Wayno 18 Federal 123H	3001544842
Muy Wayno 18 Federal 161H	3001544844
Muy Wayno 18 Federal 163H	3001544845
Poker Lake Unit 18 BD 101H	3001544899
Poker Lake Unit 18 BD 103H	3001544891
Poker Lake Unit 18 BD 104H	3001544892
Poker Lake Unit 18 BD 121H	3001544893
Poker Lake Unit 18 BD 122H	3001544894
Poker Lake Unit 18 BD 124H	3001544896
Poker Lake Unit 18 BD 154H	3001544895
Poker Lake Unit 18 BD 161H	3001544897
Poker Lake Unit 18 BD 163H	3001544900
Poker Lake Unit 25 BD 103H (152H)	3001545846
, ,	3001545847
Poker Lake Unit 25 BD 104H (164H)	
Poker Lake Unit 25 BD 106H (126H)	3001545848
Poker Lake Unit 25 BD 108H (158H)	3001545849
Poker Lake Unit 25 BD 121H (161H)	3001545850
Poker Lake Unit 25 BD 122H (162H)	3001545852
Poker Lake Unit 25 BD 123H (153H)	3001545853
Poker Lake Unit 25 BD 124H (154H)	3001545855
Poker Lake Unit 25 BD 125H (105H)	3001545857
Poker Lake Unit 25 BD 126H (156H)	3001545858
Poker Lake Unit 25 BD 127H	3001545854
Poker Lake Unit 25 BD 128H (108H)	3001545851
Poker Lake Unit 25 BD 202H (102H)	3001546242
Poker Lake Unit 25 BD 203H (103H)	3001546232
Poker Lake Unit 25 BD 701H (122H)	3001545859
Poker Lake Unit 25 BD 703H (104H)	3001545860
Poker Lake Unit 25 BD 901H (121H)	3001545863
Poker Lake Unit 25 BD 903H (124H)	3001545864
Poker Lake Unit 25 BD 905H (125H)	3001545865
Poker Lake Unit 25 BD 907H (107H)	3001545866
POKER LAKE UNIT 20 BD 102H (152H)	3001545468
POKER LAKE UNIT 20 BD 121H (102H)	3001545620
POKER LAKE UNIT 20 BD 122H (122H)	3001545621
POKER LAKE UNIT 20 BD 123H (104H)	3001545622
POKER LAKE UNIT 20 BD 124H (124H)	3001545623
POKER LAKE UNIT 20 BD 125H (106H)	3001545624
POKER LAKE UNIT 20 BD 126H	3001545625
POKER LAKE UNIT 20 BD 127H (108H)	3001545626
POKER LAKE UNIT 20 BD 128H	3001545627
POKER LAKE UNIT 20 BD 701H (161H)	3001545492
\ - I	

POKER LAKE UNIT 20 BD 703H (163H)	3001545472
POKER LAKE UNIT 20 BD 901H (121H)	3001545474
POKER LAKE UNIT 20 BD 903H (123H)	3001545493
POKER LAKE UNIT 20BD 905H (125H)	3001545538
POKER LAKE UNIT 20BD 907H (127H)	3001545475
POKER LAKE UNIT 27 BD 102H	3001546245
POKER LAKE UNIT 27 BD 103H	3001546291
POKER LAKE UNIT 27 BD 104H	3001546292
POKER LAKE UNIT 27 BD 105H	3001546261
POKER LAKE UNIT 27 BD 121H	3001546264
POKER LAKE UNIT 27 BD 122H	3001546265
POKER LAKE UNIT 27 BD 124H	3001546290
POKER LAKE UNIT 27 BD 125H	3001546266
POKER LAKE UNIT 27 BD 126H	3001546255
POKER LAKE UNIT 27 BD 128H	3001546436
POKER LAKE UNIT 27 BD 152H	3001546257
POKER LAKE UNIT 27 BD 154H	3001546254
POKER LAKE UNIT 27 BD 158H	3001546259
POKER LAKE UNIT 27 BD 161H	3001546249
POKER LAKE UNIT 27 BD 163H	3001546247
POKER LAKE UNIT 27 BD 165H	3001546260
POKER LAKE UNIT 27 BD 167H	3001546258
POKER LAKE UNIT 28 BS 104H (125H)	3001547810
POKER LAKE UNIT 28 BS 106H (126H)	3001545507
POKER LAKE UNIT 28 BS 108H (158H)	3001545540
POKER LAKE UNIT 28 BS 121H (102H)	3001545480
POKER LAKE UNIT 28 BS 122H (152H)	3001547804
POKER LAKE UNIT 28 BS 124H (104H)	3001545483
POKER LAKE UNIT 28 BS 125H (105H)	3001545508
POKER LAKE UNIT 28 BS 126H (156H)	3001545484
POKER LAKE UNIT 28 BS 127H	3001545539
POKER LAKE UNIT 28 BS 128H (108H)	3001545485
POKER LAKE UNIT 28 BS 705H (154H)	3001545737
POKER LAKE UNIT 28 BS 707H (107H)	3001545732
POKER LAKE UNIT 28 BS 901H (121H)	3001547807
POKER LAKE UNIT 28 BS 903H (163H)	3001547818
POKER LAKE UNIT 28 BS 905H (165H)	3001545509
POKER LAKE UNIT 28 BS 907H (167H)	3001545491
POKER LAKE UNIT 28 21 BS 156H	3001548958
POKER LAKE UNIT 28 21 BS 107H	3001548954
POKER LAKE UNIT 28 21 BS 127H	3001548955
POKER LAKE UNIT 28 21 BS 103H	3001548960
POKER LAKE UNIT 28 21 BS 124H	3001548953
POKER LAKE UNIT 28 21 BS 104H	3001548952
POKER LAKE UNIT 28 21 BS 153H	3001548956
POKER LAKE UNIT 29 BS 102H (122H)	3001546175
POKER LAKE UNIT 29 BS 104H	3001545934

POKER LAKE UNIT 29 BS 106H (126H)	3001545914
POKER LAKE UNIT 29 BS 121H (102H)	3001545935
POKER LAKE UNIT 29 BS 122H (152H)	3001545916
POKER LAKE UNIT 29 BS 123H (124H)	3001546510
POKER LAKE UNIT 29 BS 124H (154H)	3001545932
POKER LAKE UNIT 29 BS 125H (105H)	3001545933
POKER LAKE UNIT 29 BS 127H	3001545917
POKER LAKE UNIT 29 BS 128H (108H)	3001545880
POKER LAKE UNIT 29 BS 701H (161H)	3001545918
POKER LAKE UNIT 29 BS 703H (103H)	3001545919
POKER LAKE UNIT 29 BS 705H (125H)	3001546174
POKER LAKE UNIT 29 BS 707H (107H)	3001545881
POKER LAKE UNIT 29 BS 901H (121H)	3001545936
POKER LAKE UNIT 29 BS 903H (163H)	3001545920
POKER LAKE UNIT 29 20 BS 108H	3001549183
POKER LAKE UNIT 29 20 BS 127H	3001549120
POKER LAKE UNIT 29 20 BS 158H	3001549114
POKER LAKE UNIT 29 20 BS 107H	3001549119
POKER LAKE UNIT 29 20 BS 104H	3001549117
POKER LAKE UNIT 29 20 BS 124H	3001549116
POKER LAKE UNIT 29 20 BS 154H	3001549115
POKER LAKE UNIT 29 20 BS 103H	3001549123
Poker Lake Unit 30 BS 105H (125H)	3001546939
Poker Lake Unit 30 BS 107H (127H)	3001546948
Poker Lake Unit 30 BS 125H (905H)	3001546949
Poker Lake Unit 30 BS 128H	3001546945
Poker Lake Unit 30 BS 167H (907H)	3001547099
Poker Lake Unit 30 BS 101H (121H)	3001546940
Poker Lake Unit 30 BS 103H (123H)	3001546936
Poker Lake Unit 30 BS 121H (901H)	3001546941
Poker Lake Unit 30 BS 122H (102H)	3001546942
Poker Lake Unit 30 BS 124H	3001546943
Brushy Draw 30 Federal 102H	3001545186
Brushy Draw 30 Federal 104H	3001545187
Brushy Draw 30 Federal 106H	3001545188
Brushy Draw 30 Federal 121H	3001545189
Brushy Draw 30 Federal 122H	3001545190
Brushy Draw 30 Federal 123H	3001545191
Brushy Draw 30 Federal 125H	3001545192
Brushy Draw 30 Federal 126H	3001545193
Brushy Draw 30 Federal 701H	3001545194
Brushy Draw 30 Federal 703H	3001545195
Brushy Draw 30 Federal 901H	3001545157
Brushy Draw 30 Federal 903H	3001545158
Brushy Draw 31 Federal 124H	3001545197
Brushy Draw 31 Federal 127H	3001545198
Brushy Draw 31 Federal 705H	3001545200
2.45.17 2.41 52 1 caciai 7 5511	33013 13200

Brushy Draw 31 Federal 707H	3001545201
Brushy Draw 31 Federal 905H	3001545159
Poker Lake Unit 31-30 BD 128H	3001545199
Poker Lake Unit 31-30 BD 907H	3001545160
Poker Lake Unit 16 TWR CVB 104H	3001547410
Poker Lake Unit 16 TWR CVB 106H	3001547223
Poker Lake Unit 16 TWR CVB 107H	3001547219
Poker Lake Unit 16 TWR CVB 124H	3001549440
Poker Lake Unit 16 TWR CVB 126H	3001547412
Poker Lake Unit 16 TWR CVB 127H	3001547413
Poker Lake Unit 16 TWR CVB 154H	3001547415
Poker Lake Unit 16 TWR CVB 156H	3001549450
Poker Lake Unit 16 TWR CVB 167H	3001547225
POKER LAKE UNIT 17 TWR 907H	3001546657
POKER LAKE UNIT 17 TWR 121H	3001545923
POKER LAKE UNIT 17 TWR 122H	3001545925
POKER LAKE UNIT 17 TWR 123H	3001545926
POKER LAKE UNIT 17 TWR 124H	3001545927
POKER LAKE UNIT 17 TWR 126H	3001546712
POKER LAKE UNIT 17 TWR 127H	3001546656
POKER LAKE UNIT 17 TWR 128H	3001546719
POKER LAKE 23 DTD FEDERAL COM 103H	3001549640
POKER LAKE 23 DTD FEDERAL COM 105H	3001550129
POKER LAKE 23 DTD FEDERAL COM 123H	3001549641
POKER LAKE 23 DTD FEDERAL COM 125H	3001549644
POKER LAKE 23 DTD FEDERAL COM 128H	3001549645
POKER LAKE 23 DTD FEDERAL COM 154H	3001549646
POKER LAKE 23 DTD FEDERAL COM 155H	3001549647
POKER LAKE 23 DTD FEDERAL COM 175H	3001549651
POKER LAKE 23 DTD FEDERAL COM 176H	3001549652
Poker Lake Unit 21 BD 121H	3001545513
Poker Lake Unit 21 BD 122H	3001545696
Poker Lake Unit 21 BD 123H	3001545514
Poker Lake Unit 21 BD 124H	3001545515
Poker Lake Unit 21 BD 701H	3001545699
Poker Lake Unit 21 BD 901H	3001545477
Poker Lake Unit 21 BD 903H	3001545703
Poker Lake Unit 21 BD 102H	3001545476
Poker Lake Unit 21 BD 104H	3001545512
Poker Lake Unit 21 BD 703H	3001545702
Poker Lake Unit 21 BD 905H	3001545698
Poker Lake Unit 21 BD 907H	3001545701
Poker Lake Unit 21 BD 125H	3001545516
Poker Lake Unit 21 BD 126H	3001545517
Poker Lake Unit 21 BD 127H	3001545518
Poker Lake Unit 21 BD 128H	3001545519
POKER LAKE UNIT 26 BD 126H	3001547979

POKER LAKE UNIT 26 BD 127H	3001547980
POKER LAKE UNIT 26 BD 156H	3001547989
POKER LAKE UNIT 26 BD 167H	3001547982
POKER LAKE UNIT 26 BD 104H	3001549413
POKER LAKE UNIT 26 BD 124H	3001547710
POKER LAKE UNIT 26 BD 125H	3001547709
POKER LAKE UNIT 26 BD 105H	3001547716
POKER LAKE UNIT 26 BD 154H	3001547990
POKER LAKE UNIT 26 BD 103H	3001547717
POKER LAKE UNIT 26 BD 123H	3001547711
POKER LAKE UNIT 26 BD 163H	3001547984
POKER LAKE UNIT 26 BD 121H	3001547713
POKER LAKE UNIT 26 BD 101H	3001547718
POKER LAKE UNIT 26 BD 128H	3001547981
POKER LAKE UNIT 26 BD 108H	3001547714
James Ranch Unit DI2 701H	3001548534
James Ranch Unit DI2 702H	3001548533
James Ranch Unit DI2 703H	3001548532
James Ranch Unit DI2 704H	3001548531
James Ranch Unit DI2 705H	3001545402
James Ranch Unit DI2 706H	3001545400
James Ranch Unit DI2 707H	3001545401
James Ranch Unit DI2 708H	3001545326

**ENERGY SOLUTIONS** 

Print Date Time: 06/27/2023 14:54

Analyzed By: Gustavo Espinosa

Meter ID: Cowboy- outlet of slugcatcher

Analysis Time: 06/27/2023 14:38 Sample Type: Spot

Flowing Temp.: 105 Deg. F Flowing Pressure: 1092.0 psig Calibration Elevation: 2623 ft Location Elevation: 3420 ft

Comp	UnNorm %	Normal %	Liquids (USgal/MCF)	Ideal (Btu/SCF	Rel.Density
	/6	/6	(USgai/MCF)	(BCU/SCF	-)
 Propane	4.90423	5.24046	1.44879	131.85510	0.07979
IsoButane	0.72921	0.77921	0.25588	25.33916	0.01564
Butane	1.65552	1.76905	0.55967	57.71186	0.03550
NeoPentane	0.00000	0.00000	0.00000	0.00000	0.00000
IsoPentane	0.42205	0.45099	0.16551	18.04369	0.01123
Pentane	0.46692	0.49894	0.18149	20.00116	0.01243
Hexane+	0.67372	0.71991	0.29708	34.23810	0.02142
Nitrogen	0.71958	0.76889	0.08489	0.00000	0.00744
Methane	73.43594	78.46874	13.34932	792.53418	0.43464
Carbon Dioxide	0.14145	0.15114	0.02588	0.00000	0.00230
Ethylene	0.00000	0.00000	0.00000	0.00000	0.00000
Ethane	10.43700	11.15237	2.99298	197.36345	0.11578
Hexanes	0.00000	0.00000	0.00000	0.00000	0.00000
Heptanes	0.00000	0.00000	0.00000	0.00000	0.00000
Octanes	0.00000	0.00000	0.00000	0.00000	0.00000
Nonanes	0.00000	0.00000	0.00000	0.00000	0.00000
Decanes	0.00000	0.00000	0.00000	0.00000	0.00000
Undecanes	0.00000	0.00000	0.00000	0.00000	0.00000
Ethane-	0.00000	0.00000	0.00000	0.00000	0.00000
Propane+	0.00000	0.00000	0.00000	0.00000	0.00000
Hydrogen Sulfide	0.00030	0.00030	0.00004	0.00191	0.00000
Water	0.00000	0.00000	0.00000	0.00000	0.00000
Helium	0.00000	0.00000	0.00000	0.00000	0.00000
Hydrogen	0.00000	0.00000	0.00000	0.00000	0.00000

Total 93.58562 100.00000 19.36154 1277.08862 0.73866

Elevation (-797ft) 1.23010

Inferior Wobbe 1470.9423 (Btu/SCF) Superior Wobbe 1494.9471 (Btu/SCF) Compressibility 0.9963 Density (1bm/ft3) 0.0565 Real Rel. Density 0.7387 Ideal CV 1277.0886 (Btu/SCF) Wet CV 1262.5330 (Btu/SCF) Dry CV 1284.8445 (Btu/SCF) Contract Temp. 60.0000 (deg F) Contract Press. 14.7300 (psia)

Number of Cycles 3 Connected Stream 1

Atmospheric Pressure 13.2 Comments: Took H2S stain tube sample, H2S was @ 3



Number: 5030-23110700-003A

**Midland Laboratory** 

2200 East I-20 Midland, TX 79706 Phone 432-689-7252

Station Name: POKER LAKE UNIT CVX JV PC 1H

Sample Point: SEP

Cylinder No: 5030-02466

Analyzed: 12/01/2023 09:13:40 by DMA

Dec. 12, 2023
Sampled By: SAM LUCAS
Sample Of: Gas Spot
Sample Date: 11/30/2023 10:45

Sample Conditions: 160 psig, @ 79 °F Method: GPA 2286

### **Analytical Data**

Components	Mol. %	Wt. %	GPM at 14.65 psia			
Hydrogen Sulfide	0.00000	0.000		GPM TOTAL C2+	4.849	
Nitrogen	3.18800	3.631		GPM TOTAL C3+	2.372	
Methane	65.57900	42.771	0.000	GPM TOTAL iC5+	0.481	
Carbon Dioxide	14.12600	25.274	0.000			
Ethane	9.28000	11.344	2.477			
Propane	4.74100	8.499	1.304			
Iso-butane	0.54700	1.293	0.178			
n-Butane	1.29900	3.069	0.409			
Iso-pentane	0.32800	0.962	0.120			
n-Pentane	0.35800	1.050	0.130			
Hexanes Plus	0.55400	2.107	0.231			
	100.00000	100.000	4.849			
Calculated Physica	I Properties	To	otal	C6+		
Relative Density Rea	al Gas	0.85	521	3.2244		
Calculated Molecula	r Weight	24	.60	93.39		
Compressibility Factor		0.99	962			
<b>GPA 2172 Calculati</b>						
<b>Calculated Gross B</b>	4.65 psia & 6	0°F				
Real Gas Dry BTU Water Sat. Gas Base BTU		10	062	5019		
		10	)44	4931		
Net BTU Dry Gas - real gas		Ş	964			
Comments: H2S F	ield Content 1 p	opm				

Mountaite

Data reviewed by: Marco Barrientos, Laboratory Supervisor

Quality Assurance:

The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.



Number: 5030-23110700-003A

**Midland Laboratory** 

2200 East I-20 Midland, TX 79706 Phone 432-689-7252

Station Name: POKER LAKE UNIT CVX JV PC 1H

Sample Point: SEP

Cylinder No: 5030-02466

Analyzed: 12/01/2023 09:13:40 by DMA

Dec. 12, 2023
Sampled By: SAM LUCAS
Sample Of: Gas Spot
Sample Date: 11/30/2023 10:45

Sample Conditions: 160 psig, @ 79 °F Method: GPA 2286

### **Analytical Data**

Components	Mol. %	Wt. %	GPM at 14.65 psia			
Hydrogen Sulfide	0.000	0.000		GPM TOTAL C2+	4.8490	
Nitrogen	3.188	3.631		GPM TOTAL C3+	2.3720	
Methane	65.579	42.771		GPM TOTAL iC5+	0.4810	
Carbon Dioxide	14.126	25.274				
Ethane	9.280	11.344	2.477			
Propane	4.741	8.499	1.304			
Iso-Butane	0.547	1.293	0.178			
n-Butane	1.299	3.069	0.409			
Iso-Pentane	0.328	0.962	0.120			
n-Pentane	0.358	1.050	0.130			
Hexanes	0.236	0.863	0.101			
Heptanes Plus	0.318	1.244	0.130			
	100.000	100.000	4.849			
Calculated Physica	l Properties		Total	C7+		
Relative Density Rea	al Gas		0.8521	3.4517		
Calculated Molecula	r Weight		24.60	99.97		
Compressibility Factor		0.9962				
<b>GPA 2172 Calculat</b>	ion:					
Calculated Gross E	BTU per ft³ @	14.65 psi	a & 60°F			
Real Gas Dry BTU	. •	-	1062.1	5292.9		
Water Sat. Gas Base BTU		1043.5	5184.0			
Comments: H2S F	ield Content	1 ppm				

Mountain

Data reviewed by: Marco Barrientos, Laboratory Supervisor

Quality Assurance:

The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.



Number: 5030-23110700-003A

**Midland Laboratory** 

2200 East I-20 Midland, TX 79706 Phone 432-689-7252

Station Name: POKER LAKE UNIT CVX JV PC 1H

Sample Point: SEP

Cylinder No: 5030-02466

Analyzed: 12/01/2023 09:13:40 by DMA

Dec. 12, 2023
Sampled By: SAM LUCAS
Sample Of: Gas Spot
Sample Date: 11/30/2023 10:45
Sample Conditions: 160 psig, @ 79 °F

Method: GPA 2286

### **Analytical Data**

Components	Mol. %	Wt. %	GPM at 14.65 psia			
Hydrogen Sulfide	0.000	0.000		GPM TOTAL C2+	4.849	
Nitrogen	3.188	3.631				
Methane	65.579	42.771				
Carbon Dioxide	14.126	25.274				
Ethane	9.280	11.344	2.477			
Propane	4.741	8.499	1.304			
Iso-Butane	0.547	1.293	0.178			
n-Butane	1.299	3.069	0.409			
Iso-Pentane	0.328	0.962	0.120			
n-Pentane	0.358	1.050	0.130			
i-Hexanes	0.147	0.519	0.061			
n-Hexane	0.089	0.344	0.040			
Benzene	0.015	0.047	0.004			
Cyclohexane	0.022	0.078	0.008			
i-Heptanes	0.105	0.397	0.043			
n-Heptane	0.029	0.121	0.014			
Toluene	0.015	0.059	0.005			
i-Octanes	0.068	0.290	0.030			
n-Octane	0.012	0.054	0.006			
Ethylbenzene	0.002	0.010	0.001			
Xylenes	0.008	0.031	0.003			
i-Nonanes	0.023	0.083	0.009			
n-Nonane	0.004	0.021	0.002			
Decane Plus	0.015	0.053	0.005			
	100.000	100.000	4.849			
Calculated Physica			Total	C10+		
Relative Density Rea			0.8521	4.4966		
Calculated Molecula			24.60	130.23		
Compressibility Fact			0.9962			
GPA 2172 Calculat						
Calculated Gross E	BTU per ft³ @	) 14.65 psia				
Real Gas Dry BTU			1062.1	6825.8		
Water Sat. Gas Bas	e BTU		1043.5	6681.0		

Mountaite

Data reviewed by: Marco Barrientos, Laboratory Supervisor

Quality Assurance:

The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.

Comments: H2S Field Content 1 ppm



Number: 5030-23110700-002A

**Midland Laboratory** 

2200 East I-20 Midland, TX 79706 Phone 432-689-7252

Station Name: POKER LAKE UNIT CVX JV BS 025H

Sample Point: WELLHEAD Cylinder No: 5030-01487

Analyzed: 12/04/2023 15:39:27 by DMA

Dec. 12, 2023
Sampled By: SAM LUCAS
Sample Of: Gas Spot
Sample Date: 11/30/2023 11:59
Sample Conditions: 800 psig, @ 82 °F

Method: GPA 2286

### **Analytical Data**

Components	Mol. %	Wt. %	GPM at 14.65 psia			
Hydrogen Sulfide	0.00000	0.000		GPM TOTAL C2+	5.588	
Nitrogen	0.85100	1.176		GPM TOTAL C3+	1.851	
Methane	78.78100	62.334	0.000	GPM TOTAL iC5+	0.206	
Carbon Dioxide	0.03400	0.074	0.000			
Ethane	14.00800	20.775	3.737			
Propane	4.64100	10.094	1.276			
Iso-butane	0.40900	1.172	0.134			
n-Butane	0.74900	2.147	0.235			
Iso-pentane	0.11800	0.420	0.043			
n-Pentane	0.11800	0.420	0.043			
Hexanes Plus	0.29100	1.388	0.120			
	100.00000	100.000	5.588			
Calculated Physica	I Properties	Т	otal	C6+		
Relative Density Rea	al Gas	0.7	021	3.3208		
Calculated Molecula	r Weight	20	0.28	96.18		
Compressibility Fact	or	0.9	967			
<b>GPA 2172 Calculati</b>	on:					
<b>Calculated Gross B</b>	BTU per ft³ @ 1	4.65 psia & (	60°F			
Real Gas Dry BTU		1	223	5107		
Water Sat. Gas Base	e BTU	1	201	5017		
Net BTU Dry Gas - real gas		1	108			
Comments: H2S F	ield Content 0 p	opm				

Mountaite

Data reviewed by: Marco Barrientos, Laboratory Supervisor

Quality Assurance:

The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.



Number: 5030-23110700-002A

**Midland Laboratory** 

2200 East I-20 Midland, TX 79706 Phone 432-689-7252

Dec. 12, 2023 Station Name: POKER LAKE UNIT CVX JV BS 025H Sampled By: SAM LUCAS

Sample Point: WELLHEAD Cylinder No: 5030-01487

Analyzed: 12/04/2023 15:39:27 by DMA

Sampled By: SAM LUCAS
Sample Of: Gas Spot
Sample Date: 11/30/2023 11:59
Sample Conditions: 800 psig, @ 82 °F
Method: GPA 2286

**Analytical Data** 

			7 (1141)	iloui Butu		
Components	Mol. %	Wt. %	GPM at 14.65 psia			
Hydrogen Sulfide	0.000	0.000		GPM TOTAL C2+	5.5880	
Nitrogen	0.851	1.176		GPM TOTAL C3+	1.8510	
Methane	78.781	62.334		GPM TOTAL iC5+	0.2060	
Carbon Dioxide	0.034	0.074				
Ethane	14.008	20.775	3.737			
Propane	4.641	10.094	1.276			
Iso-Butane	0.409	1.172	0.134			
n-Butane	0.749	2.147	0.235			
Iso-Pentane	0.118	0.420	0.043			
n-Pentane	0.118	0.420	0.043			
Hexanes	0.075	0.320	0.031			
Heptanes Plus	0.216	1.068	0.089			
	100.000	100.000	5.588			
Calculated Physica	I Properties		Total	C7+		
Relative Density Rea	al Gas		0.7021	3.4531		
Calculated Molecula	r Weight		20.28	100.01		
Compressibility Factor			0.9967			
<b>GPA 2172 Calculati</b>						
<b>Calculated Gross E</b>	BTU per ft³ @	14.65 psi	a & 60°F			
Real Gas Dry BTU			1222.7	5255.4		
Water Sat. Gas Base BTU			1201.3	5147.3		
Commenter HOCE		0 000				

Comments: H2S Field Content 0 ppm

Mountaite

Data reviewed by: Marco Barrientos, Laboratory Supervisor

The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.

Quality Assurance:



Number: 5030-23110700-002A

**Midland Laboratory** 

2200 East I-20 Midland, TX 79706 Phone 432-689-7252

Station Name: POKER LAKE UNIT CVX JV BS 025H

Sample Point: WELLHEAD Cylinder No: 5030-01487

Analyzed: 12/04/2023 15:39:27 by DMA

Dec. 12, 2023
Sampled By: SAM LUCAS
Sample Of: Gas Spot
Sample Date: 11/30/2023 11:59
Sample Conditions: 800 psig, @ 82 °F

Method: GPA 2286

### **Analytical Data**

Components	Mol. %	Wt. %	GPM at 14.65 psia			
Hydrogen Sulfide	0.000	0.000		GPM TOTAL C2+	5.588	
Nitrogen	0.851	1.176				
Methane	78.781	62.334				
Carbon Dioxide	0.034	0.074				
Ethane	14.008	20.775	3.737			
Propane	4.641	10.094	1.276			
Iso-Butane	0.409	1.172	0.134			
n-Butane	0.749	2.147	0.235			
Iso-Pentane	0.118	0.420	0.043			
n-Pentane	0.118	0.420	0.043			
i-Hexanes	0.043	0.184	0.018			
n-Hexane	0.032	0.136	0.013			
Benzene	0.012	0.048	0.003			
Cyclohexane	0.037	0.135	0.011			
i-Heptanes	0.043	0.197	0.017			
n-Heptane	0.015	0.072	0.007			
Toluene	0.015	0.070	0.005			
i-Octanes	0.051	0.269	0.023			
n-Octane	0.007	0.042	0.004			
Ethylbenzene	0.001	0.008	0.001			
Xylenes	0.008	0.043	0.003			
i-Nonanes	0.010	0.073	0.006			
n-Nonane	0.004	0.022	0.002			
Decane Plus	0.013	0.089	0.007			
	100.000	100.000	5.588			
Calculated Physica			Total	C10+		
Relative Density Re			0.7021	4.5445		
Calculated Molecula			20.28	131.62		
Compressibility Fact			0.9967			
GPA 2172 Calculat						
Calculated Gross E	BTU per ft³ @	) 14.65 psia	a & 60°F			
Real Gas Dry BTU			1222.7	6883.1		
Water Sat. Gas Bas	e BTU		1201.3	6740.2		

Comments: H2S Field Content 0 ppm

Data reviewed by: Marco Barrientos, Laboratory Supervisor

The above analyses are performed in accordance with ASTM, UOP, GPA guidelines for quality assurance, unless otherwise stated.

Quality Assurance:

Close Loop Gas Capture (CLGC) Project

- 1. The operator examined the available geologic and engineering data and found no evidence of open faults or other hydrologic connections between the disposal zone and any underground source of drinking water.
- 2. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.

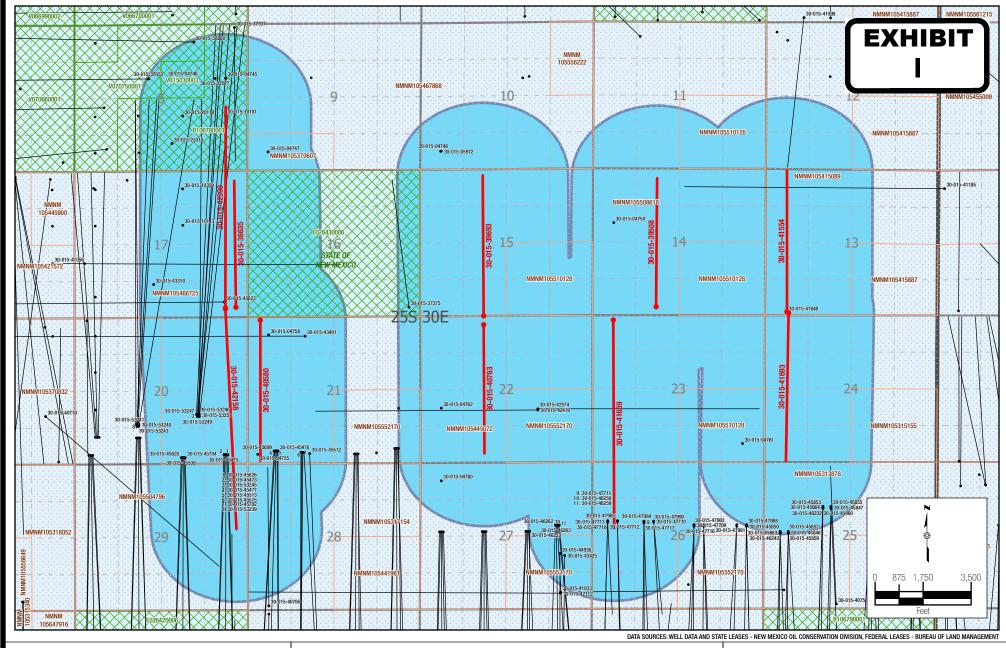
Owen Hehmeyer, Ph.D.

Principal Reservoir Engineer

2/5/2024

Carlos Jose Lopez, Ph.D.

Geologist





505 Pecan Street, Suite 201, Fort Worth, TX 76102 Ph: 972.972.4250 manhard.com Texas Board of Professional Engineers & Land Surveyors Reg. No. F-10194754 (Surv), F-22053 (Eng)

© 2023 MANHARD CONSULTING, ALL RIGHTS RESERVED

### AN AREA OF REVIEW (AOR) MAP FOR XTO PERMIAN OPERATING, LLC **POKER LAKE UNIT CVX JV CLOSED LOOP GAS CAPTURE PILOT PROJECT**

CHECKED BY: SCALE: 11/9/2023 1":3.500" 618.013003.00 DRAWN BY: FIELD CREW: REVISION NUMBER: BSM N/A 2 OF 2

**CLGC Injection Surface** 

**CLGC Injection Wellbore** Surface Location

Wellbore

1/2 Mile AOR 2 Mile Buffer State Lease

Federal Lease

Released to Imaging: 6/13/2024 8:21:38 AM



505 Pecan Street, Suite 201, Fort Worth, TX 76102 Ph: 972.972.4250 manhard.com Texas Board of Professional Engineers & Land Surveyors Reg. No. F-10194754 (Surv), F-22053 (Eng)

© 2023 MANHARD CONSULTING, ALL RIGHTS RESERVED

# **POKER LAKE UNIT CVX JV CLOSED LOOP GAS CAPTURE PILOT PROJECT**

CHECKED BY: 11/9/2023 1":6.000" 618.013003.00 FIELD CREW: REVISION NUMBER: DRAWN BY: BSM N/A 1 0F 2

**CLGC Injection Surface** CLGC Injection Wellbore

Surface Location

Wellbore

2 Mile Buffer State Lease

Federal Lease

Released to Imaging: 6/13/2024 8:21:38 AM

API#

Current Operator

Lease Name and Well Number

Well Type Status

30.015-59238   POCO RESOURCE LUC   POCRETACE UNIT STATE ROBES   OI	API#	Current Operator	Lease Mairie and Well Mulliber	well Type	Status	Suit Location	Date Dillieu	10 (17033)	Total Deptil (MD)	Current Production Poor
NOT   PERMIAND OPERATING   POKER LAKE UNIT 20 BD #800H   OI	30-015-25318	POCO Resources LLC	POKER LAKE UNIT STATE #068	Oil	Active	O-08-25S-30E	12/09/1985	3767	3767	[13360] CORRAL CANYON,
30.01-5.0138   IRC ONGARD WELL   PRE ONGARD WELL 4007   OI   New   0-20-25-530E   1/09/2020   O   O   SPRING, SOUTH-   1982201   PURPLE   30.015-10.018   PRE ONGARD WELL 4007   OI   Pugged 181e   J-08-25-530E   OI/01/1900   O   O   O   O   O   O   O   O   O	30-015-45628	XTO PERMIAN OPERATING	POKER LAKE UNIT 20 BD #705H	Oil	New	O-20-25S-30E		0	0	[13354] CORRAL CANYON, BONE
30-01-5-1018   PRE-ONGARD WELL   PRE-ONGARD WELL BOT   PRE-ONGAR		XTO PERMIAN OPERATING								[13354] CORRAL CANYON, BONE
30-01-5-1018   PRE-ONGARD WELL   PRE-ONGARD WELL BOT   PRE-ONGAR	30-015-45538	LLC.	POKER LAKE UNIT 20 BD #905H	Oil	New	O-20-25S-30E	11/09/2020	0	0	SPRING, SOUTH; [98220] PURPLE
30015-3039 PE-CONCARD WELL PRE-CONCARD PRE-			PRE-ONGARD WELL #001	Oil	Plugged (site	G-17-25S-30E	01/01/1900	0	0	
30-15-13295 PRE-ONCARD WELL 30-15-1376 (MINT PERBATING LIC 30-	30-015-20116	PRE-ONGARD WELL	PRE-ONGARD WELL #037					0	0	1
30-015-4692 MAY OPERATING LC   ANAGAN STATE R001   01   Reclamation Fund   G-08-25-30E   07/57/1960   3775   13360] CORRAL CANYON, 30-015-46925 XT OPERMAN OPERATING   OXER LAKE UNIT 20 80 9126H   635   New   0.20-25-30E   0   0   (98220] PURPLE SAGE, WOLKCAMP 30-015-46925 XT OPERMAN OPERATING   OXER LAKE UNIT 20 80 9126H   635   New   0.20-25-30E   0   0   (98220] PURPLE SAGE, WOLKCAMP 30-015-3692E   OXER LAKE UNIT 20 80 9126H   635   New   0.20-25-30E   0   0   (98220] PURPLE SAGE, WOLKCAMP 30-015-3692E   OXER LAKE UNIT 20 80 9126H   OXER LAKE UNIT 20 80 9127H   OXER LAKE UNIT 20 80 9128H			II.					0	0	
30-015-36524 XTO PERMIAN OPERATING   OKER LAKE UNIT 20 BD 125H   Gas   New   O.20-25S-30E   O   O   98220] PURPLE SAGE, WOLFCAMP   OKER ASSESSION   O   O   OKER ASSESSION   OKER ASSE					, ,			_	3775	[13360] CORRAL CANYON.
30-015-36252 NO PERMIAN OPERATING   POKER LAKE UNIT 20 BD 4120H   Gas   New   O.20-255-30E   O   O   98220] PURPIE SAGE, WOLFCAMP   O   0.015-3707   O   0.015-3707   O   0   0.015-3707   O   0   0.015-3707   O   0   0   0   0   0   0   0   0   0							20, 20, 2000			•
30-015-34704   TO PERMIAN OPERATING   OPERAL AKE UNIT 20 BD #1004H   OII   Cancelled   C-29-25-30E   O   O   O   O	-							•	-	
30-015-37602   DPCD, L.P.   DOKER LAKE UNIT 8007   OII					_			0	-	<u>  -                                   </u>
30-015-347260   COG OPERATING LIC   EGGS STATE COM #00.01   Active   H-08-255-30E   COZ   1/2/2011   13837   13837   197801   WILDCAT S253008B, BONE 300-15-34707   WILDCAT S253008B, BONE 300-15-34573   LC.   COM #00.01   Active   H-08-255-30E   COZ   COZ   COM #00.00   More   H-08-255-30E   COZ								0	-	[38220] I ON LE SAGE, WOLI CAIVII
30-015-34737   POCO Resources LLC   SIANT SUPERIOR STATE #001   Oil   New   P-20-255-30E   O   O   O   SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMPON, BONE   SOUTH-SPATING   POKER LAKE UNIT 20 BD #907H   Oil   New   P-20-255-30E   O   O   O   SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMPON, BONE   SPRING, SOUTH; [98230] PURPLE SAGE, WOLFCAMPON, BONE   SPRING, SOUTH; SPRING, BONE   S		1					02/12/2011	12027		[070C4] WILL DOAT C252000D DONE
NO PERMIAN OPERATING   SOLIS-45475   ILC.   NO   New   P-20-255-30E   O   O   SPRING, SOUTH; [98220] PURPLE 30-015-45475   RTO.   POKER LAKE UNIT 20 BD #907H   Oii   New   P-20-255-30E   O   O   SPRING, SOUTH; [98220] PURPLE 30-015-45475   RTO.   POKER LAKE UNIT 20 BD #707H   Oii   New   P-20-255-30E   O   O   SPRING, SOUTH; [98220] PURPLE 30-015-45475   RTO.   POKER LAKE UNIT 20 BD #707H   Oii   New   P-20-255-30E   O   O   SPRING, SOUTH; [98220] PURPLE 30-015-45476   RTO.   RECOMMENDED 10   Reclamation Fund   H-08-255-30E   O   O   O   SPRING, SOUTH; [98220] PURPLE 364E, WOLFCAMP   OII   Reclamation Fund   H-08-255-30E   O   O   O   SPRING, SOUTH; [98220] PURPLE 364E, WOLFCAMP   OF POKER LAKE UNIT 20 BD #127H   Oss   New   P-20-255-30E   O   O   O   SPRING, SOUTH,				_						
30-015-45475   ILC.   POKER LAKE UNIT 20 BD #070TH   OII   New   P-20-255-30E   0   0   SPRING, SOUTH; [98220] PURPLE 30-015-54747   NTO PERMIAN OPERATING   POKER LAKE UNIT 20 BD #707TH   OII   New   P-20-255-30E   0   0   13354] CORRAL CANYON, 30-015-10181   POCO Resources LLC   SUPERIOR STATE #002   OII   Reclamation Fund   +08-255-30E   02/27/1963   3763   3763   13360] CORRAL CANYON, 30-015-10181   POCO Resources LLC   SUPERIOR STATE #002   OII   Reclamation Fund   +08-255-30E   02/27/1963   3763   3763   13360] CORRAL CANYON, 30-015-40181   POCO Resources LLC   SUPERIOR STATE #002   OII   Reclamation Fund   +08-255-30E   O   O   (98220] PURPLE \$46E, WOLFCAMP   30-015-45470   XTO PERMIAN OPERATING   POKER LAKE UNIT 20 BD #129H   Gas   New   P-20-255-30E   O   O   (98220] PURPLE \$46E, WOLFCAMP   30-015-45470   XTO PERMIAN OPERATING   POKER LAKE UNIT 21 BD #1019H   OII   Active   P-17-255-30E   O/16/2014   10152   17992   SPRING, SOUTH; [96238] CORRAL CANYON, BONE   30-015-4295   XTO PERMIAN OPERATING   POKER LAKE UNIT 20 BD #128H   Gas   New   P-20-255-30E   O   O   (98220) PURPLE \$46E, WOLFCAMP   30-015-4295   XTO PERMIAN OPERATING   POKER LAKE UNIT 20 BD #128H   Gas   New   P-20-255-30E   O   O   (98220) PURPLE \$46E, WOLFCAMP   30-015-4295   XTO PERMIAN OPERATING   POKER LAKE UNIT 20 BD #128H   Gas   New   P-20-255-30E   O   O   (98220) PURPLE \$46E, WOLFCAMP   SPRING, SOUTH; [96238] CORRAL CANYON, BONE   30-015-4295   XTO PERMIAN OPERATING   POKER LAKE UNIT 20 BD #128H   Gas   New   P-20-255-30E   O/16/2010   8097   12700   SPRING, SOUTH; [96238] CORRAL CANYON, BONE   SPRING, SOUTH; [96238] CORRAL CANYON, BONE   SPRING, SOUTH; [96239] CORRAL CANYON, BONE   SPRING, SOUTH; [96239] CORRAL CANYON, BONE   SPRING, SOUTH; [96239] CORRAL CANYON, BONE   SPRING, SOUTH; [96230] WOLF CANYON, BONE   SPRING, SOUTH; [96220] WOLF CANYON, BONE   SPRING	30-015-37077		GIANT SUPERIOR STATE #UU1	OII	Active	H-08-255-30E	06/25/2009	6000	6000	
30-015-49745   DOKE NAKE UNIT 20 BD #707H   OII   New   P-20-255-30E   O   O   13354] CORRAL CANYON, BONE   30-015-40745   DOKE NAKE UNIT 20 BD #707H   OII   Reclamation Fund   H-08-255-30E   O   O   13354] CORRAL CANYON, ONE   30-015-40785   DOKE NAKE UNIT 20 BD #127H   Gas   New   P-20-255-30E   O   O   19320] PURPLE SAGE, WOLFCAMP   30-015-40285   TO PERMIAN OPERATING   DOKER LAKE UNIT 20 BD #127H   Gas   New   P-20-255-30E   O   O   19320] PURPLE SAGE, WOLFCAMP   30-015-40285   LC.   Month of the state of the stat					l					1 -
30-015-04745   POCC Resources LLC   SUPERIOR STATE #001   Oil   Reclamation Fund   H-08-255-30E   08/25/1962   3008   3008   13360] CORRAL CANYON, 30-015-10181   POCC Resources LLC   SUPERIOR STATE #002   Oil   Reclamation Fund   H-08-255-30E   0.0   0.0   99220] PURPLE \$AGE, WOLFCAMP   30-015-43651   XTO PERMIAN OPERATING   POCKE LAKE UNIT 20 BD #127H   Gas   New   P-20-255-30E   O   0   0   99220] PURPLE \$AGE, WOLFCAMP   30-015-43651   XTO PERMIAN OPERATING   POCKE LAKE UNIT 20 BD #127H   Gas   New   P-20-255-30E   O   O   0   99220] PURPLE \$AGE, WOLFCAMP   30-015-43651   XTO PERMIAN OPERATING   POCKE LAKE UNIT 20 BD #128H   Oil   Active   P-17-255-30E   O   O   0   99220] PURPLE \$AGE, WOLFCAMP   Active   P-17-255-30E   O   O   O   99220] PURPLE \$AGE, WOLFCAMP   Active   P-17-255-30E   O   O   O   99220] PURPLE \$AGE, WOLFCAMP   Active   P-17-255-30E   O   O   O   O   99220] PURPLE \$AGE, WOLFCAMP   Active   P-17-255-30E   O   O   O   O   O   O   O   O   O								0	0	
30-015-49562  DOCR RESOURCES LLC   SUPERIOR STATE #0002   Oil   Reclamation Fund   -08-255-30E   0   O   O   SP3220] PURPLE SAGE, WOLFCAMPON, 30-015-49562  XTO PERMIAN OPERATING   POKER LAKE UNIT 20 BD #109H   Gas   New   P-20-255-30E   O   O   O   SP3220] PURPLE SAGE, WOLFCAMP   30-015-43651   XTO PERMIAN OPERATING   POKER LAKE UNIT 20 BD #109H   Gas   New   P-20-255-30E   O   O   O   SP3220] PURPLE SAGE, WOLFCAMP   30-015-43651   XTO PERMIAN OPERATING   POKER LAKE UNIT 20 BD #109H   Gas   New   P-20-255-30E   O   O   O   SP3220] PURPLE SAGE, WOLFCAMP   30-015-43651   XTO PERMIAN OPERATING   POKER LAKE UNIT 20 BD #109H   Gas   New   P-17-255-30E   O   O   O   SP3220] PURPLE SAGE, WOLFCAMP   S0-015-43651   XTO PERMIAN OPERATING   POKER LAKE UNIT 20 BD #129H   Gas   New   P-17-255-30E   O7/16/2014   10152   17992   SPRING, SOUTH; [96238] CORRAL CANYON, BONE   S0-015-43659   XTO PERMIAN OPERATING   POKER LAKE UNIT 20 BD #129H   Gas   New   P-20-255-30E   O7/16/2014   10152   17992   SPRING, SOUTH; [96238] CORRAL CANYON, BONE   S0-015-43659   XTO PERMIAN OPERATING   POKER LAKE UNIT 20 BD #129H   Gas   New   P-20-255-30E   O7/16/2014   10152   17992   SPRING, SOUTH; [96238] CORRAL CANYON, BONE   S0-015-43659   XTO PERMIAN OPERATING   POKER LAKE UNIT 20 BD #129H   Gas   New   P-20-255-30E   O7/16/2014   10152   17992   SPRING, SOUTH; [96238] CORRAL CANYON, BONE   S0-015-43659   XTO PERMIAN OPERATING   POKER LAKE UNIT EVX IV PC   PUBged (not   PUBged (								0	-	• •
30-015-45526   XTO PERMIAN OPERATING   POKER LAKE UNIT 20 BD #127H   Gas   New   P-20-255-30E   0 0 0   198220] PURPLE SAGE, WOLFCAMP   30-015-45470   XTO PERMIAN OPERATING   POKER LAKE UNIT 120 BD #108H   Gas   New   P-20-255-30E   0 0 0   198220] PURPLE SAGE, WOLFCAMP   30-015-45470   XTO PERMIAN OPERATING   POKER LAKE UNIT 1465H   Oil   Cancelled   P-17-255-30E   0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active   P-17-255-30E   0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active   P-17-255-30E   0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active   P-17-255-30E   0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active   P-17-255-30E   0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active   P-17-255-30E   0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active   P-17-255-30E   0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active   P-17-255-30E   0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active   P-17-255-30E   0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active   P-17-255-30E   0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active   P-17-255-30E   0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active   P-17-255-30E   0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active   P-17-255-30E   0 0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active   P-17-255-30E   0 0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active   P-17-255-30E   0 0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active   P-17-255-30E   0 0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active   P-17-255-30E   0 0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active   P-17-255-30E   0 0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active   P-17-255-30E   0 0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active   P-17-255-30E   0 0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active   P-17-255-30E   0 0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active   P-17-255-30E   0 0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active   P-17-255-30E   0 0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active   P-17-255-30E   0 0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active   P-17-255-30E   0 0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active   P-17-255-30E   0 0 0 0   198220] PURPLE SAGE, WOLFCAMP   Active			SUPERIOR STATE #001	_	Reclamation Fund	H-08-25S-30E	<u> </u>			
30-015-435470   TOPERMIAN OPERATING   POKER LAKE UNIT 20 BD #108H   Gas   New   P-20-255-30E   0   0   0   [98220] PURPLE SAGE, WOLFCAMP   30-015-43651   XTO PERMIAN OPERATING   POKER LAKE UNIT 240 BD #108H   Oil   Cancelled   P-17-255-30E   0   0   0   [96209] CORRAL CANYON, BONE   30-015-42158   LC.   #1010H   Oil   Active   P-17-255-30E   0   0   0   [96209] CORRAL CANYON, BONE   30-015-42158   LC.   #1010H   Oil   Active   P-17-255-30E   0   0   0   0   [96209] CORRAL CANYON, BONE   30-015-42158   LC.   #1010H   Oil   Active   P-17-255-30E   0   0   0   0   0   [96209] CORRAL CANYON, BONE   0   0   0   0   0   0   0   0   0			SUPERIOR STATE #002	Oil	Reclamation Fund		02/27/1963	3763	3763	1
30-015-43651   XTO PERMIAN OPERATING   POKER LAKE UNIT #465H   Oil   Cancelled   P-17-25S-30E   O   O   96209] CORRAL CANYON, BONE   Active   P-17-25S-30E   O/16/2014   Discourage   Dis	30-015-45626	XTO PERMIAN OPERATING	POKER LAKE UNIT 20 BD #127H	Gas	New	P-20-25S-30E		0	0	[98220] PURPLE SAGE, WOLFCAMP
Note   National   Na	30-015-45470	XTO PERMIAN OPERATING	POKER LAKE UNIT 20 BD #108H	Gas	New	P-20-25S-30E		0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-42158   LLC.   #010H	30-015-43651	XTO PERMIAN OPERATING	POKER LAKE UNIT #465H	Oil	Cancelled	P-17-25S-30E		0	0	[96209] CORRAL CANYON,
30-015-42390   XTO PERMIAN OPERATING   POKER LAKE CVX IV PC COM   Oil   Active   P-17-255-30E   08/31/2014   0120   17202   13354  CORRAL CANYON, BONE		XTO PERMIAN OPERATING	POKER LAKE UNIT CVX JV RR							[13354] CORRAL CANYON, BONE
30-015-45627 XTO PERMIAN OPERATING POKER LAKE UNIT 20 BD #128H Gas New P-20-255-30E U 0 0 0 98220] PURPLE SAGE, WOLFCAMP Plugged (not POKER LAKE UNIT CVX JV PC UNIT #1464H MO7H OII Plugged (not P-30-255-30E U 0/6/2010 8097 12700 SPRING; [96403] WILDCAT, BONE P-30-015-430E3 ULC. POKER LAKE UNIT CVX JV RR OII Active P-32-255-30E U/13/2014 10069 17306 [31354] CORRAL CANYON, BONE UCC. POKER LAKE UNIT WAS ACTIVE PRIVATED BY POKER LAKE UNIT WAS ACTIVE PRIVATED BY POKER LAKE UNIT WAS ACTIVE PRIVATED BY P-32-255-30E U/13/2014 10069 17306 [31354] CORRAL CANYON, BONE UNIT WAS ACTIVE P-32-255-30E U/13/2014 10069 17306 [31354] CORRAL CANYON, BONE UNIT WAS ACTIVE P-32-255-30E U/13/2014 10069 17306 [31354] CORRAL CANYON, BONE UNIT WAS ACTIVE P-32-255-30E U/13/2014 10069 17306 [31354] CORRAL CANYON, BONE UNIT WAS ACTIVE P-32-255-30E U/13/2014 10069 17306 [31354] CORRAL CANYON, BONE UNIT WAS ACTIVE P-32-255-30E U/13/2014 10069 17306 [31354] CORRAL CANYON, BONE UVIT WAS ACTIVE P-32-255-30E U/13/2014 10069 17306 [31354] CORRAL CANYON, BONE UVIT WAS ACTIVE P-32-255-30E U/13/2014 10069 17306 [31354] CORRAL CANYON, BONE UVIT WAS ACTIVE P-32-255-30E U/13/2014 10069 17306 [31354] CORRAL CANYON, BONE UVIT WAS ACTIVE P-32-255-30E U/13/2014 10069 17306 [31354] CORRAL CANYON, BONE UVIT WAS ACTIVE P-32-255-30E U/13/2014 10069 17306 [31354] CORRAL CANYON, BONE UVIT WAS ACTIVE P-32-355-35E U/13/2014 10069 17306 [31354] CORRAL CANYON, BONE UVIT WAS ACTIVE P-32-355-35E U/13/2014 10069 17306 [31354] CORRAL CANYON, BONE UVIT WAS ACTIVE P-32-355-35E U/13/2014 10069 17306 [31354] CORRAL CANYON, BONE UVIT WAS ACTIVE P-32-355-35E U/13/2014 10069 17306 [31354] CORRAL CANYON, BONE UVIT WAS ACTIVE P-32-355-35E U/13/2014 10069 17306 [31354] CORRAL CANYON, BONE UVIT WAS ACTIVE P-32-355-35E U/13/2014 10069 17306 [31354] CORRAL CANYON, BONE UVIT WAS ACTIVE P-32-355-35E U/13/2014 10069 17306 [31354] CORRAL CANYON, BONE UVIT WAS ACTIVE P-32-355-35E U/13/2014 10069 17306 [31354] CORRAL CANYON, BONE UVIT WAS ACTIVE P-32-355-35E U/13/2014 10069 [31354] CORRAL	30-015-42158	LLC.	#010H	Oil	Active	P-17-25S-30E	07/16/2014	10152	17992	SPRING, SOUTH; [96238] CORRAL
NOTO PERMIAN OPERATING   POKER LAKE UNIT CVX JV PC   Plugged (not released)   A-08-255-30E   10/06/2010   807   12700   SPRING; [9633] CORRAL DRAW, BONE   12701   SPRING; [9633] WILDCAT, BONE   12700   SPRING; [9643] WILDCAT, BONE   12700   SPRING; [9640] WILDCAT, BONE   12700   SPRING; [	30-015-42390	XTO PERMIAN OPERATING	POKER LAKE CVX JV PC COM	Oil	Active	P-17-25S-30E	08/31/2014	10120	17202	[13354] CORRAL CANYON, BONE
30-015-37937 LLC. #007H Oil released) A-08-255-30E 10/06/2010 8097 12700 SPRING; [96403] WILDCAT, BONE 30-015-42054 XTO PERMIAN OPERATING POKER LAKE UNIT CVX JV RR OIL Active P-32-25S-30E 04/13/2014 10069 17306 [13354] CORRAL CANYON, BONE MACTOR POKER LAKE UNIT #464H Gas Active P-17-25S-30E 05/01/2018 11227 22927 DELAWARE, NORTHEAST; [9820] CORRAL CANYON, 30-015-36635 LLC. #001H OIL Active P-17-25S-30E 05/01/2018 11227 22927 DELAWARE, NORTHEAST; [9820] CORRAL CANYON, 30-015-36635 LLC. #001H OIL Active P-17-25S-30E 05/01/2018 11227 22927 DELAWARE, NORTHEAST; [9820] CORRAL CANYON, 30-015-36635 LLC. #001H OIL Active P-17-25S-30E 05/01/2018 11227 22927 DELAWARE, NORTHEAST; [9820] CORRAL CANYON, 30-015-36635 LLC. #001H OIL Active P-17-25S-30E 09/29/2008 8226 12740 [97748] WILDCAT, BONE SPRING; 30-015-40548 [PRE-ONGARD WELL WOIL PRE-ONGARD WELL WOIL PRE-ONGARD WELL WOIL OIL PRE-ONGARD WELL WOIL WOIL PRE-ONGARD WELL WOIL WOIL PRE-ONGARD WELL WOIL WOIL WOIL PRE-ONGARD WELL WOIL PRE-ONGARD WELL WOIL WOIL WOIL PRE-ONGARD WELL WOIL WOIL WOIL WOIL WOIL WOIL WOIL WO	30-015-45627	XTO PERMIAN OPERATING	POKER LAKE UNIT 20 BD #128H	Gas	New	P-20-25S-30E		0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-42054 XTO PERMIAN OPERATING   POKER LAKE UNIT CVX JV RR   Oil   Active   P-32-25S-30E   04/13/2014   10069   17306   [13354] CORRAL CANYON, BONE   FOR PERMIAN OPERATING   POKER LAKE UNIT #464H   Gas   Active   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220]   POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220]   POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220]   POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220]   POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220]   POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220]   POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220]   POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220]   POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220] POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220] POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220] POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220] POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220] POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220] POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2019   05/01/2		XTO PERMIAN OPERATING	POKER LAKE UNIT CVX JV PC		Plugged (not					[96238] CORRAL DRAW, BONE
30-015-42054 XTO PERMIAN OPERATING   POKER LAKE UNIT CVX JV RR   Oil   Active   P-32-25S-30E   04/13/2014   10069   17306   [13354] CORRAL CANYON, BONE   FOR PERMIAN OPERATING   POKER LAKE UNIT #464H   Gas   Active   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220]   POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220]   POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220]   POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220]   POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220]   POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220]   POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220]   POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220]   POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220] POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220] POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220] POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220] POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220] POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220] POKER LAKE UNIT CVX JV PC   P-17-25S-30E   05/01/2019   05/01/2	30-015-37937	LLC.	#007H	Oil	released)	A-08-25S-30E	10/06/2010	8097	12700	SPRING; [96403] WILDCAT, BONE
30-015-43623   LLC.   POKER LAKE UNIT #464H   Gas   Active   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220]	30-015-42054	XTO PERMIAN OPERATING	POKER LAKE UNIT CVX JV RR	Oil	Active	P-32-25S-30E	04/13/2014	10069	17306	[13354] CORRAL CANYON, BONE
30-015-43623   LLC.   POKER LAKE UNIT #464H   Gas   Active   P-17-25S-30E   05/01/2018   11227   22927   DELAWARE, NORTHEAST; [98220]		XTO PERMIAN OPERATING								[96209] CORRAL CANYON,
STO PERMIAN OPERATING   POKER LAKE UNIT CVX JV PC   #001H   Oil   Active   P-17-25S-30E   09/29/2008   8226   12740   [97748] WILDCAT, BONE SPRING;   30-015-36635   LLC.   #001H   Oil   Active   P-17-25S-30E   09/29/2008   8226   12740   [97748] WILDCAT \$253017P, BONE   30-015-40580   XTO PERMIAN OPERATING   POKER LAKE CVX JV RR #006H   Oil   Temporary   D-21-25S-30E   10/02/2012   8303   13090   [13354] CORRAL CANYON, BONE   30-015-04757   PRE-ONGARD WELL   PRE-ONGARD WELL #001   Oil   Plugged (site   M-09-25S-30E   01/01/1900   O   O   O   O   O   O   O   O   O	30-015-43623	LLC.	POKER LAKE UNIT #464H	Gas	Active	P-17-25S-30E	05/01/2018	11227	22927	
30-015-36635         LLC.         #001H         Oil         Active         P-17-25S-30E         09/29/2008         8226         12740         [97748] WILDCAT S253017P, BONE           30-015-40580         XTO PERMIAN OPERATING         POKER LAKE CVX JV RR #006H         Oil         Temporary         D-21-25S-30E         10/02/2012         8303         13090         [13354] CORRAL CANYON, BONE           30-015-04757         PRE-ONGARD WELL         PRE-ONGARD WELL #001         Oil         Plugged (site         M-21-25S-30E         01/01/1900         0         0         0           30-015-04758         PRE-ONGARD WELL         PRE-ONGARD WELL #001         Oil         Plugged (site         M-21-25S-30E         01/01/1900         0         0         0           30-015-04758         PRE-ONGARD WELL         PRE-ONGARD WELL #006         Oil         Plugged (site         D-21-25S-30E         01/01/1900         0         0         0           30-015-04758         PRE-ONGARD WELL         PRE-ONGARD WELL #006         Oil         Plugged (site         D-21-25S-30E         01/01/1900         0         0         0         0         0         1         1         0         0         0         0         1         1         0         0         0         0         0			POKER LAKE UNIT CVX JV PC							
30-015-40580 XTO PERMIAN OPERATING POKER LAKE CVX JV RR #006H Oil Temporary D-21-25S-30E 10/02/2012 8303 13090 [13354] CORRAL CANYON, BONE 30-015-04747 PRE-ONGARD WELL PRE-ONGARD WELL #001 Oil Plugged (site M-09-25S-30E 01/01/1900 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30-015-36635			Oil	Active	P-17-25S-30E	09/29/2008	8226	12740	1
30-015-04747   PRE-ONGARD WELL   PRE-ONGARD WELL #001   Oil   Plugged (site   M-09-255-30E   01/01/1900   0   0   0   0   0   0   0   0   0									-	
30-015-04755   PRE-ONGARD WELL   PRE-ONGARD WELL #001   Oil   Plugged (site   M-21-25S-30E   01/01/1900   0   0   0   0   0   0   0   0   0								0	0	[2000 1] 0011111 12 01 111 1011 11 11 11
30-015-04758 PRE-ONGARD WELL PRE-ONGARD WELL #006 Oil Plugged (site D-21-25S-30E 01/01/1900 0 0 0 1 13354] CORRAL CANYON, BONE 30-015-43432 XTO PERMIAN OPERATING POKER LAKE UNIT 21 BD #121H Gas New M-21-25S-30E 02/01/2020 0 21417 [98220] PURPLE SAGE, WOLFCAMP XTO PERMIAN OPERATING LC. POKER LAKE UNIT 21 BD #701H Oil New M-21-25S-30E 01/27/2020 0 0 SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP M-21-25S-30E 01/27/2020 0 0 SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP M-21-25S-30E 01/27/2020 0 0 SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP M-21-25S-30E 01/27/2020 0 0 SPRING, SOUTH; [98220] PURPLE M-21-25S-30E 01/29/2020 0 0 GPRING, SOUTH; [98220] PURPLE M-21-25S-30E 01/29/2020 0 0 DIPPLE SAGE, WOLFCAMP								0	0	
30-015-43432 XTO PERMIAN OPERATING POKER LAKE UNIT CVX JV RR Oil Cancelled D-21-25S-30E 0 0 0 [13354] CORRAL CANYON, BONE 30-015-45513 XTO PERMIAN OPERATING POKER LAKE UNIT 21 BD #121H Gas New M-21-25S-30E 02/01/2020 0 21417 [98220] PURPLE SAGE, WOLFCAMP [13354] CORRAL CANYON, BONE 30-015-45699 LLC. POKER LAKE UNIT 21 BD #701H Oil New M-21-25S-30E 01/27/2020 0 0 SPRING, SOUTH; [98220] PURPLE XTO PERMIAN OPERATING 30-015-45477 LLC. POKER LAKE UNIT 21 BD #901H Oil New M-21-25S-30E 01/29/2020 0 0 SPRING, SOUTH; [98220] PURPLE 30-015-45476 XTO PERMIAN OPERATING POKER LAKE UNIT 21 BD #102H Gas New M-21-25S-30E 02/04/2020 0 0 0 [98220] PURPLE SAGE, WOLFCAMP								0	0	+
30-015-45513 XTO PERMIAN OPERATING POKER LAKE UNIT 21 BD #121H Gas New M-21-25S-30E 02/01/2020 0 21417 [98220] PURPLE SAGE, WOLFCAMP XTO PERMIAN OPERATING SUCCESSAGE NEW M-21-25S-30E 02/01/2020 0 21417 [98220] PURPLE SAGE, WOLFCAMP NEW M-21-25S-30E 01/27/2020 0 0 SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP NEW M-21-25S-30E 01/27/2020 0 0 SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP NEW M-21-25S-30E 01/29/2020 0 0 SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP NEW M-21-25S-30E 01/29/2020 0 0 SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP NEW M-21-25S-30E 02/04/2020 0 0 G SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP NEW M-21-25S-30E 02/04/2020 0 0 0 SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP NEW M-21-25S-30E 02/04/2020 0 0 0 SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP NEW M-21-25S-30E 02/04/2020 0 0 0 SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP NEW M-21-25S-30E 02/04/2020 0 0 0 SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP NEW M-21-25S-30E 02/04/2020 0 0 0 SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP NEW M-21-25S-30E 02/04/2020 0 0 0 SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP NEW M-21-25S-30E 02/04/2020 0 0 0 SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP NEW M-21-25S-30E 02/04/2020 0 0 0 SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP NEW M-21-25S-30E 02/04/2020 0 0 0 SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP NEW M-21-25S-30E 02/04/2020 0 0 0 SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP NEW M-21-25S-30E 02/04/2020 0 0 0 SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP NEW M-21-25S-30E 02/04/2020 0 0 0 SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP NEW M-21-25S-30E 02/04/2020 0 0 0 SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP NEW M-21-25S-30E 02/04/2020 0 0 0 SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP NEW M-21-25S-30E 02/04/2020 0 0 0 SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP NEW M-21-25S-30E 02/04/2020 0 0 0 SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP NEW M-21-25S-30E 02/04/2020 0 0 0 SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP NEW M-21-25S-30E 02/04/2020 0 0 0 SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP NEW M					, ,		01/01/1300	0	-	[12254] COPPAL CANYON BONE
XTO PERMIAN OPERATING   30-015-45699   LLC.   POKER LAKE UNIT 21 BD #701H   Oil   New   M-21-25S-30E   01/27/2020   O   O   SPRING, SOUTH; [98220] PURPLE   XTO PERMIAN OPERATING   SOUTH; [98220] PURPLE   Oil   New   M-21-25S-30E   Oil/29/2020   O   O   SPRING, SOUTH; [98220] PURPLE   Oil   New   M-21-25S-30E   Oil/29/2020   O   O   SPRING, SOUTH; [98220] PURPLE   Oil   Oil   New   M-21-25S-30E   Oil/29/2020   O   O   O   SPRING, SOUTH; [98220] PURPLE   Oil							02/01/2020	0	0	•
30-015-45699 LLC. POKER LAKE UNIT 21 BD #701H Oil New M-21-25S-30E 01/27/2020 0 0 SPRING, SOUTH; [98220] PURPLE  XTO PERMIAN OPERATING 30-015-45477 LLC. POKER LAKE UNIT 21 BD #901H Oil New M-21-25S-30E 01/29/2020 0 0 SPRING, SOUTH; [98220] PURPLE 30-015-45476 XTO PERMIAN OPERATING POKER LAKE UNIT 21 BD #102H Gas New M-21-25S-30E 02/04/2020 0 0 [98220] PURPLE SAGE, WOLFCAMP	30-013-43313		FOVER TWE DIMIT ST BD #151H	Jas	INCM	INI-77-722-20F	02/01/2020	U	Z141/	
XTO PERMIAN OPERATING         XTO PERMIAN OPERATING         Image: Company of the com	20 045 45600		DOVED LAKE LINIT 24 DD #704LL	0:1	N	NA 24 256 205	04 /27 /2020			-
30-015-45477 LLC. POKER LAKE UNIT 21 BD #901H Oil New M-21-25S-30E 01/29/2020 0 0 0 SPRING, SOUTH; [98220] PURPLE 30-015-45476 XTO PERMIAN OPERATING POKER LAKE UNIT 21 BD #102H Gas New M-21-25S-30E 02/04/2020 0 0 [98220] PURPLE SAGE, WOLFCAMP	30-015-45699		POKEK LAKE UNIT 21 BD #/01H	UII	inem	IVI-21-255-30E	01/2//2020	U	U	
30-015-45476 XTO PERMIAN OPERATING POKER LAKE UNIT 21 BD #102H Gas New M-21-25S-30E 02/04/2020 0 0 [98220] PURPLE SAGE, WOLFCAMP					l		0.4 /0.0 /= == :			, ,
				_				0		
30-015-43426 XTO PERMIAN OPERATING POKER LAKE UNIT CVX JV PC Oil Cancelled D-21-25S-30E 0 0 [13354] CORRAL CANYON, BONE	-						02/04/2020	0	_	
	30-015-43426	XTO PERMIAN OPERATING	POKER LAKE UNIT CVX JV PC	Oil	Cancelled	D-21-25S-30E		0	0	[13354] CORRAL CANYON, BONE

Surf Location Date Drilled TD (TVDSS) Total Depth (MD) Current Production Pool



Received by OCD: 6/12/2024/3530:27PM

30-015-45696	XTO PERMIAN OPERATING	POKER LAKE UNIT 21 BD #122H	Gas	New	M-21-25S-30E	02/03/2020	0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-40765	XTO PERMIAN OPERATING	POKER LAKE CVX JV RR #008H	Oil	Active	M-28-25S-30E	12/29/2012	8937	13792	[13354] CORRAL CANYON, BONE
	XTO PERMIAN OPERATING								[13354] CORRAL CANYON, BONE
30-015-45702	LLC.	POKER LAKE UNIT 21 BD #703H	Oil	New	N-21-25S-30E	01/16/2020	0	21745	SPRING, SOUTH; [98220] PURPLE
30-015-45515	XTO PERMIAN OPERATING	POKER LAKE UNIT 21 BD #124H	Gas	New	N-21-25S-30E	02/29/2020	0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-45514	XTO PERMIAN OPERATING	POKER LAKE UNIT 21 BD #123H	Gas	New	N-21-25S-30E	02/16/2020	0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-45703	XTO PERMIAN OPERATING	POKER LAKE UNIT 21 BD #903H	Oil	New	N-21-25S-30E	02/03/2020	0	0	[13354] CORRAL CANYON, BONE
30-015-43491	XTO PERMIAN OPERATING	POKER LAKE UNIT #484H	Oil	New	C-21-25S-30E		0	0	[96209] CORRAL CANYON,
30-015-43541	XTO PERMIAN OPERATING	POKER LAKE UNIT #485H	Oil	Cancelled	C-21-25S-30E		0	0	[96209] CORRAL CANYON,
30-015-45512	XTO PERMIAN OPERATING	POKER LAKE UNIT 21 BD #104H	Gas	New	N-21-25S-30E	03/13/2020	0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-43511	XTO PERMIAN OPERATING	POKER LAKE UNIT #482H	Oil	Cancelled	C-16-25S-30E		0	0	[96209] CORRAL CANYON,
30-015-43489	XTO PERMIAN OPERATING	POKER LAKE UNIT #483H	Oil	Cancelled	C-16-25S-30E		0	0	[96209] CORRAL CANYON,
	XTO PERMIAN OPERATING								[13354] CORRAL CANYON, BONE
30-015-37375	LLC.	POKER LAKE CVX JV PC #009H	Oil	Active	P-16-25S-30E	04/22/2011	8359	12292	SPRING, SOUTH; [96403] WILDCAT,
30-015-41037	BOPCO, L.P.	POKER LAKE UNIT #380H	Oil	Cancelled	L-10-25S-30E		0	0	[96209] CORRAL CANYON,
30-015-04748	PRE-ONGARD WELL	PRE-ONGARD WELL #005	Oil	Plugged (site	M-10-25S-30E	01/01/1900	0	0	
30-015-04760	PRE-ONGARD WELL	PRE-ONGARD WELL #008	Oil	Plugged (site		01/01/1900	0	0	
30-015-05972	PRE-ONGARD WELL	PRE-ONGARD WELL #005	Oil	Plugged (site	M-10-25S-30E	01/01/1900	0	0	
	PRE-ONGARD WELL	PRE-ONGARD WELL #003		Plugged (site	L-22-25S-30E	01/01/1900	0	0	
30-015-39693	XTO PERMIAN OPERATING	POKER LAKE CVX JV BS #011H	Oil	Active	C-22-25S-30E	02/29/2012	8449	13575	[96654] WILDCAT BIG SINK, BONE
30-015-40763	XTO PERMIAN OPERATING	POKER LAKE CVX JV PB #005H	Oil	Active	C-22-25S-30E	12/01/2012	9086	13482	[96238] CORRAL DRAW, BONE
30-015-42574	XTO PERMIAN OPERATING	POKER LAKE UNIT #456H	Oil	Active	J-22-25S-30E	11/13/2014	7794	14181	[96047] POKER LAKE, DELAWARE,
30-015-42470	XTO PERMIAN OPERATING	POKER LAKE UNIT #455H	Oil	Active	J-22-25S-30E	10/14/2015	7557	14111	[50386] POKER LAKE, DELAWARE,
	XTO PERMIAN OPERATING	POKER LAKE UNIT #474Y	Gas	Active	I-27-25S-30E	05/06/2018	11430	18235	[98220] PURPLE SAGE, WOLFCAMP
	XTO PERMIAN OPERATING								[96620] CORRAL CANYON,
30-015-41033		POKER LAKE UNIT #421H	Oil	Active	P-27-25S-30E	02/05/2014	7772	14184	DELAWARE,SOUTH; [97814]
	XTO PERMIAN OPERATING								[96620] CORRAL CANYON,
30-015-43425		POKER LAKE UNIT #474H	Oil	New	I-27-25S-30E		0	0	DELAWARE,SOUTH; [98220] PURPLE
	XTO PERMIAN OPERATING	POKER LAKE UNIT #457	Oil	Active		03/07/2014	7367	17019	[96620] CORRAL CANYON,
		POKER LAKE UNIT #475H	Oil	Cancelled	I-27-25S-30E	, .	0	0	[98165] WC-015 G-04 S253027I,
	PRE-ONGARD WELL	PRE-ONGARD WELL #006	Oil	Plugged (site		01/01/1900	0	0	terror in the second se
	XTO PERMIAN OPERATING	POKER LAKE CVX JV BS #025H	Oil	Active		01/25/2014	9880	17120	[13354] CORRAL CANYON, BONE
30-015-40396		POKER LAKE UNIT #375H	Oil	Cancelled	M-02-25S-30E	-, -, -, -, -, -, -, -, -, -, -, -, -, -	0	0	[96209] CORRAL CANYON,
	XTO PERMIAN OPERATING	POKER LAKE CVX JV BS #008H	Oil	Temporary	N-14-25S-30E	10/26/2011	9213	13865	[97913] WILDCAT G-06 S253002O,
	XTO PERMIAN OPERATING	POKER LAKE UNIT 26 BD #125H	Gas	New		05/07/2021	11464	0	[98220] PURPLE SAGE, WOLFCAMP
	XTO PERMIAN OPERATING	POKER LAKE UNIT 26 BD #103H	Gas	New			0	0	[98220] PURPLE SAGE, WOLFCAMP
	XTO PERMIAN OPERATING	POKER LAKE UNIT 26 BD #101H	Gas	New		06/01/2021	0	0	[98220] PURPLE SAGE, WOLFCAMP
	XTO PERMIAN OPERATING	POKER LAKE UNIT 26 BD #123H	Gas	New			0	0	[98220] PURPLE SAGE, WOLFCAMP
	XTO PERMIAN OPERATING	POKER LAKE UNIT 26 BD #105H	Gas	New		05/07/2021	0	0	[98220] PURPLE SAGE, WOLFCAMP
	XTO PERMIAN OPERATING	POKER LAKE UNIT 26 BD #122H	Gas	New	E-26-25S-30E	03/01/2021	0	0	[98220] PURPLE SAGE, WOLFCAMP
	XTO PERMIAN OPERATING	POKER LAKE UNIT 26 BD #121H	Gas	New		05/30/2021	0	0	[98220] PURPLE SAGE, WOLFCAMP
	XTO PERMIAN OPERATING	POKER LAKE UNIT 26 BD #124H	Gas	New	F-26-25S-30E	,,	0	0	[98220] PURPLE SAGE, WOLFCAMP
	XTO PERMIAN OPERATING	POKER LAKE UNIT 26 BD #161H	Gas	New	E-26-25S-30E		0	0	[98220] PURPLE SAGE, WOLFCAMP
30 013 47303	XTO PERMIAN OPERATING	Size Bill Sill 20 88 WIOTH							[97814] WILDCAT G-015 S2630010,
30-015-45864	LLC.	POKER LAKE UNIT 25 BD #903H	Gas	Active	F-25-25S-30E	07/09/2019	11562	19366	BONE SPRING; [98220] PURPLE
	XTO PERMIAN OPERATING	POKER LAKE UNIT 25 BD #30311	Gas	Active			11357	18772	[98220] PURPLE SAGE, WOLFCAMP
30-013-40232	ATO I ENVIIAN OF ENATING	1 OKEK LAKE ONT 25 DD #20311	Cas	ACUVE	1 23-233-30L	00/00/2019	11337	10//2	[30220] I ON LE SAGE, WOLI CAIVIF

30-015-46242 XTO PERMIAN OPERATING	POKER LAKE UNIT 25 BD #202H	Gas	Active	E-25-25S-30E	10/04/2019	0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-46263 XTO PERMIAN OPERATING	POKER LAKE UNIT 27 BD #107H	Gas	New	H-27-25S-30E		0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-46253 XTO PERMIAN OPERATING	POKER LAKE UNIT 27 BD #156H	Gas	New	G-27-25S-30E		0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-46258 XTO PERMIAN OPERATING	POKER LAKE UNIT 27 BD #167H	Gas	New	H-27-25S-30E	09/12/2020	0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-46259 XTO PERMIAN OPERATING	POKER LAKE UNIT 27 BD #158H	Gas	New	H-27-25S-30E		0	19947	[98220] PURPLE SAGE, WOLFCAMP
30-015-46262 XTO PERMIAN OPERATING	POKER LAKE UNIT 27 BD #106H	Gas	New	H-27-25S-30E		0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-47988 XTO PERMIAN OPERATING	POKER LAKE UNIT 26 BD #158H	Gas	New	H-26-25S-30E		0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-47990 XTO PERMIAN OPERATING	POKER LAKE UNIT 26 BD #154H	Gas	New	F-26-25S-30E		0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-47984 XTO PERMIAN OPERATING	POKER LAKE UNIT 26 BD #163H	Gas	New	F-26-25S-30E	03/17/2021	0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-47991 XTO PERMIAN OPERATING	POKER LAKE UNIT 26 BD #152H	Gas	New	E-26-25S-30E		0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-46436 XTO PERMIAN OPERATING	POKER LAKE UNIT 27 BD #128H	Gas	New	H-27-25S-30E	09/11/2020	0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-47983 XTO PERMIAN OPERATING	POKER LAKE UNIT 26 BD #165H	Gas	New	G-26-25S-30E		0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-47981 XTO PERMIAN OPERATING	POKER LAKE UNIT 26 BD #128H	Gas	New	H-26-25S-30E	04/06/2021	11449	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-04761 PRE-ONGARD WELL	PRE-ONGARD WELL #009	Oil	Plugged (site	P-23-25S-30E	01/01/1900	0	0	
XTO PERMIAN OPERATING								[97814] WILDCAT G-015 S2630010,
30-015-45863 LLC.	POKER LAKE UNIT 25 BD #901H	Gas	Active	E-25-25S-30E	09/09/2019	11568		BONE SPRING; [98220] PURPLE
XTO PERMIAN OPERATING								[97814] WILDCAT G-015 S2630010,
30-015-45859 LLC.	POKER LAKE UNIT 25 BD #701H	Oil	Active	E-25-25S-30E	05/30/2019	11539	19394	BONE SPRING; [98220] PURPLE
30-015-41648 BOPCO, L.P.	PLU BIG SINKS 24 25 30 USA #001	Oil	Plugged (site	M-13-25S-30E	09/07/2013	269	269	[97814] WILDCAT G-015 S2630010,
30-015-41693 XTO PERMIAN OPERATING	POKER LAKE CVX JV BS #022H	Oil	Active	M-13-25S-30E	09/23/2013	9241	14363	[97814] WILDCAT G-015 S2630010,
30-015-45846 XTO PERMIAN OPERATING	POKER LAKE UNIT 25 BD #102H	Gas	Active	E-25-25S-30E	07/25/2019	12236	19945	[98220] PURPLE SAGE, WOLFCAMP
30-015-45850 XTO PERMIAN OPERATING	POKER LAKE UNIT 25 BD #121H	Gas	Active	E-25-25S-30E	09/01/2019	12396	20202	[98220] PURPLE SAGE, WOLFCAMP
30-015-41554 XTO PERMIAN OPERATING	POKER LAKE CVX JV BS #021H	Oil	Active	M-13-25S-30E	08/08/2013	9285	14150	[97913] WILDCAT G-06 S253002O,
30-015-45852 XTO PERMIAN OPERATING	POKER LAKE UNIT 25 BD #122H	Gas	Active	E-25-25S-30E	07/10/2019	12320	20140	[98220] PURPLE SAGE, WOLFCAMP
30-015-41598 XTO PERMIAN OPERATING	POKER LAKE UNIT CVX JV BS	Oil	Active	M-01-25S-30E	12/25/2013	9344	14545	[97913] WILDCAT G-06 S253002O,
30-015-45853 XTO PERMIAN OPERATING	POKER LAKE UNIT 25 BD #123H	Gas	Active	F-25-25S-30E	06/23/2019	12248	19747	[98220] PURPLE SAGE, WOLFCAMP
30-015-45855 XTO PERMIAN OPERATING	POKER LAKE UNIT 25 BD #124H	Gas	Active	F-25-25S-30E	07/20/2019	12245	20210	[98220] PURPLE SAGE, WOLFCAMP
XTO PERMIAN OPERATING					, ,, ,			[97814] WILDCAT G-015 S2630010,
30-015-45860 LLC.	POKER LAKE UNIT 25 BD #703H	Gas	Active	F-25-25S-30E	07/25/2019	11335	19140	BONE SPRING; [98220] PURPLE
30-015-45847 XTO PERMIAN OPERATING	POKER LAKE UNIT 25 BD #104H	Gas	Active	F-25-25S-30E	07/23/2019	12387	20265	[98220] PURPLE SAGE, WOLFCAMP
30-015-40756 XTO PERMIAN OPERATING	POKER LAKE CVX JV PB #004H	Oil	Active	N-25-25S-30E	11/29/2012	9294	14160	[97814] WILDCAT G-015 S2630010,
30-015-41185 XTO PERMIAN OPERATING	POKER LAKE UNIT #387H	Oil	Active	D-18-25S-31E	10/04/2013	7720	15620	[50386] POKER LAKE, DELAWARE,
30-015-40710 XTO PERMIAN OPERATING	POKER LAKE UNIT #423H	Oil	Active	I-19-25S-30E	01/30/2013	7383	14769	[96620] CORRAL CANYON,
30-015-41056 XTO PERMIAN OPERATING	POKER LAKE UNIT #422H	Oil	Active	I-18-25S-30E	08/31/2013	7460	15868	[13360] CORRAL CANYON,
30-015-37053 COG OPERATING LLC	GRAVY STATE COM #001H	Oil	Plugged (not	F-08-25S-30E	05/15/2009	12155	12155	[96473] PIERCE CROSSING, BONE
30-015-43310 XTO PERMIAN OPERATING	PLU PIERCE CANYON 17 FEDERAL	Salt Water	Active	N-17-25S-30E	01/29/2018	0	17850	[96101] SWD, DEVONIAN
30-015-53239 XTO PERMIAN OPERATING	POKER LAKE UNIT 20 8 BD #104H	Gas	New	K-20-25S-30E		0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-53240 XTO PERMIAN OPERATING	POKER LAKE UNIT 20 8 BD #105H	Gas	New	K-20-25S-30E		0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-53241 XTO PERMIAN OPERATING	POKER LAKE UNIT 20 8 BD #123H	Gas	New	K-20-25S-30E		0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-53243 XTO PERMIAN OPERATING	POKER LAKE UNIT 20 8 BD #162H	Gas	New	K-20-25S-30E		0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-53245 XTO PERMIAN OPERATING	POKER LAKE UNIT 20 8 BD #106H	Gas	New	J-20-25S-30E		0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-53246 XTO PERMIAN OPERATING	POKER LAKE UNIT 20 8 BD #107H	Gas	New	J-20-25S-30E		0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-53247 XTO PERMIAN OPERATING	POKER LAKE UNIT 20 8 BD #125H	Gas	New	J-20-25S-30E		0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-53248 XTO PERMIAN OPERATING	POKER LAKE UNIT 20 8 BD #126H	Gas	New	J-20-25S-30E		0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-53249 XTO PERMIAN OPERATING	POKER LAKE UNIT 20 8 BD #164H	Gas	New	J-20-25S-30E		0	0	[98220] PURPLE SAGE, WOLFCAMP
30-015-53250 XTO PERMIAN OPERATING	POKER LAKE UNIT 20 8 BD #165H	Gas	New	J-20-25S-30E		0	0	[98220] PURPLE SAGE, WOLFCAMP
		ı	1		1	1	L	1

7
ag
Se
-
S.
12
0
-
<b>N</b>
8
00

Received by OCD: 6/12/2024/3530127PM

30-015-53251 XTO PERMIAN OPERA	ING POKER LAKE UNIT 20 8 BD #166H	Gas	New	J-20-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP

a by OCD: 9/12/2024	533012/11/11		•			ruge 135 0
			OCD Art	ecia .		
Form 3160-5 ~ (August 2007)	UNITED ST DEPARTMENT OF T BUREAU OF LAND N	THE INTERIOR	OCD AIG	esia	OMB No Expires:	APPROVED O. 1004-0135 July 31, 2010
·	UNDRY NOTICES AND R	EPORTS ON WEL	LS		<ol><li>Lease Serial No. NMLC063079A</li></ol>	
Do n aband	ot use this form for proposioned well. Use form 3160-	als to drill or to re-ei 3 (APD) for such pro	nter an posals.		6. If Indian, Allottee o	r Tribe Name
SUBM	IT IN TRIPLICATE - Other in	structions on rever	se side.		7. If Unit or CA/Agree 891000303X	ement, Name and/or No.
Type of Well	/ell			:	8. Well Name and No. PLU BIG SINKS 2	
Name of Operator     BOPCO LP		ntact: TRACIE J CHE erry@basspet.com	RRY		9. API Well No. 30-015-41648-0	0-X1
3a. Address		3b. Phone No. (i Ph: 432-221-	nclude area cod 7379	le)	10. Field and Pool, or UNDESIGNATE	
MIDLAND, TX 7970	02 tage, Sec., T., R., M., or Survey Desc	Crintion)			11. County or Parish,	
•	SWSW 85FSL 690FWL				EDDY COUNTY	
32.072417 N Lat, 10					LDD1 GOOM11	, 14101
12. CHE	CK APPROPRIATE BOX(E	ES) TO INDICATE N	ATURE OF	NOTICE, RE	PORT, OR OTHE	R DATA
TYPE OF SUBMISS	SION		TYPE	OF ACTION		
☐ Notice of Intent	☐ Acidize	_ Deepe		·	on (Start/Resume)	☐ Water Shut-Off
Subsequent Report     Subsequent Re	Alter Casing	☐ Fractu		□ Reclama		☐ Well Integrity
☐ Final Abandonment	Casing Repair t Notice Change Plans		Construction and Abandon	☐ Recompl		☐ Other
Tillal Abalidolinell	Convert to Inj	_		☐ Water D	rily Abandon isposal	•
If the proposal is to deep Attach the Bond under w following completion of testing has been complete	mpleted Operation (clearly state all en directionally or recomplete horize hich the work will be performed or the involved operations. If the oper- ed. Final Abandonment Notices sha is ready for final inspection.)	ontally, give subsurface loop provide the Bond No. on fi ation results in a multiple of	cations and mea le with BLM/B ompletion or re	sured and true ver IA. Required sub- ecompletion in a ne	tical depths of all pertin sequent reports shall be ew interval, a Form 316	ent markers and zones. filed within 30 days 0-4 shall be filed once
BOPCO, LP respect wellbore.	fully submits this sundry notic	ce to report the subqu	ent P&A of t	he referenced		
09/07/2013 Spud 17-1/2" hole				H	D 4/17/1	√ ord
09/08/2013 TD at 1130. Hole co	ollapsed and conductor parted	d.		<b>1</b>	MMOCD	· .
09/10/2013 - 09/13/ TIIH w/surface asse stuck pipe. RIH w/fi	2013 mbly ream to 269'. Pipe stud shing assembly tag at 208. A	k. Attempt to jar loos attempt to work loose,	e, unsuccess unsuccessfi	sful. Back off ul. LD tools.		
14 I hereby certify that the	foregoing is true and correct.			•		
. Thereby certify that the	Electronic Submis  Committed to AFMSS f	sion #238748 verified I For BOPCO LP, sent	to the Carlst	oad	-	
Name (Printed/Typed)	TRACIE J CHERRY			U4/12/2014 (130 JLATORY ANA	•	
Cianatura	(Floatronia Submission)		)oto 00/40	(2014		
Signature	(Electronic Submission)	L	Date 03/13/	2014		

Date 04/12/2014 \_Approved By\_JAMES\_A AMOS TitleSUPERVISOR EPS Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office Carlsbad

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

\*\* BLM REVISED \*\*



### Additional data for EC transaction #238748 that would not fit on the form

#### 32. Additional remarks, continued

09/14/2013 - TIH and tag @ 209'. Mix and pump 670 sx Class 'C' (157 bbls). Circulate to surface. WOC 4 hrs. Plug fell 5'. Top off with ready mix cement.

09/15/2013 Release rig.

Rig was skid 50 and redrilled as #1Y



IN REPLY REFER TO:

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

P. O. Ben 187 Artonia, New Mexico

October 2, 1956

El Paso Hatural Cas Company, agent for, Richardson and Base Ben 136h Jal, New Mexico, New Mexico Res

Res Oll and See Leave LC 063875-4

Contlement

Tour "Subsequent Report of Abendoment" dated Harch 28, 1956, covering your well No. 3-Poker Lake Unit located 1980 feet from south and 660 feet from west lines of section 22, 7. 25 5., R. 30 E., Poker Lake Unit Area #14-08-001-303, wildcat area, Eddy County, New Hazing, is hereby approved.

Very truly yours,

1 ...... 6 ..... 8.1007

John A. Proot District Engineer

JAY 1802

Inspected by John A. Frant September 25, 1956 IN REPLY REFER TO:

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY



and the second of the

A STATE OF THE STA

English of the second of the s

and the state of the state of the

Homoson and Association

Section 1995 A Section 1997

. . . . . .

### U.S. Department of the Interior BUREAU OF LAND MANAGEMENT

Sundry Prin Page 137 of 278

Well Name: POKER LAKE CVX JV RR Well Location: T25S / R30E / SEC 21 / County or Parish/State: EDDY /

NWNW /

Well Number: 6H Type of Well: OIL WELL **Allottee or Tribe Name:** 

Lease Number: NMLC063875A **Unit or CA Name: Unit or CA Number:** 

**US Well Number: 3001540580** Well Status: Temporarily Abandoned **Operator: XTO PERMIAN** 

OPERATING LLC

Accepted for record – NMOCD gc 12/15/2022

Digitally signed by LONG VO LONG VO Date: 2022.11.27 14:26:03

### **Notice of Intent**

**Sundry ID: 2699510** 

Type of Submission: Notice of Intent

Date Sundry Submitted: 10/24/2022

Date proposed operation will begin: 12/19/2022

Type of Action: Plug and Abandonment

Time Sundry Submitted: 04:42

Procedure Description: XTO Permian Operating respectfully submits a NOI to PA the well above with the attached procedure below along with the current and proposed WBD.

### **Surface Disturbance**

Is any additional surface disturbance proposed?: No

Approval Subject to

General Requirements and

Special Stipulations

Attached

### **NOI Attachments**

### **Procedure Description**

PLU\_CVX\_JV\_RR\_006H\_Proposed\_WBD\_20221024164148.pdf

PLU\_CVX\_JV\_RR\_006H\_DHWP\_20221024164135.pdf

PLU\_CVX\_JV\_RR\_006H\_Procedure\_20221024164121.pdf

County or Parish/State. Page 138 of 278 Received by OCD: 6/12/2024/3330:27PM M Well Location: T25S / R30E / SEC 21 /

NWNW /

Well Number: 6H Type of Well: OIL WELL **Allottee or Tribe Name:** 

**Unit or CA Number:** Lease Number: NMLC063875A **Unit or CA Name:** 

Operator: XTO PERMIAN **US Well Number: 3001540580** Well Status: Temporarily Abandoned

**OPERATING LLC** 

# **Operator**

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

**Operator Electronic Signature: CASSIE EVANS** Signed on: OCT 24, 2022 04:42 PM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 Holiday Hill Road, Bldg 5

City: Midland State: TX

Phone: (432) 218-3671

Email address: CASSIE.EVANS@EXXONMOBIL.COM

### **Field**

**Representative Name:** 

**Street Address:** 

City: State: Zip:

Phone:

**Email address:** 

### PLUG AND ABANDON WELLBORE POKER LAKE UNIT CVX JV RR 006H EDDY COUNTY, NEW MEXICO Class II

MASIP	MAOP	MAWP	Surface Csg Yield
1,000 psi	1,000 psi	3,000 psi	1,730 psi

**SUMMARY:** Plug and abandon wellbore according to BLM regulations.

- 1) MIRU plugging company. Set open top steel pit for plugging.
- 2) ND WH and NU 3K manual BOP. Function test BOP.
- 3) CIBP, bailed cement, 2-7/8 tubing string (est. 292 jts) are already in well immediately above TTOC at 7645'. Tag and spot 25 SKS Class H from 7645' to 7445' (T/Bone Spring).
- 4) Spot 25 SKS Class C from 4745' to 4598' (T/Delaware). WOC, tag and notify BLM.
- 5) Spot cement from 3750' to 3613'. WOC and Tag. Class C. (Shoe)
- 6) MIRU WLU, perforate at 3060'.
- 7) Squeeze 31 SKS Class C from 3060' to 2929' (Base of Salt). WOC, tag and notify BLM. (In 13 sxs/Out 18 sxs)
- 8) MIRU WLU, perforate at 1372'.
- 9) Squeeze 113 SKS Class C from 1372' to 893' (Top of Salt). WOC, tag and notify BLM. (In 48 sxs/Out 65 sxs)
- 10) MIRU WLU, perforate at 100'.
- 11) Circulate Class C to surface (Est. 25 SKS).
- 12) ND BOP and cut off wellhead 5' below surface. RDMO PU and trucks.
- 13) Set P&A marker.
- 14) Pull fluid from steel tank and haul to disposal. Release steel tank.

# Poker Lake Unit CVX JV RR 006H - Proposed WBD

20" conductor 120'

13-3/8" shoe 953'

5-1/2" TOC 2100'

8-5/8" shoe 3700'

T/Delaware 3777'

T/Bone Spring 7594'

Existing CIBP: 7690', with cement to 7645'.

KOP approx. 7750'

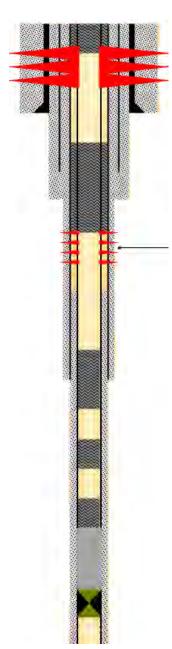
Lateral TVD 8354'

Approval Subject to

General Requirements and

**Special Stipulations** 

Attached



Circulate ~25 SKS Class C: 100' to surface.

Squeeze 40 SKS Class C: 1003′ – 853′. WOC and tag.

Spot 25 SKS Class C: 3830' - 3580'. WOC and tag.

Spot 25 SKS Class C: 5000' – 4750'. WOC and tag.

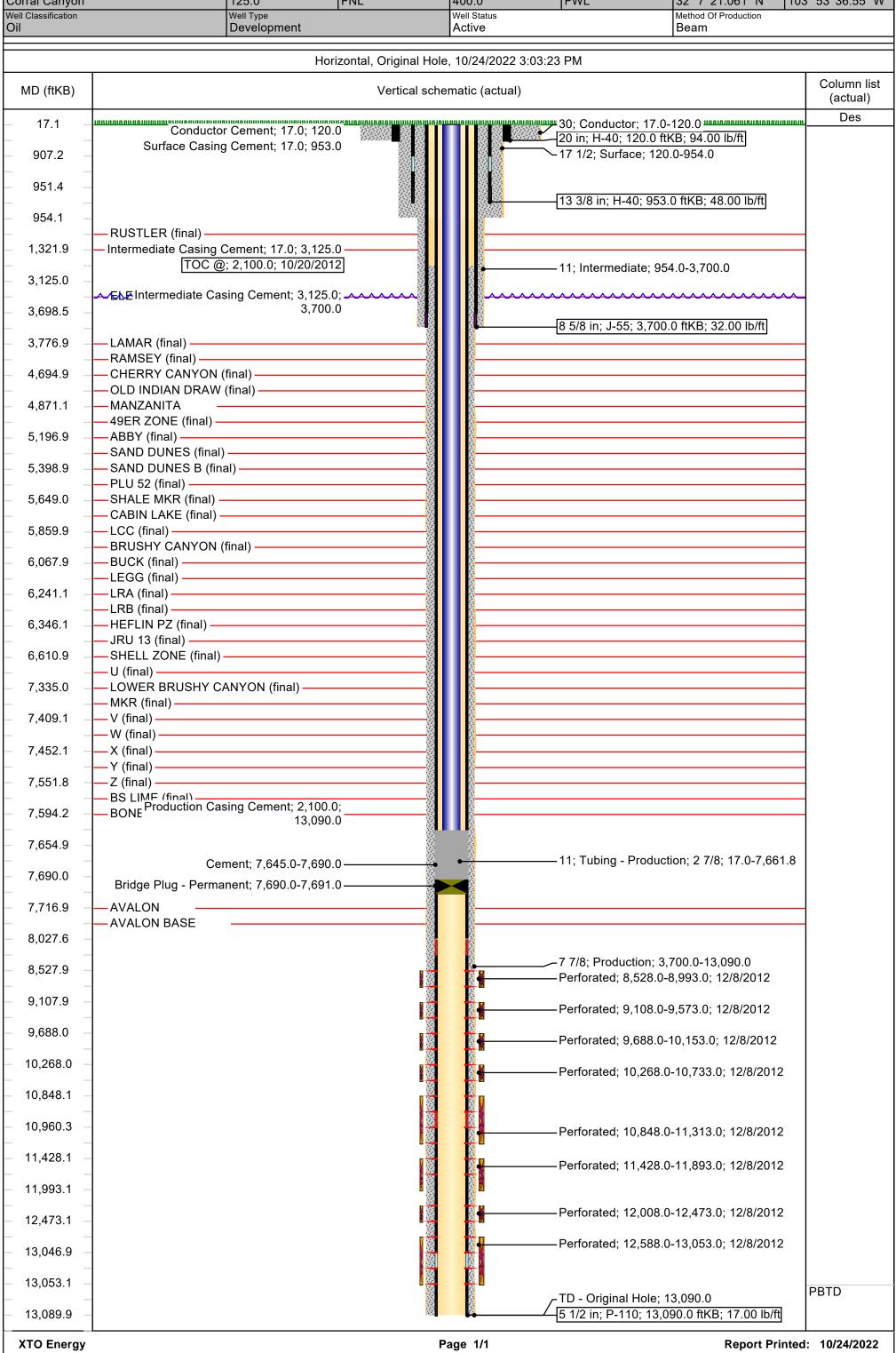
Spot 25 SKS Class H atop existing cement: 7645' – 7445'. Propose no PT due to prior PT on TA plug in 2021.



### Schematic - Vertical

### Well Name: POKER LAKE UNIT CVX JV RR 006H

API/UWI 3001540580	SAP Cost Center ID 1140121001					County Eddy	
Surface Location T25S-R30E-S21			\ /		Ground Elevation (ft) 3,241.00	KB-Ground Distance (ft) 17.00	
Field Name Corral Canyon		North/South Distance (ft) 125.0	North/South Reference FNL	East/West Distance (ft) 400.0	East/West Reference	` '	Longitude (°) 103° 53' 36.55" W
		21				Method Of Production Beam	



Sundry ID 2699510

Sundry ID	2699510					
Plug Type	Тор	Bottom	Length	Tag	Sacks	Notes
Surface Plug	0.00 893.47			Tag/Verify	25.00	Perf and squeeze from 100' to surface. Verify at surface. (In 10 sxs/Out 15 sxs)
Shoe Plug	893.47	1003.00	109.53	Tag/Verify		Destandance
Top of Salt @ 1322	1258.78	1372.00	113.22	Tag/Verify	113.00	Perf and squeeze from 1372' to 893'. WOC and Tag. Class C (In 48 sxs/Out 65 sxs)
Base of Salt @ 3010	2929.90	3060.00	130.10	Tag/Verify	31.00	Perf and squeeze from 3060' to 2929'. WOC and Tag. (In 13 sxs/ Out 18 sxs)
Shoe Plug	3613.00	3750.00	137.00	Tag/Verify	25.00	Spot cement from 3750' to 3613'. WOC and Tag. Class C
				If solid base no need to Tag (CIBP present and/or Mechanic al Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforatio		Spot cement from 4745' to 4598'.
Delaware @ 4695	4598.05	4745.00	146.95		25.00	Class C.

				If solid		
				base no		
				need to		
				Tag		
				(CIBP		
				present		
				and/or		
				Mechanic		
				al Integrity		
				Test), If		
				Perf &		
				Sqz then		
				Tag, Leak		
				Test all		
				CIBP if no		
				Open		Tag TOC at 7645'.
				Perforatio		Spot 25 sxs on top.
CIBP Plug	7655.00	7690.00	35.00	ns	25.00	Class H.
Shoe Plug	12909.10	13140.00	230.90	Tag/Verify		

No more than 2000' is to be allowed between plugs in open hole, and no more than 3000' between plugs in cased hole.

Class H >7500'

Class C<7500'

Fluid used to mix the cement in R111P shall be saturated with the salts common to the section penetrated, and in suitable proportions, but not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.

Medium, Secretary: Top of salt to surface If no salt take the deepest fresh water or Karst Depth

High, Critical: Bottom of Karst to surface or Deepest fresh water, whichever is greater R111P: 50 Feet from Base of Salt to surface.

Class C: 1.32 ft^3/sx Class H: 1.06 ft^3/sx

Onshore Order 2.III.G Drilling Abandonment Requirements: "All formations bearing usable-quality water, oil, gas, or geothermal resources, and/or a prospectively valuable deposit of minerals shall be protected.

Cave Karst/Potash Cement	Low		
Shoe @ Shoe @	953.00 3700.00		
Shoe @	13090.00	TOC @	3200.00

CIBP @ 7690.00

# BUREAU OF LAND MANAGEMENT Carlsbad Field Office 620 East Greene Street Carlsbad, New Mexico 88220 575-234-5972

# Permanent Abandonment of Federal Wells Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within <u>ninety (90)</u> days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

- 2. <u>Notification:</u> Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-689-5981.
- 3. <u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
- 4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.
- 5. <u>Cement Requirement</u>: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.** 

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10<sup>th</sup> day, the BLM is to be contacted with justification to receive an extension for completing the cut off.

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds). A weep hole shall be left if a metal plate is welded in place.

- 7. <u>Subsequent Plugging Reporting:</u> Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**
- 8. <u>Trash:</u> All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.



# **United States Department of the Interior**

#### BUREAU OF LAND MANAGEMENT

Carlsbad Field Office 620 E. Greene St. Carlsbad, New Mexico 88220-6292 www.blm.gov/nm



In Reply Refer To: 1310

#### **Reclamation Objectives and Procedures**

**Reclamation Objective:** Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its predisturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any/all contaminants, scrap/trash, equipment, pipelines and powerlines (Contact service companies, allowing plenty of time to have the risers and power lines and poles removed prior to reclamation, don't wait till the last day and try to get them to remove infrastructure). Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip (across the slope and seed as specified in the original APD COA. This will apply to well pads, facilities, and access roads. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

- 1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.
- 2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.
- 3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.
- 4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you

have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

- 5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.
- 6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.
- 7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos Supervisory Petroleum Engineering Tech/Environmental Protection Specialist 575-234-5909 (Office), 575-361-2648 (Cell)

Arthur Arias Environmental Protection Specialist 575-234-6230

Crisha Morgan Environmental Protection Specialist 575-234-5987

Jose Martinez-Colon Environmental Protection Specialist 575-234-5951

Mark Mattozzi Environmental Protection Specialist 575-234-5713

Robert Duenas Environmental Protection Specialist 575-234-2229

Trishia Bad Bear, Hobbs Field Station Natural Resource Specialist 575-393-3612

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

CONDITIONS

Action 165859

#### **CONDITIONS**

Operator:	OGRID:
XTO PERMIAN OPERATING LLC.	373075
6401 HOLIDAY HILL ROAD	Action Number:
MIDLAND, TX 79707	165859
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

#### CONDITIONS

Created By	Condition	Condition Date
gcordero	None	12/15/2022



#### U.S. Department of the Interior **BUREAU OF LAND MANAGEMENT**

Sundry Print R Page 151 of 278

Well Name: POKER LAKE CVX JV BS Well Location: T25S / R30E / SEC 14 / County or Parish/State: EDDY /

SESW /

Well Number: 8H Allottee or Tribe Name: Type of Well: OIL WELL

Lease Number: NMLC063873A **Unit or CA Name: Unit or CA Number:** 

**US Well Number: 3001539508** Well Status: Temporarily Abandoned **Operator:** XTO PERMIAN

**OPERATING LLC** 

# **Subsequent Report**

**Sundry ID: 2675113** 

Type of Action: Temporary Abandonment Type of Submission: Subsequent Report

**Date Sundry Submitted:** 06/06/2022 Time Sundry Submitted: 12:51

**Date Operation Actually Began:** 05/26/2022

Actual Procedure: XTO Energy Inc. respectfully submits this subsequent notice to TA the above well. 5/26/2022-6/1/2022: POOH w/ tbg & rods. 6/1/2022: Set 5.5 CIBP @ 8650'. Dumped 4.5 sx class H cmt. WOC. 6/2/2022: TTOC @ 8594' BLM rep Terry Cartwright on site to witness tag. Circ 171 bbls 2% KCL Biocide. 6/3/2022: Perform MIT to 500psi for 30 min—test good. BLM rep Terry Cartwright on site to witness MIT. Well TA'd. MIT chart attached.

## **SR Attachments**

#### **Actual Procedure**

MIT\_20220606125143.pdf

Subseq WBD 20220606125135.pdf

Released to Imaging: 6/13/2024 8:21:38 AM

Received by OCD: 6/12/2024/3530:27PM

Well Location: T25S / R30E / SEC 14 / County or Parish/State: EDD 1 / 1

well Location: 1255 / R30E / SEC 14 /

SESW /

Well Number: 8H Type of Well: OIL WELL Allottee or Tribe Name:

Lease Number: NMLC063873A Unit or CA Name: Unit or CA Number:

US Well Number: 3001539508 Well Status: Temporarily Abandoned Operator: XTO PERMIAN

**OPERATING LLC** 

Accepted for record – NMOCD gc 7/7/2022

## **Operator**

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: CASSIE EVANS Signed on: JUN 06, 2022 12:51 PM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 Holiday Hill Road, Bldg 5

City: Midland State: TX

Phone: (432) 218-3671

Email address: CASSIE.EVANS@EXXONMOBIL.COM

#### **Field**

Representative Name:

Street Address:

City: State: Zip:

Phone:

**Email address:** 

# **BLM Point of Contact**

BLM POC Name: Jonathon W Shepard BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345972 BLM POC Email Address: jshepard@blm.gov

Disposition: Accepted Disposition Date: 07/07/2022

Signature: Jonathon Shepard



Current Status

**Perforations** 

Top (ftKB)

9,250.0

9,748.0

10,210.0

10,672.0

11,134.0

11,596.0

12,058.0

12,520.0

12.982.0

13,444.0

Btm (ftKB)

9,672.0 Open

10,134.0 Open

10,596.0 Open

11,058.0 Open

11,520.0 Open

11,982.0 Open

12,444.0 Open

12,906.0 Open

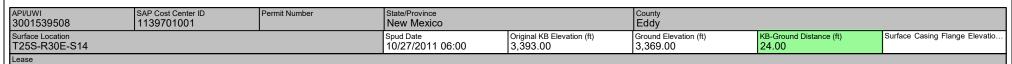
13,368.0 Open

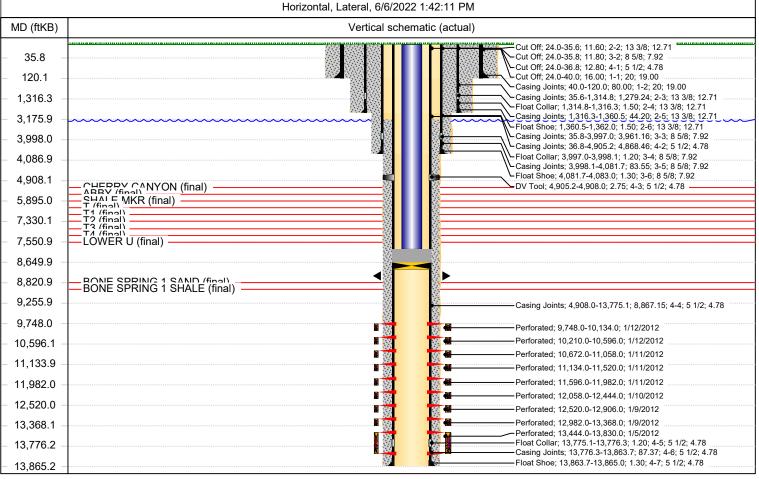
13,830.0 Open



# Wellbore Diagram - RRC

Well Name: POKER LAKE UNIT CVX JV BS 008H





Cement				
Des	Top (ftKB)	Top Meas Meth	Class	Amount (sacks)
Production Casing Cement	4,905.0	Circulated		
Production Casing Cement	3,176.0	Volume Calculations		
Production Casing Cement	4,905.0	Circulated		
Production Casing Cement	3,176.0	Volume Calculations	С	4
Production Casing Cement	4,905.0	Circulated	Poz 35/65	10
Production Casing Cement	3,176.0	Volume Calculations		2
Production Casing Cement	4,905.0	Circulated		31
Production Casing Cement	3,176.0	Volume Calculations	P0Z 35/65	

Released to Imaging: 6/13/2024 8:21:38 AM

XTO Energy

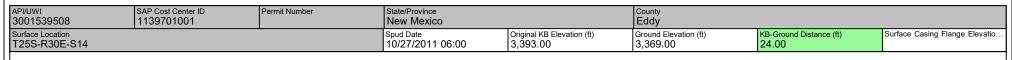
Page 1/2

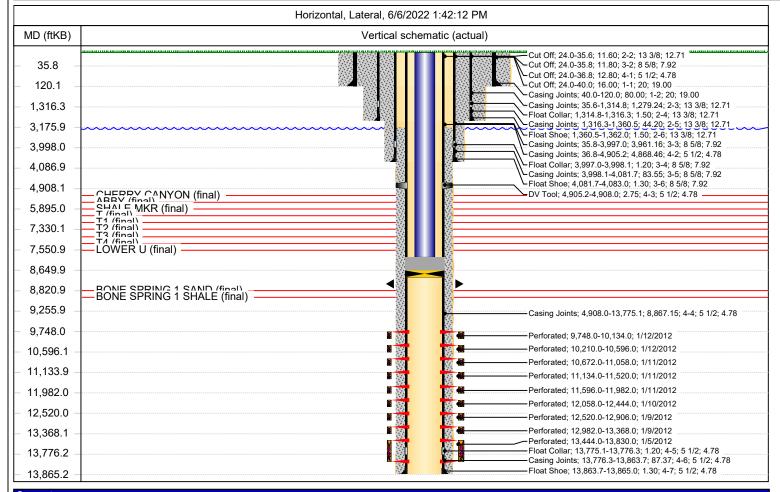
Report Printed: 6/6/2022



# Wellbore Diagram - RRC

Well Name: POKER LAKE UNIT CVX JV BS 008H





Cement				
Des	Top (ftKB)	Top Meas Meth	Class	Amount (sacks)
Production Casing Cement	3,176.0	Volume Calculations		
Production Casing Cement	4,905.0	Circulated		

XTO Energy Page 2/2 Report Printed: 6/6/2022

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

# **State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505**

CONDITIONS

Action 113016

#### **CONDITIONS**

Operator:	OGRID:
XTO PERMIAN OPERATING LLC.	373075
6401 HOLIDAY HILL ROAD	Action Number:
MIDLAND, TX 79707	113016
	Action Type:
	[C-103] Sub. Temporary Abandonment (C-103U)

#### CONDITIONS

Created By	Condition	Condition Date
gcordero	None	7/11/2022

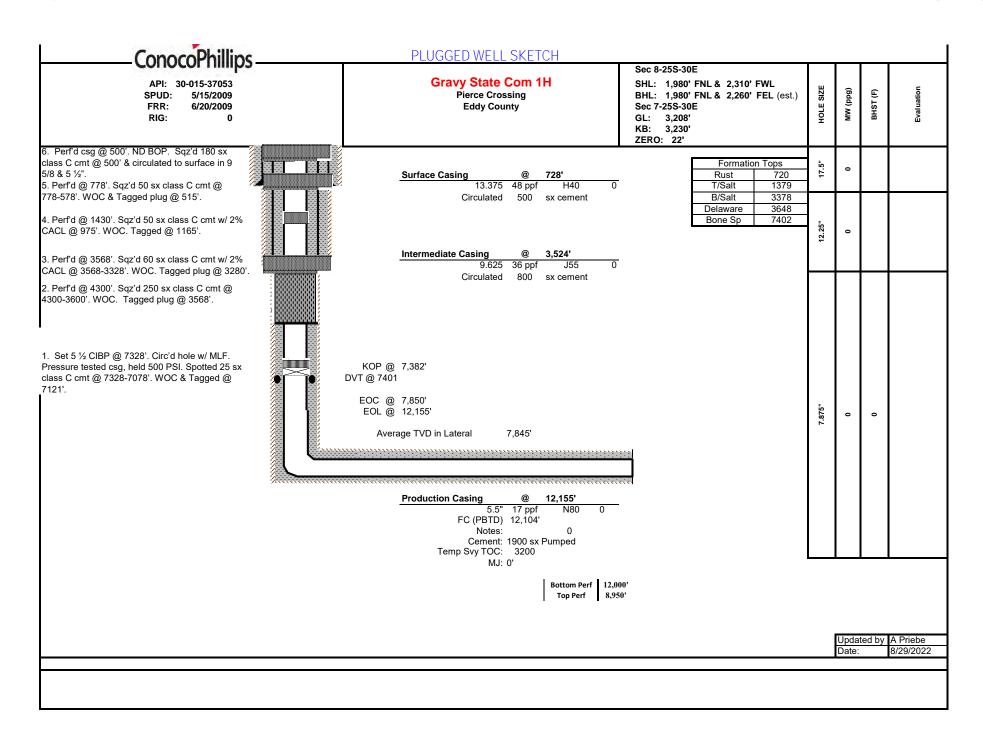
Office	State of New Mo			Form C-103
<u>District I</u> – (575) 393-6161 1625 N. French Dr., Hobbs, NM 88240	Energy, Minerals and Natu	ural Resources	WELL API N	
<u>District II</u> – (575) 748-1283 811 S. First St., Artesia, NM 88210	OIL CONSERVATION	N DIVISION	30-015-37053	
<u>District III</u> – (505) 334-6178	1220 South St. Fra	ncis Dr.	5. Indicate Ty	
1000 Rio Brazos Rd., Aztec, NM 87410 District IV – (505) 476-3460	Santa Fe, NM 8		Gas Lease No.	
1220 S. St. Francis Dr., Santa Fe, NM 87505	, -		o. State on 6	dus Deuse 110.
SUNDRY NO	TICES AND REPORTS ON WELLS OSALS TO DRILL OR TO DEEPEN OR PL			ne or Unit Agreement Name
	JICATION FOR PERMIT" (FORM C-101) F		8. Well Num	
PROPOSALS.)	C W-11 M O41		8. Well Num	per #1H
. Type of Well: Oil Well	Gas Well Other		9. OGRID N	ımher
COG Operating, LLC			229137	anioei
Address of Operator			10. Pool nam	
208 W. Main Street Artesia, N	M 88210		Pierce Crossi	ng; Bone Spring, E 96473
. Well Location				
Unit Letter F:	1980 feet from the N			
Section 8	Township 25S Range		MPM	County Eddy
	11. Elevation (Show whether DR 3208		:.)	
	3200	GK		
	CHANGE PLANS   MULTIPLE COMPL		RILLING OPNS.  IT JOB  and give pertinent	dates, including estimated date
w/ tbg. RIH w/ gyro to 7500 Pressure tested csg, held 500	ecompletion.  nipment. Began POH w/ rods & pu  '. 08/18/22 RU Renegade Wireline, PSI. Spotted 25 sx class C cmt @  mt @ 4300-3600'. WOC. 08/22/22	, ran CBL. POH. \$ 7328-7078'. WOC	Set 5 1/2 CIBP @	
w/ 2% CACL @ 3568-3328'. 975'. WOC. Tagged @ 1165' csg @ 500'. ND BOP. Sqz'd 08/25/22 Moved in backhoe a picture text message. Welded	WOC. Tagged plug @ 3280'. Perf'd @ 778'. Sqz'd 50 sx class ( 180 sx class C cmt @ 500' & circu and welder. Cut off well head & an d on "Above Ground Dry Hole Ma	f'd @ 1430'. 08/23 C cmt @ 778-578' dated to surface in achors. David Alva	568'. Perf'd @ 3 /22 Sqz'd 50 sx . WOC. 08/24/2 1 9 5/8 & 5 ½". F arado w/ OCD v	568'. Sqz'd 60 sx class C cmt class C cmt w/ 2% CACL @ 2 Tagged plug @ 515'. Perf'd tigged down & moved off. erified cmt @ surface via
w/ 2% CACL @ 3568-3328'. 975'. WOC. Tagged @ 1165' csg @ 500'. ND BOP. Sqz'd 08/25/22 Moved in backhoe a picture text message. Welded and moved off.	. WOC. Tagged plug @ 3280'. Perf'. Perf'd @ 778'. Sqz'd 50 sx class (180 sx class C cmt @ 500' & circuand welder. Cut off well head & an	f'd @ 1430'. 08/23 C cmt @ 778-578' clated to surface in achors. David Alva arker". Backfilled	568'. Perf'd @ 3/22 Sqz'd 50 sx ( WOC. 08/24/2/2. 9 5/8 & 5 ½". Farado w/ OCD v cellar, cut off doproved for plugging nd is retained pendito 103Q (Subsequent R	5568'. Sqz'd 60 sx class C cmt class C cmt w/ 2% CACL @ 2 Tagged plug @ 515'. Perf'd tigged down & moved off. erified cmt @ surface via cadmen, cleaned location, of well bore only. Liability undering Location cleanup & receipt of eport of Well Plugging) which Web Page, OCD Permitting @
w/ 2% CACL @ 3568-3328'. 975'. WOC. Tagged @ 1165' csg @ 500'. ND BOP. Sqz'd 08/25/22 Moved in backhoe a picture text message. Welder and moved off.	WOC. Tagged plug @ 3280'. Perf'd @ 778'. Sqz'd 50 sx class 6'. Perf'd @ 778'. Sqz'd 50 sx class 6'. 180 sx class C cmt @ 500' & circu and welder. Cut off well head & and on "Above Ground Dry Hole Ma	f'd @ 1430'. 08/23 C cmt @ 778-578' ulated to surface in achors. David Alva urker''. Backfilled	568'. Perf'd @ 3/22 Sqz'd 50 sx / . WOC. 08/24/2/ . 9 5/8 & 5 ½". Farado w/ OCD v cellar, cut off doproved for plugging nd is retained pendi 103Q (Subsequent Ray be found at OCD vww.emnrd.state.nm.	5568'. Sqz'd 60 sx class C cmt class C cmt w/ 2% CACL @ 2 Tagged plug @ 515'. Perf'd tigged down & moved off. erified cmt @ surface via cadmen, cleaned location, of well bore only. Liability undering Location cleanup & receipt of eport of Well Plugging) which Web Page, OCD Permitting @
w/ 2% CACL @ 3568-3328'. 975'. WOC. Tagged @ 1165' csg @ 500'. ND BOP. Sqz'd 08/25/22 Moved in backhoe a picture text message. Welder and moved off.	WOC. Tagged plug @ 3280'. Perf'd @ 778'. Sqz'd 50 sx class 6'. 180 sx class C cmt @ 500' & circu and welder. Cut off well head & and on "Above Ground Dry Hole Ma	f'd @ 1430'. 08/23 C cmt @ 778-578' ulated to surface in achors. David Alva urker''. Backfilled	568'. Perf'd @ 3/22 Sqz'd 50 sx / . WOC. 08/24/2/ . 9 5/8 & 5 ½". Farado w/ OCD v cellar, cut off doproved for plugging nd is retained pendi 103Q (Subsequent Ray be found at OCD vww.emnrd.state.nm.	5568'. Sqz'd 60 sx class C cmt class C cmt w/ 2% CACL @ 2 Tagged plug @ 515'. Perf'd tigged down & moved off. erified cmt @ surface via cadmen, cleaned location, of well bore only. Liability under ng Location cleanup & receipt of eport of Well Plugging) which Web Page, OCD Permitting @
w/ 2% CACL @ 3568-3328'. 975'. WOC. Tagged @ 1165' csg @ 500'. ND BOP. Sqz'd 08/25/22 Moved in backhoe a picture text message. Welder and moved off.  pud Date:	NWOC. Tagged plug @ 3280'. Perf'd @ 778'. Sqz'd 50 sx class C 180 sx class C cmt @ 500' & circu and welder. Cut off well head & and on "Above Ground Dry Hole Ma  Rig Release D  Rig Release D  TITLE Ruth	f'd @ 1430'. 08/23 C cmt @ 778-578' clated to surface in achors. David Alva arker". Backfilled  pate:    C-: ma	568'. Perf'd @ 3 /22 Sqz'd 50 sx . WOC. 08/24/2/ . 9 5/8 & 5 ½". Farado w/ OCD v cellar, cut off de proved for plugging nd is retained pendi 103Q (Subsequent R ay be found at OCD v ww.emnrd.state.nm. ge and belief.	568'. Sqz'd 60 sx class C cmt class C cmt w/ 2% CACL @ 2 Tagged plug @ 515'. Perf'd tigged down & moved off. erified cmt @ surface via cadmen, cleaned location, of well bore only. Liability undering Location cleanup & receipt of eport of Well Plugging) which Web Page, OCD Permitting @ us











District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720 District II

811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720 District III

1000 Rio Brazos Rd., Aztec, NM 87410 Phone:(505) 334-6178 Fax:(505) 334-6170

1220 S. St Francis Dr., Santa Fe, NM 87505 Phone:(505) 476-3470 Fax:(505) 476-3462

**State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division** 1220 S. St Francis Dr. **Santa Fe, NM 87505** 

CONDITIONS

Action 149122

#### CONDITIONS

Operator:	OGRID:
COG OPERATING LLC	229137
600 W Illinois Ave	Action Number:
Midland, TX 79701	149122
	Action Type:
	[C-103] Sub. Plugging (C-103P)

#### CONDITIONS

Created		Condition Date
gcord	ro None	10/6/2022

#### **Operational Plan**

#### **WELLSITE CLGC**

XTO will monitor the following items on each Closed Loop Gas Capture well via SCADA system:

- I. Injection flowrate and volume
  - a. Instantaneous rate
  - b. Total injection volume by day
- II. Tubing pressure
- III. Casing pressure for all strings
- IV. Safety devices
  - a. Pressure kills have an automated kill sequence that is initiated by SCADA system readings.
  - b. Injection pressure kills on the injection path at wellhead.
  - c. Relief Valves for both production and gas storage/injection streams to prevent overpressure (not monitored via SCADA other than pressure trend).
  - d. Control of injection rate and pressures via control valve at each well injection stream.
  - e. Control of production stream via automated choke valves to ensure controlled production and prevent over pressurization of flowline.

## **CENTRAL TANK BATTERY (CTB)**

XTO will monitor the following items at our CTBs via SCADA system:

- I. Production rates (oil, gas & water)
- II. Safety devices
  - a. Flares at the CTB.
  - b. Injection pressure kills on production/gas storage stream of injection.
  - c. Emergency shutdown (ESD) of wells that are local and remote for automatic shut-downs to save the system.
  - d. Control of injection rate and pressures via control valve at each well injection stream.

#### **GAS COMPRESSOR STATION (CS)**

XTO will monitor the following items at CSs via SCADA system:

- I. Safety devices
  - a. Discharge/injection pressure kills of each compressor and for the station.
  - b. Relief Valves on 3rd stage of compressors, to prevent over pressurization (not monitored via SCADA other than pressure trend).
  - c. Station recycle valves (that recycle discharge pressure back to suction) if the pressure is getting too high for the compressor or station.
- II. Install standardized automated choke valves.

#### SUPERVISORY CONTROL AND DATA ACQUISITION (SCADA)

XTO Energy SCADA system consists of PLCs at each CTB, wellsite, and compressor station.



- I. The Programmable Logic Controller (PLCs) will activate immediately (within seconds or minutes) as programmed to automatically save the system as required; for the system and certain device shut down(s).
- II. The High Alarms and High-High Alarms will be logged and registered in the SCADA system. The system will notify the production techs to acknowledge the alarm & take action.

## **ENVIRONMENTAL/SPILL RESPONSE**

XTO will report and track any spill recordable and non-recordable.

- I. Any spill or gas release will be reported by operations per regulations to make the report of spill/release. The fluid type and release amount will be disclosed along with location details; and if it's a recordable or non-recordable spill.
- II. Liquids will be contained and isolated and vacuum trucks will be utilized to recover and record the amount of liquid recovered. Additional reclamation will be coordinated to ensure proper recovery of contaminated spills.

## STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION OF XTO PERMIAN OPERATING, LLC FOR A CLOSED LOOP GAS CAPTURE INJECTION PILOT PROJECT, EDDY COUNTY, NEW MEXICO.

**CASE NO. 24273** 

### SELF-AFFIRMED STATEMENT OF ISAAC OLIVAS

- 1. My name is Isaac Olivas and I am employed by XTO Permian Operating, LLC ("XTO") as a Greenhouse Gas Brownfield Facility Program Manager.
- 2. I have not previously testified before the New Mexico Oil Conservation Division as an expert in surface facilities; therefore, I have attached my curriculum vitae as **XTO Exhibit B-1**. I believe my credentials qualify me to testify as an expert in surface facilities in this matter.
- 3. I am familiar with the application filed by XTO in this case, and the Division guidance and requirements regarding closed loop gas capture injection ("CLGC") projects such as this one. I also prepared exhibits in support of this application from pages 12 through 38 in **XTO**Exhibit A to XTO's application in this case.
- 4. In this case, XTO seeks an order approving a 12,800-acre, more or less, CLGC Pilot Project comprising portions of twenty sections within Township 25 South, Range 30 East, NMPM, Eddy County, New Mexico (the "Project Area"), as follows:

## Township 25 South, Range 30 East

 Section 8:
 E/2 SE/4

 Section 13:
 W/2 W/2

 Section 14:
 E/2 W/2

 Section 15:
 E/2 W/2

 Section 17:
 E/2

 Section 20:
 E/2 E/2

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Revised Exhibit No. B
Submitted by: XTO Permian Operating
Hearing Date: June 13, 2024

Case no. 24273

Section 21: W/2 W/2
Section 22: E/2 W/2
Section 23: W/2 W/2
Section 24: W/2 W/2
Section 26: W/2 NW/4
Section 29: E/2 NE/4

- 5. The proposed project area is part of a larger area referred to as the Poker Lake Unit ("PLU") area. A locator map identifying the general location of XTO's proposed PLU CLGC Project is included in **XTO Exhibit A** at page 45.
- 6. XTO requests an initial project duration of two years. XTO also requests the ability to administratively extend the project without the need for a hearing.
- 7. Within the proposed project area, XTO seeks authority to utilize the following producing wells to occasionally inject produced gas into the Avalon, First Bone Spring, Second Bone Spring, and Third Bone Spring intervals within the Bone Spring formation, as identified on the area index map, included at page 49 of **XTO Exhibit A**:
  - a. The **POKER LAKE UNIT CVX JV RR 010H** (API No. 30-015-42158) with surface hole location 290 feet FSL and 675 feet FEL (Unit P) in Section 17, Township 25 South, Range 30 East, and a bottom hole location 2,374 feet FNL and 348 feet FEL (Unit H) in Section 29, Township 25 South, Range 30 East, NMPM, Eddy, New Mexico.
  - b. The POKER LAKE CVX JV RR 006H (API No. 30-015-40580) with surface hole location 125 feet FNL and 400 feet FWL (Unit D) in Section 21, Township 25 South, Range 30 East, and a bottom hole location 101 feet FSL and 389 feet FWL (Unit M) in Section 21, Township 25 South, Range 30 East, NMPM, Eddy, New Mexico.

- c. The **POKER LAKE CVX JV PB 005H** (API No. 30-015-40763) with surface hole location 325 feet FNL and 1,980 feet FWL (Unit C) in Section 22, Township 25 South, Range 30 East, and a bottom hole location 333 feet FSL and 1,974 feet FWL (Unit N) in Section 22, Township 25 South, Range 30 East, NMPM, Eddy, New Mexico.
- d. The POKER LAKE CVX JV BS 025H (API No. 30-015-41639) with surface hole location 181 feet FNL and 660 feet FWL (Unit D) in Section 23, Township 25 South, Range 30 East, and a bottom hole location 2,340 feet FNL and 660 feet FWL (Unit E) in Section 26, Township 25 South, Range 30 East, NMPM, Eddy, New Mexico.
- e. The **POKER LAKE CVX JV BS 022H** (API No. 30-015-41693) with surface hole location 85 feet FSL and 740 feet FWL (Unit M) in Section 13, Township 25 South, Range 30 East, and a bottom hole location 35 feet FSL and 666 feet FWL (Unit M) in Section 24, Township 25 South, Range 30 East, NMPM, Eddy, New Mexico.
- f. The **POKER LAKE CVX JV PC COM 021H** (API No. 30-015-42390) with surface hole location 330 feet FSL and 675 feet FEL (Unit P) in Section 17, Township 25 South, Range 30 East, and a bottom hole location 2,315 feet FSL and 671 feet FEL (Unit I) in Section 8, Township 25 South, Range 30 East, NMPM, Eddy, New Mexico.
- g. The **POKER LAKE UNIT CVX JV PC 1H** (API No. 30-015-36635) with surface hole location 350 feet FSL and 350 feet FEL (Unit P) in Section 17, Township 25 South, Range 30 East, and a bottom hole location 368 feet FNL

- and 401 feet FEL (Unit A) in Section 17, Township 25 South, Range 30 East, NMPM, Eddy, New Mexico.
- h. The POKER LAKE CVX JV BS 011H (API No. 30-015-39693) with surface hole location 10 feet FNL and 1,980 feet FWL (Unit C) in Section 22, Township 25 South, Range 30 East, and a bottom hole location 226 feet FNL and 1,936 feet FWL (Unit C) in Section 15, Township 25 South, Range 30 East, NMPM, Eddy, New Mexico.
- i. The POKER LAKE CVX JV BS 008H (API No. 30-015-39508) with surface hole location 300 feet FSL and 1,980 feet FWL (Unit N) in Section 14, Township 25 South, Range 30 East, and a bottom hole location 357 feet FNL and 1,982 feet FWL (Unit C) in Section 14, Township 25 South, Range 30 East, NMPM, Eddy, New Mexico.
- j. The POKER LAKE CVX JV BS 021H (API No. 30-015-41554) with surface hole location 125 feet FSL and 690 feet FWL (Unit M) in Section 13, Township 25 South, Range 30 East, and a bottom hole location 51 feet FNL and 653 feet FWL (Unit D) in Section 13, Township 25 South, Range 30 East, NMPM, Eddy, New Mexico.
- 8. Injection along the horizontal portion of the wellbores will be at the following approximate true vertical depths:
  - k. The POKER LAKE UNIT CVX JV RR 010H between 10,136 feet and 10,192 feet, within the Corral Canyon, Bone Spring, South Pool [Pool Code 13354];

- 1. The **POKER LAKE CVX JV RR 006H** between 8,266 feet and 8,348 feet, within the Corral Canyon, Bone Spring, South Pool [Pool Code 13354];
- m. The POKER LAKE CVX JV PB 005H between 9,075 feet and 9,101 feet, within the Corral Draw, Bone Spring Pool [Pool Code 96238];
- n. The POKER LAKE CVX JV BS 025H between 9,883 feet and 9,947 feet, within the Corral Canyon, Bone Spring, South Pool [Pool Code 13354];
- o. The **POKER LAKE CVX JV BS 022H** between 9,202 feet and 9,276 feet, within the Wildcat G-015 S263001O; Bone Spring Pool [Pool Code 97814];
- p. The **POKER LAKE CVX JV PC COM 021H** between 10,124 feet and 10147', within the Corral Canyon; Bone Spring, South Pool [Pool Code 13354];
- q. The **POKER LAKE UNIT CVX JV PC 1H** between 8, 232 feet and 8,331 feet, within the Wildcat S253017P; Bone Spring Pool [Pool Code 97748];
- r. The **POKER LAKE CVX JV BS 011H** between 8,433 feet and 8,474 feet, within the Wildcat Big Sing; Bone Spring Pool [Pool Code 96654];
- s. The **POKER LAKE CVX JV BS 008H** between 9,153 feet and 9216 feet, within the Wildcat G-06 S253002O; Bone Spring Pool [Pool Code 97913]; and
- t. The POKER LAKE CVX JV BS 021H between 9,118 feet and 9,281 feet, within the Wildcat G-06 S253002O; Bone Spring Pool [Pool Code 97913].
  XTO Exhibit A at 19-38.
- 9. A summary overview of the pilot project is located at page 13 of **XTO Exhibit A**.
- 10. A process flow diagram of the closed loop gas capture system is in **XTO Exhibit A** at pages 13-16. The diagram on page 13 reflects the current and proposed system to be used for gas storage. XTO will utilize the existing gas lift infrastructure, so no changes are shown. During

normal operations, produced fluids flow from the wells to the Central Tank Batteries (CTBs). The source wells, which consist of all wells connected to the CTBs, produce from the Bone Spring formation. Oil, water, and gas are separated out and leave the CTBs. Oil is sold through the Lease Automatic Custody Transfer (LACT) at each CTB, water is sent to a disposal well, and gas enters the Low Pressure Gas Pipeline. Gas can then be sold to the XTO Takeaway, flared, or delivered to the Centralized Gas Lift (CGL) Stations for compression and re-injection as gas lift gas. After the gas goes through the CGL Stations, the pressure increases to a maximum of 1250 psig in the Centralized Gas Lift (CGL) Pipeline. Then it flows back to the wells with gas lift systems. The flow of fluids is similar yet different during a gas storage event. A gas storage event is initiated when gas cannot be sold to XTO Cowboy Central Delivery Point (CDP) and the source wells are not shut-in. The major changes are to the Gas Takeaways (which cease taking gas) and the CLGC wells (which cease producing and become CLGC wells for temporary injection). Since gas cannot be sold, it will begin to build up in the Low-Pressure Gas Pipeline as wells continue to produce oil, water, and gas. Once the pressure in the Low-Pressure Gas Pipeline increases to a certain point, the CLGC wells will be activated in a cascade fashion. CLGC wells are activated by closing the Shutdown Valve (SDV) at the wellhead. If the pressure in the Low-Pressure Gas Pipeline does not decrease, an additional CLGC well will be activated. Additional CLGC wells will be activated in this cascade system. When the interruption ends, and gas can once again be sold to XTO Cowboy CDP, the gas injection event ends. The Shutdown Valves open and the CLGC wells produce down the flowline to a test separator at the CTB for measurement.

11. A map depicting the pipeline that ties the CLGC wells for the pilot project into the gathering system and the affected compressor stations is included in the attached **XTO Exhibit A** 

at page 16. Satellite imagery of the pipeline network and Compressor Stations belonging to XTO, which supply Cowboy CDP. Gas source wells are not on this map.

- 12. Data for each CLGC well, including well diagrams and well construction, casing, tubing, packers, cement, perforations, and other details for each proposed injection well are included in the attached **XTO Exhibit A** at pages 69-91. All wells have gas lift systems which inject down the casing and produce up the tubing with a packer in the hole.
- 13. XTO CLGC well packer depths and confining layers as shown in the attached **XTO Exhibit B-2.**
- 14. Cement bond logs for each of the CLGC wells demonstrate the placement of cement in the CLGC wells for this pilot project, and that there is a good and sufficient cement bond with the production casing and the tie-in of the production casing with the next prior casing in each well.
- 15. The current average surface pressures under normal operations for the CLGC wells range from approximately 850 to 950 pounds per square inch (psi). *See* **XTO Exhibit A** at page 67. The maximum allowable surface pressure (MASP) for the wells in the pilot project will be 1,250 psi. *Id*.
- 16. The proposed MASP, assuming a full column of reservoir brine water, will not exert a pressure at the top perforation more than 90% of the production casing or liner's burst pressure. *Id.* For three of the ten wells, the MASP may exceed 0.14 psi/ft, reaching up to 0.15 psi/ft, but calculations show that the proposed MASP, assuming a full column of reservoir brine water, will still not exert a pressure at the top perforation more than 90% of the production casing or liner's burst pressure. *Id.*

- 17. XTO plans to monitor injection and operational parameters for the pilot project using an automated supervisory control and data acquisition (SCADA) system with pre-set alarms and automatic shut-in safety valves that will prevent injection pressures from exceeding the MASP. See XTO Exhibit A at pages 159-160. The wellhead diagram for all CLGC wells is found in XTO Exhibit A at page 15. Injection starts at the flowmeter where the injection rate is measured and moves through the following components: first, the injection flow control valve which controls the injection pressure, the casing safety shutdown valve (SSV), which can open and close automatically, the casing-tubing annulus, the tubing, the tubing SSV, which can open and close automatically and is also closed when a CLGC well is activated, and finally another flow control valve (FCV), which controls flowline pressure. Pressure Indicating Transmitters (PITs) are located on the casing valve and tubing valves. PITs capture pressure data that is stored in the SCADA system and then used to automatically control the SSVs and FCVs.
- 18. The proposed average daily injection rate is 5 MMSCF/day with an expected maximum injection rate of 6 MMSCF/day during injection. See XTO Exhibit A at page 67.
- 19. Mechanical Integrity Tests (MITs) were completed on all ten wells within the last twelve months. The results of the tests, including charts depicting the surface pressure and test duration are in **XTO Exhibit A** at pages 92-103. The tested pressures equal or exceed 110% of the proposed MASP.
- 20. The source of gas for injection will be from XTO's PLU wells producing in the Bone Spring and Wolfcamp formations that are identified in the list of wells in **XTO Exhibit A** at pages 104-113. Each of XTO's proposed injection wells are operated by XTO.
- 21. XTO has prepared an analysis of the composition of the source gas for injection.

  See XTO Exhibit A at pages 114-120. Source wells flow to multiple CTBs. From there gas flows

to the CGL Stations. Gas analyses have been provided for the CGL Stations and the formation for gas injection. The gas analyses for the CGL Stations are similar to the gas analyses for the zones for gas injection. H2S is not found in any of the gas analyses. CO2 is found in all the analyses at various amounts.

- 22. Since CO2 is already present in this system, XTO intends to continue with its existing Corrosion Prevention Plan in these CLGC wells outlined at XTO Exhibit B-3. In the existing Corrosion Prevention Plan, produced gas is processed through a gas dehydration unit to remove water. Periodic fluid samples will be collected and checked for iron, manganese, and residual corrosion inhibitor in the produced fluids. XTO will monitor and take fluid samples as needed to adjust the chemical treatment over the life of the well to minimize corrosion.
- 23. Using an automated supervisory control and data acquisition (SCADA) system, XTO will monitor a multitude of rates and pressures to allow for efficient and safe operation, proper allocation and reporting of volumes, and immediate response to unexpected events. *See* XTO Exhibit A at pages 159-160. Each CLGC well will also include automated safety devices, including automatic shut-in valves among other operational safety measures. XTO will also monitor and track various operational parameters at the pilot project's central tank battery and central gas lift compressor. *Id*.
- 24. I also conducted an analysis of the half-mile area of review and two-mile area surrounding each of the proposed CLGC wells. A map depicting wells and their trajectories within the half-mile area of review and two-mile radius around the injection wells is included in **XTO Exhibit A** at pages 122-123. These maps also identify each surface tract by ownership type within the half-mile area of review and two-mile area surrounding each of the proposed injection wells, in addition to all wells identified with completed laterals either completely or partially within the

half-mile area of review. It assigns a well identification number to each well within the area of review that may be cross referenced in the following well data tabulation chart in **XTO Exhibit A** at pages 124-127. The well data tabulation chart provides detailed information for well identification, lease name and well number, well type and status, surface location, date drilled, total vertical depth, total measured depth, and current producing pool for each well.

- 25. Wellbore schematics for all of the wells that penetrate the top of the proposed injection interval and have been plugged and abandoned are included at pages 128-158 in XTO Exhibit A and XTO Exhibit B-4. Review of the Division's well files and wellbore diagrams indicate adequate casing, cement, and cement plug placement to sufficiently contain gas within the injection interval.
- As stated in the application, XTO proposes to use a mass balance method to allocate between injected produced gas and native reservoir gas following an injection event. *See* XTO Exhibit A at page 17. XTO Exhibit B-5 provides a depiction of the proposed allocation method. As a check, XTO will conduct a GOR Gas Allocation Method analysis that is similar to the method used by OXY USA Inc. in Order No. R-22206. Following a storage event, the GOR Gas Allocation Method analysis will be conducted to confirm recovery of previously stored gas (owned by the owners of the source wells). I believe the proposed mass balance method to allocate between injected produced gas and native reservoir gas is a fair and reasonable method for allocating gas production after a storage event. The GOR Gas Allocation Method analysis is expected to confirm the reasonableness of XTO's approach.
- 27. Working with XTO's in-house land department, I also prepared a list of affected parties required to receive notice of this application. The map on pages 122-123 of **XTO Exhibit A** reflects that the surface owners include New Mexico State Land Office ("NMSLO") and Bureau

of Land Management ("BLM") lands. The map depicts the area of review and identifies the designated operator for each tract that falls within the half-mile area of review for each of the wells within the Bone Spring formation.

- 28. Pages 124-127 of **XTO Exhibit A** identify all leasehold operators and other affected persons within any tract wholly or partially contained within one-half mile of the completed interval of the wellbore for each of the proposed injection wells entitled to notice in accordance with Division regulations, including the NMSLO and BLM as the surface owners where each CLGC well is located.
- 29. Parties entitled to notice were identified based on a determination of the title of lands and interests as recorded in the records of Eddy County or from a review of New Mexico Oil Conservation Division ("NMOCD") and BLM operator records as of the time the application was filed or from XTO's internal records (division orders).
- 30. It is my opinion that XTO undertook a good faith effort to locate and identify the correct parties and valid addresses required for notice within the half-mile area of review. To the best of my knowledge the addresses used for notice purposes are valid and correct. There were no unlocatable parties for whom we were unable to locate a valid address.
- 31. I provided the law firm of Holland & Hart LLP a list of names and addresses of the affected parties identified on pages 124-127 of **XTO Exhibit A** for purposes of providing notice.
- 32. As reflected on **XTO Exhibit E**, notice of this application was provided in accordance with 19.15.26.8(B)(2) NMAC. Notice was also published in the Hobbs Daily News.
- 33. **XTO Exhibits B-1** through **B-5** were either prepared by me or compiled under my direction and supervision.

34. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.

Isaac Olivas

5-20-24 Date

#### Isaac Olivas

#### **Contact Information**

- Email: isaac.olivas@exxonmobil.com
- Phone: (432) 215-7974
- LinkedIn: linkedin.com/Isaac-olivas-59871686

## **Objective**

A seasoned Surface Facilities Engineer with over 9 years of experience in the oil and gas industry, I have spent the past four years leading engineering teams focused on the design, implementation, and optimization of processing facilities. My goal is to leverage my extensive expertise to enhance efficiency, sustainability, and innovation in surface engineering projects.

## **Professional Experience**

### Greenhouse Gas (GHG) Brownfield Program Manager (Permian Net Zero)

XTO Energy, Midland TX

January 2022 - Present

 This role involves leading a team of 13 engineers and engineering technicians to implement effective greenhouse gas (GHG) reduction strategies in the Permian Business Unit, ensuring meaningful and measurable environmental impact.

## **Team Lead, Facilities Design Team**

XTO Energy, Midland TX

August 2019 - December 2021

 Oversaw a specialized, central unit within the Permian Business Unit, composed of design, technical, and engineering professionals. This leadership role is responsible for guiding the team

 which includes 6 remote BTC employees and 4 local contractors -- in delivering comprehensive facility engineering packages for both Greenfield and Brownfield projects. These efforts directly support the well development program, ensuring strategic alignment and operational excellence.

#### Facilities Engineer, Midland Basin

XTO Energy, Midland TX

September 2018 - July 2019

Directed the execution of approximately \$20M in annual capital projects, encompassing both
greenfield and brownfield developments. This role was pivotal in supporting the new well
development program in Endeavor Main within Midland Basin, ensuring strategic project delivery
and operational advancements.

## **Facilities Engineer, Midland Basin**

Callon Petroleum Company, Midland TX

April 2017 - August 2018

Spearheaded facility projects for two of the company's four Permian assets, overseeing a
portfolio valued at approximately \$30M in capital projects. Managed a team of six construction
site supervisors, ensuring the provision of essential facility infrastructure needed for executing
the drilling and completion programs. This role was crucial in aligning infrastructure development
with strategic operational goals.

## Facilities Engineer, Southeast New Mexico and Texas, Permian Conventional

ConocoPhillips, Midland TX

June 2014 - March 2017

 Supported facilities operations for a base production of 5 million barrels of oil equivalent per day (MBOED), managed a process safety management (PSM) CO2 injection plant, and oversaw a \$5M annual capital expenditure. This role was integral to ensuring the efficiency and safety of ConocoPhillip's conventional operations in the Permian in Southeast New Mexico and Texas.

#### Education

Bachelor of Science in Mechanical Engineering
University of Texas of the Permian Basin, Odessa, TX
Graduated May 2014

PLU CLGC		1	2	3	4	5	6	5-3	6-4	5-1
			Bottom of Top of Confining Layer	Top Perf	Top Perf (TVD		Packer Depth	Packer-Top		Distance between Top of Top confining layer (MD) and Packer
Well Name	Bench	(MD)	(MD)	(MD ft)	ft)	ft)	(TVD ft )	Perf (MD ft)	Perf (TVD ft)	Depth (MD)
Poker Lake CVX JV BS 011H	Avalon Lower	7791	7936	8,363	8,328	8,301	8,279	62	49	510
Poker Lake CVX JV BS 021H	BSPG2 UPPER 1	8566	8791	9,180	9,118	8,653	8,652	527	466	87
Poker Lake CVX JV BS 022H	BSPG2 UPPER 1	8646	8871	9,358	9,201	9,196	9,113	162	88	550
Poker Lake CVX JV PB 005H	BSPG2 UPPER 1	8646	8712	9,274	9,084	9,036	8,967	238	117	390
Poker Lake CVX JV PC Com 021H	BSPG3 LOWER	9652	10121	10,432	10,147	9,619	9,618	813	529	(33)
Poker Lake Unit CVX JV BS 008H	BSPG2 UPPER 2	9210	9410	9,748	9,215	9,181	9,110	567	105	(29)
Poker Lake Unit CVX JV BS 025H	BSPG2 LOWER	9195	9516	10,286	9,942	9,755	9,721	531	221	560
Poker Lake Unit CVX JV PC 001H	Avalon Lower	7570	7700	8,513	8,281	8,062	8,034	451	246	492
Poker Lake Unit CVX JV RR 006H	Avalon Lower	7570	7729	8,528	8,348	8,279	8,217	249	131	709
Poker Lake Unit CVX JV RR 010H	BSPG3 LOWER	9651	10082	10,494	10,192	9,620	9,617	874	575	(31)

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. B-2
Submitted by: XTO Permian Operating

Hearing Date: March 21, 2024 Case No. 24273

#### **Corrosion Prevention Plan**

## **Current Monitoring Program**

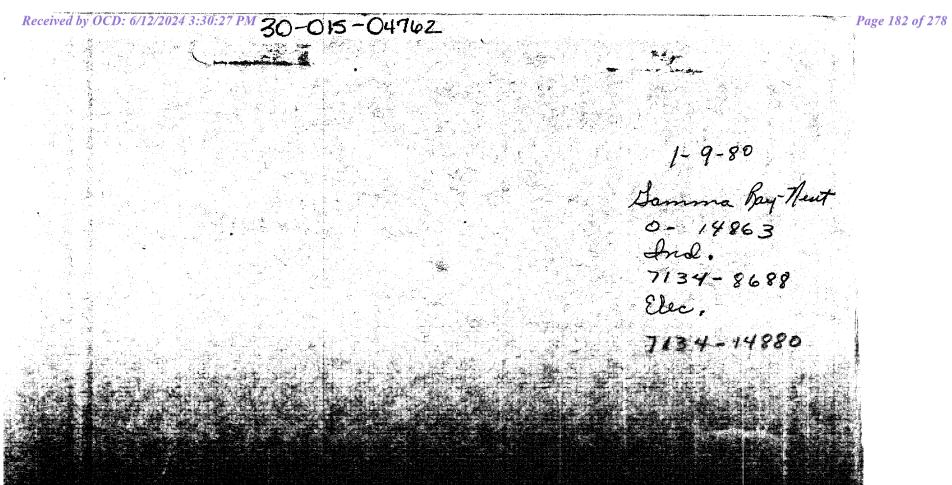
- Complete Water Analysis Every 2 years for producing well, every 2 weeks after repair, AL upgrade, frac or RWTP.
- Corrosion Coupons After repair, AL upgrade, frac or RWTP if bad actor
- ATP Analysis (Bacteria) After repair, AL upgrade, frac or RWTP if bad actor
- Water Quality Analysis After repair, AL upgrade, frac or RWTP if bad actor
- Solid Deposit Analysis During failure pull
- Phosphate Residuals (PO4) Monthly until below MED for all wells treated for scale control based on deposits found during workover.

## **Pickling Treatments**

- Biocide will be used to batch treat flush water.
- Chemical volumes, flush volumes, and frequency to be determined per lease specific SOP.

XTO will continue the existing corrosion prevention plan in place for the gas lift system due to the similar nature of gas storage operations.

- Produced gas is processed through a gas dehydration unit to remove water.
- Fluid samples will be taken prior to injection to establish a baseline analysis.
- Monitor and take fluid samples as needed to adjust the chemical treatment over the life of the project.





NC TOPS PER LLB

PENN - 13181

STRAWN - 13455

ATOKA - 13588

MOR. LS - 14379

Mar. c1 - 14658

EL PASO NATURAL GAS CO.
Poker Lake Unit #3

22-25S-30E

Copy on t to dis.

For (F	Form 9-331a (Feb. 1951)							
			-					
	<b>-</b> -							

## (SUBMIT IN TRIPLICATE)

## UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

Land Office 063875
Lease No
Unit

	OLOGIONIL GOV		
SUNDRY NOTICES	S AND RE	PORTS ON WELL	S
NOTICE OF INTENTION TO DRILL	SUBSEQUI SUBSEQUI SUBSEQUI SUBSEQUI SUPPLEM	ENT REPORT OF WATER SHUT-OFF ENT REPORT OF SHOOTING OR ACIDIZIN ENT REPORT OF ALTERING CASING ENT REPORT OF RE-DRILLING OR REPAI ENT REPORT OF ABANDONMENT ENTARY WELL HISTORY PORT, NOTICE, OR OTHER DATA)	R
(INDICATE ABOVE BY CHECK	MARK NATORE OF RE	September 3	, 19 <b>55</b>
Well No. 3 is located 1330 ft.  (1/4 Sec. and Sec. No.)  (Field)  The elevation of the derrick floor above sec.	(Range)	(Meridian)  Rev Karico  (State or Territ	
n	ETAILS OF W	ORK.	
It is our intention to drill the depth of 15,000 feet in the Pentile propose to set easing at the 20° 0. D. Sif H-iD & 550 feet	e Poker Lake maylvanian for following do	Unit No. 3 well to an ormation.	approximate
			Server was
I understand that this plan of work must receive ap			
Company M. PASO MATURAL CAS COM	PART as agun	for RICHARDSON & BASS	
Address P.O. 201 1384		1 17	/
JAL, WHE MEXICO		By Gary C. LINK Title Division Goolog	Let.

U. S. GOVERNMENT PRINTING OFFICE 16-8437-5

(Feb. 1	951)	,	
-			
1	i	:	

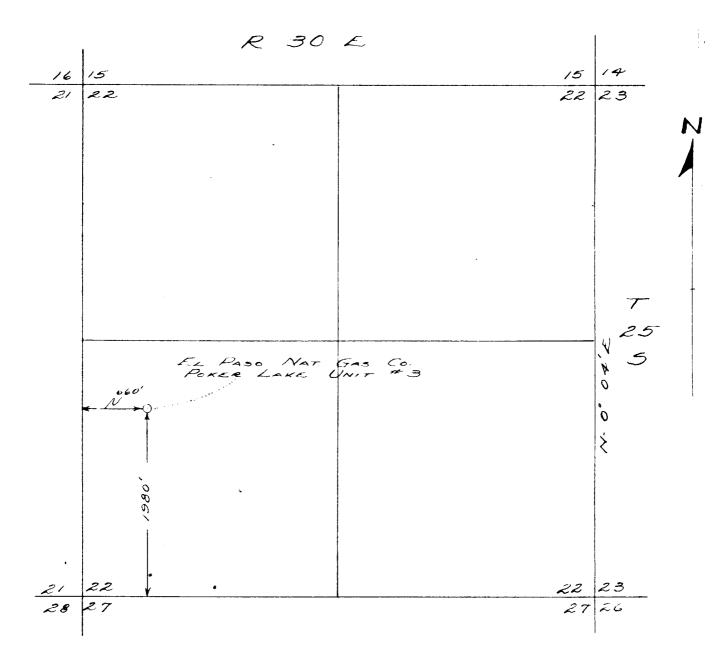
(SUBMIT IN TRIPLICATE)

## UNITED STATES DEPARTMENT OF THE INTERIOR **GEOLOGICAL SURVEY**

and Offic		Resvell				
		063875-				
	Poker					

	NTION TO DRILL	<del> </del>	SUBSEQUENT REPORT OF WATER SHUT-OFF	1 1
	NTION TO CHANGE PLANS NTION TO TEST WATER SHUT-OFF	l i	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
	NTION TO RE-DRILL OR REPAIR WE		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR	
-	NTION TO SHOOT OR ACIDIZE	1	SUBSEQUENT REPORT OF ABANDONMENT	
	NTION TO PULL OR ALTER CASING.	i	SUPPLEMENTARY WELL HISTORY	
	NTION TO ABANDON WELL			
	(INDICATE ABOVE BY C	HECK MARK NAT	URE OF REPORT, NOTICE, OR OTHER DATA)	
			October 3	, 19
			(T200)	
ell No	3 is located 198	ft. from	S line and 660 ft. from $\begin{pmatrix} \mathbf{H} & \mathbf{W} \\ \mathbf{W} \end{pmatrix}$ line of second	c. <b>22</b>
_		ال مرجع من		
SW/A, Se	otion 22 25 S	outh X	ige) (Meridian)	
(1/4 Sec. an	nd Sec. No.) (Twp.	) (Ran	ge) (Mendian)	
VIIA	ield)	(County or Su	bdivision) (State or Territory)	
he elevation	of the derrick floor abo	ve sea level	is <b>3312</b> ft.	
		DETAILS	OF WORK	
ate names of ar	nd expected depths to objective san ing poir	ids; show sizes, w its, and all other	reights,'and lengths of proposed casings; indicate mudding important proposed work)	Jobs, cement
Lesst	ton for the drillin	e of the	El Page Maturel Gas Company - Pok	er Lake
Ma. 1	i in to be moved fro	n the ori	El Pase Enturel Gas Company - Pok ginal location listed on applicat casing plans are plaumed.	er Lake ion file
Ma. 1	i in to be moved fro	n the ori	cinal location ilsted on applicat	er Lake ion file
Ma. 3	i in to be moved fro	n the ori	cinal location ilsted on applicat	er Lake ion file
Ma. 1	i in to be moved fro	n the ori	cinal location ilsted on applicat	er Lake ion file
No. 3 Septe	is to be moved from	n the original	cinal location ilsted on applicat	ION IIA
Septe  I understand t	that this plan of work must receive	n the cri	casing plane are plaumed.	ION IIA
I understand to	that this plan of work must receive	n the cri	ting by the Geological Survey before operations may be con	nmenced.

U. S. GOVERNMENT PRINTING OFFICE 16-8437-4



SCALE 1"= 1000'

I, Larry C. Zink, Registered Professional Engineer, State of New Mexico, hereby certify that to the best of my knowledge the above plat is a true and accurate description of a well location as staked on the ground this 3 rd day of October, 1955.

Larry C. Zink Cert. No. 1727

## EL PASO NATURAL GAS COMPANY - POKER LAKE NO. 3

1980 S & 660 W, Sec. 22, T 25 S, R 30 E; Eddy County, New Mexico

## DRILL STEM TESTS

A.		-10 TEV	Eddy County, New Mexico
13	Oil Cons.	OFFICE	DRILL STEM TESTS
<b>v</b>	ARI		e de la companya de
2%	Date	Section	Results
good het	10-29-55	3895 - 3967	Tool open 1 hour, strong blow immediately, gas to surface in 15 min., TSTM, 30 min SIP 1275, FP 250-550, HP 1700 Rec. 990 HO & GCXW + 90 HO & GC Drilling Mad
	11-7-55		Attempted to set packer @ 6330', no packer seat, pulled tool and attempted to set packer @ 6306', no packer seat; pulled tool and resumed drilling. HP - 2925#.
	11-19-55		Attempted Drill Stem Tests at: 9154-9231; 9140-9216; 9125-9201; 9111-9186; 9095-9171; 9065-9141; 8394-8470; 8318-8394 - all failed
	11-19-55	9430-9506	Tool open 37 min., opened with no blow, slight bubbling after 5 min. and continuing throughout test. Rec. 10' drilling mud. FP - 0, HP 4432-4410.
	12-22-55	9720 - 9290	Tool open 30 min., opened with fair blow gradually reduced to very weak blow, dead in 30 min. FF - 0, 15 min SIP - 0 HP - 4600, Rec. 30 mud.
	12-28-55	10014-10118	Tool open 1 hour, weak blow to fair blow throughout test. Rec. 30' drilling mud. FP - 10, 15 min SIP 28, HP 4730
	1-10-56	1152 <b>5-</b> 11554	Tool open 2 hours, opened with good blow, decreasing to fair blow in 15 min. and continuing fair throughout test. Rec. 20' GC Drilling Mud. 30 min SIP 335, FP 35, HP 5610
	1-17-56	12070-12130	Tool open 30 min., opened with strong blow of air, died in 30 min. No gas to surface. FP 7035, 15 min. SIP 105, HP 5880-5845. Rec. 50' drilling mud.
	1-20-56	12324–12349	Tool open 1 hour 15 min., opened with strong blow of air decreasing to weak blow in 15 min., continued weak throughout remainder of test. Rec. 180' heavy gas cut drilling mud. FP 65-35, 30 min SIP 270, HP 5960-5930.
	1-22-56	12324-12384	Packer failed.
	1-23-56	12306-12384	Tool open 2 hours, good blow air immediately, spray of water in 30 min. Gge 160 MCF to 110 MCF, steady @ 110 MCF. Rec. 1500' HGC water blanket and 285' G & sl distillate cut mud. FP 795, 30 min. SIP - 4850, HP 5950.
	1-31-56	12680-12743	Tool open 30 min., weak blow 12 min. and died. Rec. 1500' WB, 60' sl GC drilling mud. FP 725, 30 min. SIP 790, HP 5965.
	2-14-56	Pkr. @ 13767	Packer failed. HP - 6765. Rec. 2000' Water Blanket & 2500' mud.
Release	3–13–56 ed to Imaging: 6,	14721-14781 /13/2024 8:21:38 AM	Tool open 1 hour, weak blow 15 min. and died. Rec. 2500' Water Blanket + 10' Drilling mud. FP 1180, 30 min SIP 1340, HP 6810-6740, BH Temp - 200°F.

Form 9-330

. \_\_\_\_935ureau No. 42-R-355.3. Approval expires 12-31-65.

# DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

## LOG OF OIL OR GAS WELL

LOCA																
npan	y K	l Pe	noNe	tura	L.Gas.	Comp	ary		Addre	SS <b>1</b>	2 <b>. O.</b>	Box -13	844- <b>J</b> 0	Aly-No	e-March	90
sor o	r Tre	act	<b>.‡</b> ol	er L	olos - Un	d1		. 1.	Field	·····································	deat-	County	State.	New-  	Mexteo	
11 No	) <b>_</b>	<b>1</b>	Sec.	22′	г. 258	R. 🕊	<b>S</b> . Me	eridian . (E. )		T :	of =	County	<b></b>	Eleva	tion	900 AT
cation	19	<b>80</b> _ f	t	of	Line	and.	- <b>660</b> f	t. ( )	- <b>W</b> - 10	Line	01 <b>56</b> and of ti	retion-	and all	work d	one the	reon
The	e info	ormat he d	tion gi	ven h ined f	erewith rom <b>a</b> ll	is a avail	able re	ecords.		ect reco	1 7	he well a		,, olir a	.010	
IAI AS	s can	DO G	.0001				8	Signed	11	<b>- v</b>						
te		rch.	28,	1956								Divi	sion-	Goolog	iat	
The	e sun	nmar	y on t	his pa	ge is fo	r the	condi	tion of	the we	ellata	bove da	ite.			10	-4
mme	$\mathbf{nced}$	drilli	ing	Detai	jor-5-		, :	19 <b>55</b>	Fini	shed di	ning	Marci	1- <b>20</b>		, 10	
					బాంధు కూ			( Denote	aas ou v	I)						
. i T	rom	io o	والعرب	dal	nome :	<u> </u>			No.	4, fron	1		to	) 1 870 J. J. J. J	. 10 63	
. 2. f	rom.	TI GO	924 (J.). 1		િ ⊕ ∑\* <b>∖∳</b> Φ≳στ	<u> زامة التائمة</u> [العملية في	3.13 <del></del>	ं । <del>।</del> इ.स इ.स.	, No.	5, fron	36		<b>t</b> o	مورود مردد ( درد ادر	इ.स.च	57-4
X3.¥	686	27	`	Æ	⊒¥6≛	HE G		lod as	No.	o, Trón	ì		to	)		
	• 	1.6	(\(\frac{1}{2}\).	; ; +	<b>T</b> (3)	MI	PORT	ÉÝŇÍ	WATE	R, SA	NDS		.92 O # *	9	`\	3.14
o <b>. 2,</b> 1	from	A 1773	y said Marie de la companya	7-7-	<b>j</b> d	T G	មា្ធា	mine	cagi.	4, trop	harri Tari	alena Signi	ે જાયકો જાતા		STEEL S	. j. s <sup>38</sup> *
০ ত <sup>্</sup> <del>ম</del> চ	***:	ः,१ <b>०</b> ०	250777	<u>্ ু ৯</u> - <del>১৫০</del>	3 14 10	। ् (- -	15.714	Vero	Se A a	7. (3	e ra ct	700 D	10 200	4 4 5 6 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5 7 5	Pur	S11
Size SMs	Wel per l	ES.	Tilre	ds per	o i i	ie iji	Amour	, <u>18</u>	nd of spr	e Cut	and applied	1 from	From—	То-	_	
	90#				H-40		555	rev Fran	iller e gua e	materi	al used, j	positio t, s	nd resu	its of pur	, Sperie	fing.
eidet o		r or plugs	left in t or brid	ie well res wel		suits size to ta	-If-the	e were	any cha the we	mges in Lhas be	ide is th en avnen	ie in deta v casing, alted, girs position, s	state ful e date_si	ity, and t	invers	ogether no was
18II	13	# gr	eatest i	uporta	- P. B.		1					-	,, o, o qa			
	101										MEF		5-00 <b>4</b> - "	U. S. GCVERA	HENT BRINSING	OREIC"
					м	JDDI	NG A	ND C	EMEN	TING	RECO	RD				
Size asing	W	Vhere s	et	Nun	nber sacks	of cem	ent	Me	thod us	ed	Mud gr	avity	A	mount of	mud used	
l		A.E.		1000-	az 25			10114	rarte							
3/8	-37	76		2645												
			Us	nd 15	0 22	A SA PE		/8" 6	sing	pert	ed 6 3	67 <b>5</b> -34	77 &	3693		
249									AD AD	APTE	RS	D	enth se	t		
			Mater			<del> </del>			18 m				- P			
dant						1		Size	Δ.							
Luup	ers	-Mat					SH		į.	ECORI						
·	<del></del>			<del></del>		sive us	SH	OOTI	į.		<b>D</b>	pth shot			eaned out	<del></del>
Size	<del></del>		erial	<del></del>		<del> </del>	SH	OOTI	NG R	ECORI	<b>D</b>				_:	
·	<del></del>		erial	<del></del>		<del> </del>	SH	Qua	NG R	Date	De				_:	
Six	6	S	erial		Explo	sive us	SH	Qua	NG R	Date	De	pth shot		Depth ci	eaned out	
Siz	e too	S S	erial	ed froi	Explo	aive us	sH ed	Qua TOO	NG R	Date  Date  EED  fee	De De det, and t	from		Depth cl	eaned out	feet
Siz	e too	S S	erial	ed froi	Explo	aive us	sH ed	qua  Too et to	NG Rinhity	Date  Date  Fee  fee	De De det, and t	pth shot		Depth cl	eaned out	feet
Siz Rotar Cable	y too	ols wer	erial	ed from	Explo	tuos	SH ed	qua  Too et to	NG Rinhtty LS US	Date  BED  fee	De De det, and det, and det, and det	from		Depth ci	to	feet
siz Rotar Cable	y too	ols wer	erial	ed from	Explo	faces	SH ed  fe	TOO et to	NG Rinhtty LS US LATES Pu	Date  BED fee t to pr	Det, and to oducing	from		Depth cl	to	feet feet
six Rotar Cable	y too	ols wer	erial ere used	ed from	m, 1 ne first	Taos	sH ed  fe  every weight of the second of th	TOO et to pet to	NG Rinhtty LS US LATES Pu	Date  BED fee t to pr	Det, and to oducing of fluid	from	ch	Depth d	to,	feet 19%
Size Rotar Cable	y too	ols wer	erial ere used	ed from	m, 1 ne first	Table 24 ho	sH ed  fe  ours we dimen	TOO et to pet to	NG Rinhtty LS US LS US Pu	Date Date  Date  Date  Date	Det, and it oducing of fluid Grav	from	ch	feet 1	to	feet 19%
Six. Rotar Cable	y too tool	ols were	erial ere used ere used of wall, cu.	ed from for the	m, 1 ne first !	24 ho	sH ed  fe  ours we  dimen	TOO et to pet to	LS US  ATES  Pu  Gal	Date Date  Date  Date  Date	Det, and it oducing of fluid Grav	from	ch	feet 1	to	feet 19%
Size Rotar Cable emuls	ry too e tool The psion; If gas Rock	ols wer	erial ere us e used ction wal, cu	from for the ter; as	m, 1 ne first : 24 hou	24 ho	sH	TOO: et to et to EMI	LS US  ATES  Pu  Gal	Date Date EED fee t to pr barrels lons ga	et, and to ducing of fluid Gravesoline	from	ch	feet to we we to of gas	to,	feetfeet
Size Rotar Cable	y too tool The psion; If gas	ols were	erial ere used notion o wa l, cu.	for the ter; as	m, 1 ne first : nd 24 hou	24 ho	fe dimen	TOO et to	NG Rinhtty LS US LS US Pu - Gal	Date Date EED fee t to pr barrels lons ga	pet, and the et, and the conducing of fluid Gravesoline p	from	ch	feet to we we to of gas	to, as oil;	feet 19%
Size Rotar Cable	y too tool The psion; If gas	ols were	erial ere used notion o wa l, cu.	for the ter; as	m, 1 ne first : 24 hou	24 ho	fe fe dimen., Drill., Drill.	TOO et to get to	LS US  ATES  Pu  Gal	Date Date  BED fee t to pr barrels lons ga	Det, and to ducing of fluid Gravasoline	from	ch	feet to we we to of gas	to, as oil;	feet 19%
Size Rotar Cable	y took tool The psion; If gas Rock	ols were productions wells pres	erial ere used notion o wa l, cu.	ed from for the ter; and t. per	m, 1 ne first : nd 24 houer sq. in	24 ho	fe fe dimen , Drill	TOO et to et to EM! ler	LS US  ATES  Pu  Gal	Date Date EED fee t to pr barrels lons ga	Det, and to ducing of fluid Gravasoline	from	ch	feet to we we were to find gas	to, as oil;	feet
Size Rotar Cable	y too tool The psion; If gas	ols were productions wells pres	erial ere used notion o wa l, cu.	for the ter; as	m, 1 ne first : nd 24 houer sq. in	24 ho	fe fe dimen., Drill., Drill.	TOO et to et to EM! ler	LS US  ATES  Pu  Gal	Date Date  BED fee t to pr barrels lons ga	Det, and to ducing of fluid Gravasoline	from	ch	feet to we we were to find gas	to, as oil;	feetfeet 19%
Siz-	y took tool The psion; If gas Rock	ols were productive productive preserves and the preserves are preserves as well as well as well as well as well as preserves are preserves as a preserve are preserved as a preserved as a preserve are preserved as a preserve	erialere used every ward of the cu	ed from for the ter; and t. per	m, 1 ne first : nd 24 houer sq. in	24 ho	fe fe dimen , Drill	TOO et to get to	LS US  LS US  ATES  PU  Gal	Date  Date  EED  fee  t to pr  barrels  lons ga	De D	from	ch	feet feet feet feet feet feet feet feet	to, as oil;	feet feet  19%  Driller Driller
Size Rotar Cable emuls	y too tool The psion; If gas Rock	ols were productive productive preserves and the preserves are preserves as well as well as well as well as well as preserves are preserves as a preserve are preserved as a preserved as a preserve are preserved as a preserve	erial ere used ere used l, cu. ssure,	for the ter; as the period of the ter; as	m, 1 ne first : nd 24 houer sq. in	24 ho	fe fe dimen pril FO	TOO et to get to	LS US  LS US  ATES  Pu  Gal  FION	Date Date Fee fee to pr barrels lons ga	Det, and to det, and to det, and to det, and to det.  Gravesoline parts and to det.	from	ch	feet feet feet feet feet feet feet feet	to, as oil;	feetfeet 19%Driller Driller
Size Rotar Cable emuls	y took took The pasion; If gas Rock	ols were productive productive preserves and the preserves are preserves as well as well as well as well as well as preserves are preserves as a preserve are preserved as a preserved as a preserve are preserved as a preserve	erial ere us e used l, cu ssure,	for the ter; as th	m, 1 ne first : nd 24 houer sq. in	24 ho	sh fe fe ours w dimen , Drill FO FOTAL	TOO et to get to	LS US LS US PLOYI	Date Date Fee Fee Fee Fee Barrels Barr	pet, and it oducing of fluid Grav soline p	from	ch	feet feet feet feet feet feet feet feet	to, as oil;	feetfeet 19%Driller Driller
Size Rotar Cable	y took took	ols were productive productive preserves and the preserves are preserves as well as well as well as well as well as preserves are preserves as a preserve are preserved as a preserved as a preserve are preserved as a preserve	erial ere us e used notion o wa l, cu	ed from for the ter; and the period of the ter; and the period of the ter; and the	m, 1 ne first : nd 24 houer sq. in	24 ho	fe fe fe for	TOO et to get to	LS US LS US PLOYI	Date Date  Fee  fee  t to pr barrels  lons ga  RECOI	oducing of fluid Grav soline p	from	ch	feet feet feet feet feet feet feet feet	to, as oil;	feetfeet 19%Driller Driller
Size  Rotar Cable  emuls  su  su  su  su  su  su  su  su  su	y took took	ols were production of the production of the present of the presen	erial ere used ere used l, cu ssure,	ed from for the ter; and the period of the ter; and the period of the ter; and the	m, 1 ne first : 24 hou	24 ho	fe f	TOO et to get to	LS US LS US PLOYI	Date Date  Fee  fee  t to pr barrels  lons ga  RECOI	oducing of fluid Grav soline p	from	ch	feet in feet i	from	feetfeet 19%Driller Driller
Size Rotar Cable emuls	y took took The psion; If gas Rock	ols were swell productions well a pres	erial ere used ere used l, cu ssure,	for the ter; and t	m, 1 ne first : 24 hou	24 ho	fe fe fe for	TOO et to get to	LS US LS US PLOYI	Date Date  Fee  fee  t to pr barrels  lons ga  RECOI	oducing of fluid Grav soline p	from	ch	feet in feet i	to, as oil;	feetfeet 19%Driller Driller
Size Rotar Cable emuls	ry took took The passes Rock TROM TROM TROM TROM TROM TROM TROM TROM	ols were production of the present o	erial ere used ere used l, cu	for the ter; as to perform the ter; as to per	m, 1 ne first : 24 houer sq. in	24 ho	fe f	TOO et to pet to	LS US LS US PLOYI	Date Date  Fee  fee  t to pr barrels  lons ga  RECOI	De D	from from lof which ity, °Be per 1,000	ch	feet feet feet feet feet feet feet feet	from	feet feet  19 Driller Driller
Size Rotar Cable emuls	ry took took The paid to the p	ols were production of the present o	erial ere us e used notion % wa l, cu ssure,	for the ter; and ter;	m, 1 ne first : 24 houer sq. in	24 ho	gh dimen , Drill FO FOTAL I	TOO et to control et to contro	LS US LS US PLOYI	Date Date  Fee  fee  t to pr barrels  lons ga  RECOI	De De det, and det, and det, and de Grave de Gra	from from lof which ity, °Be per 1,000	MATION  MATION  MATION  MATION	feet feet feet feet feet feet feet feet	eaned out	feet feet  19 Driller Driller
Suza Rotar Cable emuls	ry took tool The principle of the princi	ols were swell spress	erial ere us e used notion % wa l, cu ssure,	for the ter; and the period of the ter; and the period of the ter; and	m, 1 ne first : nd 24 houer sq. in	24 ho	shed	TOO et to get to	LS US LS US PLOYI	Date Date  Fee  fee  t to pr barrels  lons ga  RECOI	De D	from	MATION  MATION	feet feet feet feet feet feet feet feet	eaned out to	feet feet  19 Driller Driller
Size Rotar Cable emuls 8u	y took took The paint of the pa	ols were swell spress	erial ere used ere used l, cu sure,	ed from for the ter; and the te	m, 1 ne first : nd 24 houer sq. in	24 ho	shed	TOO et to pet to	LS US LS US PLOYI	Date Date  Fee  fee  t to pr barrels  lons ga  RECOI	De D	from	MATION  MATION  MATION	feet feet feet feet feet feet feet feet	from	feet feet  19%  Driller Driller
Suza Rotar Cable emuls suza suza suza suza suza suza suza suz	y took took The part of	ols were production of the present o	erial ere us e used l, cu sure,	for the ter; as to perform the ter; as to per	m - , 1 ne first : and	24 ho	SH ed  fe  fe  ours with dimen  , Drill  FO  TOTAL 1  105  105  105  105  105  105  105  1	TOO et to pet to	LS US LS US PLOYI	Date Date  Fee  fee  t to pr barrels  lons ga  RECOI	De D	from from lof whity, Be per 1,000	MATION  MATION  MATION	feet feet feet feet feet feet feet feet	from	feet feet  19 Driller Driller
Size Size Rotar Cable emuls size size size size size size size siz	y took took The passenger took took took took took took took too	ols were production of the present o	erial ere us e used notion % wa l, cu ssure,	for the ter; and t	m - , 1 ne first : and	24 ho	SH ed  fe  fe  ours with dimen  , Drill  FO  TOTAL 1  105  105  105  105  105  105  105  1	TOO et to pet to	LS US LS US PLOYI	Date Date  Fee  fee  t to pr barrels  lons ga  RECOI	pet, and set, and set	from from lof whity, Be per 1,000	ch	feet feet feet feet feet feet feet feet	eaned out to	feet feet  19  Driller Driller
Suzar Rotar Cable emuls 1	ry took took took took took took took too	ols were production of the control o	erial ere us e used l, cu ssure,	for the ter; and t	m - , 1 ne first : and	24 ho	SH 6d	TOO et to pet to	LS US LS US PLOYI	Date Date  Fee  fee  t to pr barrels  lons ga  RECOI	pet, and set, and set	from from from from from from from from	ch	feet feet feet feet feet feet feet feet	from	feet feet  19  Driller Driller
Suzar Rotar Cable emuls 1	ry took took took took took took took too	ols were swell spress	erial ere us e used l, cu ssure,	for the ter; are to be per	m, 1 ne first : nd 24 hou er sq. in	24 ho	SH 6d	TOO et to pet to	LS US LS US PLOYI	Date Date  Fee  fee  t to pr barrels  lons ga  RECOI	De det, and	from from lof which ity, °Be per 1,000	ch	feet feet feet feet feet feet feet feet	from	Driller Driller
Suz Rotar Cable emuls suz 31	ry took took the property took took took the property took took took the property took took the property to	ols were product productions well as well as present as well as a well as present as well as wel	erial ere used ere used l, cu ssure,	d from for the ter; as to per th	Explosion in the control of the cont	24 ho	SH 6d	Quality Qualit	LS US LS US PLOYI	Date Date  Fee  fee  t to pr barrels  lons ga  RECOI	De det, and	from from from from from from from from	ch	feet feet feet feet feet feet feet feet	from	Driller Driller
Suz Rotar Cable emuls suz 31	ry tool tool The printing and the printi	ols were product products well a press	erial ere used ere	d from for the ter; as to per th	Explosion in the control of the cont	24 ho	SH od  fe  ours with dimen  , Drill  FO  TOTAL    100  100  100  100  100  100  100  1	TOO et to pet to	LS US LS US PLOYI	Date Date  Fee  fee  t to pr barrels  lons ga  RECOI	et, and det,	from from lof which ity, °Be per 1,000	MATION  MATION  MATION  AND  AND  AND  AND  AND  AND  AND  A	feet feet feet feet feet feet feet feet	eaned out to	feet feet  19  Driller Driller

SERIAL NUMBER U. S. LAND OFFICE

t Bureau No. 42-R-865.3. Approval expires 12-31-55.

Poem 9-330

UNITED STATES Lease or Permit to Prospact ......

## GEOLOGICAL SURVEY DEPARTMENT OF THE INTERIOR

-

LOG	OF	OIL	OR	GAS	WELL
					••

FROM-	<b>∂</b> 16% T0−	SOCOTAL FEET	town ting bads of the	ATION LANGE OF THE PROPERTY OF
<b>9298</b> 9296	9296	98 1	STREET STREET	proposition and the
	9804	508	Party Carrier	ndstone, limestone
9804	<b>10610</b>	<b>806</b> \$₹	Libertone and shale vi	th some thin
10610	11192	582	Manager Lineston	a with some thin she
11192 13630	13630	2438	Demarkany page of 11	Titope and black of
) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1		790	Hall Hall Lineston	All streets or
	-: 1 <b>14600</b>	180 F	Charles Limited at 110	e to medium grained
14780	14830	ੇ≎ 180 . 40 <sup>©</sup>	Chart Sarty Lines of	, a come shale
14830	14863	33 7	theft "I stall till in	H Passanted sendeto
148 <b>63</b>	14883	11:10	PROPERTY AND VALUE OF THE PARTY	yell consuled wit
	गाउँ	20 G	्र क्षिति म् क्षित्रामा श्रेष्टा (१९७५)	
	3%	ं अप	The section and considerable	ा <b>गुरा</b> हेश 
	<b>77</b> 0	(C) (S) (P) (P) (P) (P) (P) (P) (P) (P) (P) (P	end grows lovel)	
#1227 + <b>0</b> 63	1997	0.0	ipas erore ( indicage (	ercent was 🏗 📆
reon	ro-	POTAL PEET	FORWAY	ay
	A CONTRACTOR OF THE PROPERTY O	FORMATIC	N RECORD	eren A A en ser un sula sun independient en
		Driller		
		EMPL , Driller	OYEES	Driller
	ire, lbs per sq. 12.			
	eu. fi. per 24 hour	[	Gallons gesoline per 1,000 cu	It. of gas
Ť	tion for the first 2 water; and9		Gravity, Bé	
		- Protest Made	Put to producing parrels of duid of which	
Osinta sons a ord	Tro a valoria	ĐĄ	TES	19
Retary tools were Callin tools were	e used from para	tree feet to I.		feet to
		TOOLS	USED teen and from	feas to ictr
Site Site	lusul Explos	tre used Guang	1 1 1 1 1 1 1 1 1 1 1	Depth cleaned out
Adapters Mater	ial	SHOOTING	RECORD	
Heaving plug-M	aterial	Lengt	Pooth	8of :
	Tara de la companya della companya d	PLUGS AND	ADAPTERS	
· Arithur	- 120 3X 2	27/2, 6	Towns John Jan	
· · · · · · · · · · · · · · · · · · ·		<b>V</b> II. [16	T. 37 3	
Sign Establish	Sumber sacks o	f coment Med-	State bund pean bean be	Amount of must used
	Wh	DDING AND CEN	ALNTING RECORD	. Tanni aller male e e e e e
Sanahara James	1.3	HISTORY OF OI	L OR GAS WELL 16-43094	2 B. S. GOVERNMENT PRINTING OFFICE
It is of the great with the statems for "sidetracked" or let	manage a consequence of the contract of		The state of the s	dates of redrilling, together
of shots. If plugs or	bridges were put in to	test for water, state k	the well. Please state in detail the vell. Please state in detail the vell has been dynamited, give date ind of material used, position, and re	size, position, and namber sults of pumping or bailing.
creft inches 94	Held coning,	ms ast 6 655!	with 1500 me coment from	145 -
casing parted 1	bile drilling	6 6847 VEI BUT		secont, 13-3/8"
An attempt was	made to repair	casing with o	sing reliers and tepare 77. The ensing was pic	775-3677 and 3693.
Senerated with	150 ax. Casir	g parted in an	The ensing was pic	1860 up 4' &
€ 36001.		AMBORTANE W	MARKARANISAN EX COMPUT	. Top of cement
No. 1. Linning and and	m and 2 di. 1 400 - 4		Hospitan. Top of comes	A re Minimistra de la compansión de la comp
of 19-5/5% part of	ent plug & 343	5-3372 . Set i	7 52 ex essent bind and	a marker in top
		ALJER GAS SAN (Depote gas		
Commenced drill	Ja		e misned drames	
<b></b>	11: = = = = = = = = = = = = = = = = = =	the sandition of th	e well at above date. Finished drilling ···· <del>rantvarede</del>	
Date Amilia	and the same of th	CAR	Mile Wille	<del>43</del>
30 far as can be det	Grunnea from un a	Signed.	Jana Mart	
The infortantio	n given herewith	is a complete and $c$	correct record of the well and	all work done thereon
V. ell No	N. of Line	and Actt. E. of	Sorrect record of the well and	Elavation
	? - 12 -14 1로 JL	Y Was Maxidian	eser : County	Charles
Company		्राक्षराक्षराज्ञाः <b>प्र</b>	ddress Stat	·
LOCATE WELL CO		·	· · · · · · · · · · · · · · · · · ·	Andrew States

Form 9-381a (Feb. 1951)

(SUBMIT IN TRIPLICATE)

## UNITED STATES DEPARTMENT OF THE INTERIOR

Land O	ffice	enell
Loase N	io. <u>IC</u>	063875-A
•• ••	Delane	Luim

		AND REPORTS ON WELLS			
NOTICE OF INTENTION TO DRILL		SUBSEQUENT REPORT OF WATER SHUT-OFF	l l		
IOTICE OF INTENTION TO CHANGE P	LANS	i ii			
OTICE OF INTENTION TO TEST WAT					
OTICE OF INTENTION TO RE-DRILL		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR			
OTICE OF INTENTION TO SHOOT OF NOTICE OF INTENTION TO PULL OR A			ì		
NOTICE OF INTENTION TO ABANDON					
(INDICA	ATE ABOVE BY CHECK MAR	RK NATURE OF REPORT, NOTICE, OR OTHER DATA)	, 19		
ell No <b>3</b> is loca	ted <b>1946</b> t. from	$m_{-}$ $\begin{Bmatrix} N \\ S \end{Bmatrix}$ line and $m_{-}$ ft. from $\begin{Bmatrix} R \\ W \end{Bmatrix}$ line of sec	22		
SW(Mee, and Sec. No.)	(Twp.)	(Range) (Meridian)			
(Field)	County	y or Subdivision) (State or Territory)			
<b>\-</b>	•				
ne elevation of the derrick	k noor above sea 1	evel 15 Tr.			
	D.E.T.				
	<del>-</del>	AILS OF WORK	iobs. came		
	to objective sands; show a ing points, and al	AILS OF WORK sizes, weights,'and lengths of proposed casings; indicate mudding l other important proposed work)			
ojest well was plugg to with 75 sm comes a set # 3435-3372.	to objective sands; show a ing points, and al	AILS OF WORK sizes, weights, and lengths of proposed casings; indicate mudding all other important proposed work)  All the proposed work	t 6 Lug		
ojest well was plugg to with 75 am comess a met # 3435-3377.	to objective sands; show a ing points, and al	AILS OF WORK sizes, weights, and lengths of proposed casings; indicate mudding all other important proposed work)  All the proposed work	t 6 Lug		
ojest well was plugg to with 75 sm comes a set # 3435-3372.	to objective sands; show a ing points, and al	AILS OF WORK sizes, weights, and lengths of proposed casings; indicate mudding all other important proposed work)  All the proposed work	t 6 Lug		
jest well was plays by with 75 am comes set # 3435-3572.	to objective sands; show a ing points, and all med and sisemical to the large	AILS OF WORK sizes, weights, and lengths of proposed casings; indicate mudding all other important proposed work)  All the proposed work	t 6		
lest well was placed to the the set of MANS-33772.	to objective sands; show a ing points, and all med and sinemacons.  25 an emant.  25 an emant.	AILS OF WORK sizes, weights, and lengths of proposed casings; indicate mudding of other important proposed work)  All the land of the land	t 6		
ojest well was plays to with 75 am common s set # 3435-3372.	ing points, and all med and absentions are the second and are the second are the second and are the second are the second and are the second are the second and are the second are the second and are the second are the second and are the second are the second and are the second are the second and are the second and are the second and are	AILS OF WORK sizes, weights, and lengths of proposed casings; indicate mudding of other important proposed work)  All the land of the land	t 6 lug		

U. S. GOVERNMENT PRINTING OFFICE 16-8437-4



IN REPLY REFER TO

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

P. O. Ben 187 Artonia, New Mexico

October 2, 1956

El Paso Hatural Cas Company, agent for, Richardson and Base Ben 136h Jal, New Mexico, New Mexico Res

Res Oll and See Leave LC 063875-4

Contlement

Tour "Subsequent Report of Abendoment" dated Harch 28, 1956, covering your well No. 3-Poker Lake Unit located 1980 feet from south and 660 feet from west lines of section 22, 7. 25 5., R. 30 E., Poker Lake Unit Area #14-08-001-303, wildcat area, Eddy County, New Hazing, is hereby approved.

Very truly yours,

1 ...... 6 ..... 8.1007

John A. Proot District Engineer

JAY 1802

Inspected by John A. Frant September 25, 1956 IN REPLY REFER TO:

# UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY



and the second of the second

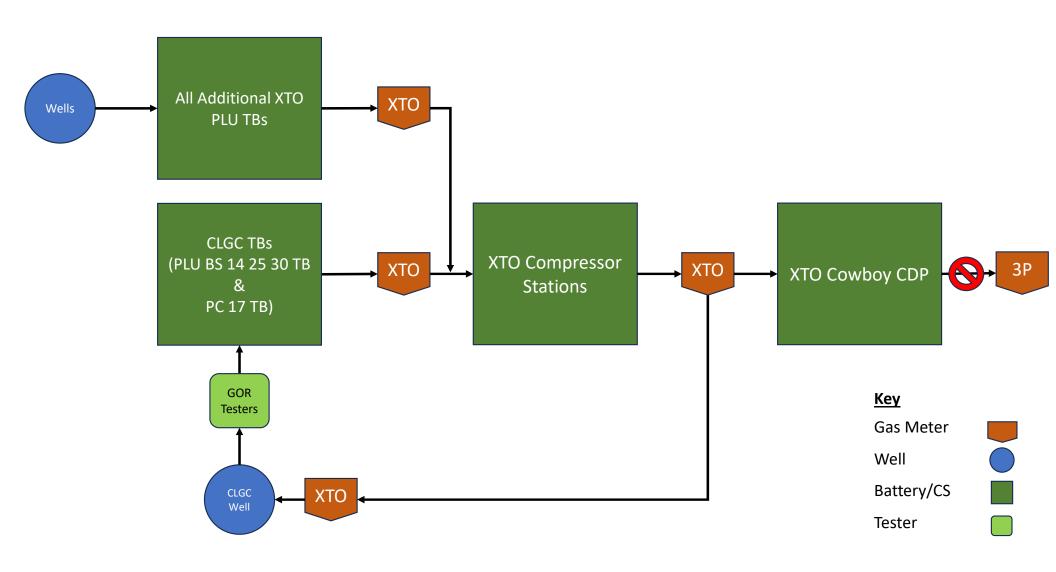
A STATE OF THE S

English Commission of the second seco

and the state of the state of the

Special Company of Special Spe

. .



#### BEFORETHEOILCONSERVATION DIVISION

Santa Fe, New Mexico Exhibit No. B-5 Submitted by: XTO Permian Operating Hearing Date: March 21, 2024 Case No. 24273

## STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION OF XTO PERMIAN OPERATING, LLC FOR A CLOSED LOOP GAS CAPTURE INJECTION PILOT PROJECT, EDDY COUNTY, NEW MEXICO.

**CASE NO. 24273** 

## SELF-AFFIRMED STATEMENT OF CARLOS JOSE LOPEZ

- My name is Carlos Jose Lopez, and I am employed by XTO Permian Operating,
   LLC ("XTO") as a geologist.
- 2. I am familiar with the application filed by XTO in this case and the Division guidance regarding closed loop gas capture injection ("CLGC") projects such as this one. I have conducted a geologic study of the lands within the pilot project area. The conclusions I have drawn from my analyses are summarized in pages 40-58 of XTO's application which is marked as **XTO Exhibit A**.
- 3. I have not previously testified before the New Mexico Oil Conservation Division as an expert in petroleum geology; therefore, I have attached my curriculum vitae as **XTO Exhibit**C-1. I believe my credentials qualify me to testify as an expert in petroleum geology in this matter.
- 4. In summary, I earned a Geology Engineering Degree from Universidad Central de Venezuela and a Ph.D. in Geology from South Dakota School of Mines and Technology with extensive research on structural geology. Since graduating, in the last 30 years, I have participated in several multidisciplinary Exploration and Production domestic and international oil and gas projects for ExxonMobil.

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. C
Submitted by: XTO Permian Operating
Hearing Date: March 21, 2024
Case No. 24273

- 5. The CLGC project will inject produced gas into horizontal wells and into the productive zones of the Avalon, First Bone Spring, Second Bone Spring, and Third Bone Spring intervals within the Bone Spring formation. Page 41 of XTO Exhibit A is a map that provides an overview of the locations for each of the proposed CLGC wells within the Project Area. It reflects the bottomhole location and completed lateral for each well and denotes which zone within the Bone Spring formation each well is completed within. Pages 42-43 of XTO Exhibit A show a similar plan-view map of the wells within the Project Area but include gun-barrel views depicting the landing zone for each proposed CLGC well and the approximate vertical and horizontal offset between each well completed in the Avalon, Second Bone Spring, and Third Bone Spring intervals.
- 6. Page 45 of XTO Exhibit A includes a regional location map in the top left corner showing the general location of XTO's Poker Lake Unit in the southeast corner of Eddy County, New Mexico. The map includes an inset map showing the Poker Lake Unit and the relative location of the proposed CLGC wells within the Unit and the location of the Poker Lake Unit type log well, the Pierce Canyon 17 Fed SWD (API No. 30-015-43310). On the right side of the exhibit is a table that identifies formations, lithology, true vertical depths for each formation top with the corresponding subsea depth, and approximate formation thickness in feet.
- 7. Page 46 of XTO Exhibit A depicts the Poker Lake Unit type log well, the Pierce Canyon 17 Fed SWD, with a focus on the Avalon target injection zones. The five tracks displayed on the type log from left to right are gamma ray, depth (TVD), mineralogy (quartz, clay and calcite volumes), porosity and resistivity deep. Alongside the type log are different symbols. A red star identifies the proposed target injection zone within the Lower Avalon. Green dots denote vertically offsetting productive oil zones relative to the Lower Avalon, which include the Brushy Canyon in the overlying Delaware Mountain Group, the Upper Avalon within the Bone Spring Formation

immediately above the target injection zone, and the underlying Lower First Bone Spring interval. Confining layers are depicted with a gray bar. The overlying Bone Spring Lime will prevent upward vertical migration of injected produced gas from out of the injection zone. It is an approximately 120-foot-thick limestone with interbedded mudstones that separates the Delaware Mountain Group from the Bone Spring formation. The Upper First Bone Spring will prevent downward vertical migration out of the injection zone. It is comprised of approximately a 50-foot-thick interval of tight carbonate mudstones and interbedded siltstone.

- 8. Page 47 of **XTO Exhibit A** depicts the same Poker Lake Unit type log well with a focus on the targeted injection intervals within the Upper Second Bone Spring. The two proposed target injection zones are the Second Bone Spring Upper 1 and the Second Bone Spring 2 Lower. The overlying First Bone Spring Upper will prevent upward vertical migration of injected produced gas from out of the Second Bone Spring Upper 1 injection zone. It is comprised of approximately 150 feet of calcareous mudrocks capped by an approximately 50-foot tight carbonate mudstone. The underlying Upper 2 Second Bone Spring Lime is a confinement layer, which is comprised of approximately 120 feet of carbonate that isolates the Upper 1 Second Bone Spring and the Lower Second Bone Spring target injection zone.
- 9. Page 48 of **XTO Exhibit A** depicts a deeper portion of the same type log well with a focus on the target injection interval in the Lower Third Bone Spring zone. The overlying Upper Third Bone Spring will prevent upward vertical migration of injected produced gas from out of the Lower Third Bone Spring injection zone. It is approximately 150-foot thick section of carbonate mudstones.
- 10. Page 49 of **XTO Exhibit A** depicts a map of the entire Poker Lake Unit area (top left) with the location of the proposed CLGC project enclosed by the inset rectangle. The map to

the right is an index map of the proposed CLGC area displaying all the existing wells within the area including the 10 wells selected for the proposed CLGC Pilot Project. This map also shows a three-well log correlation line which represents the section A-A' within the area proposed for the CLGC Pilot Project.

- 11. Page 50 of XTO Exhibit A depicts the well log correlation section A-A'. The five tracks displayed on each well from left to right are gamma ray, depth (TVD), mineralogy (quartz, clay and calcite volumes), porosity and resistivity deep. Confining layers are depicted with a gray bar and proposed injection intervals with a red star. The well log correlation section is datum on the Bone Spring Lime top. The stratigraphic correlation lines for the Avalon and Bone Spring units correspond to the confining layer and the tops of each injection zone. There is no evidence of faults, pinch-outs, or other potential pathways for out-of-zone migration indicated by the cross-section.
- 12. Page 51 of **XTO Exhibit A** depicts a depth structure map to the top of the Avalon Lower proposed injection interval. The structural contours indicate a consistent dip of approximately 3 degrees to the East. There is no evidence of faulting or stratigraphic absence of this interval stratigraphic top.
- 13. Page 52 of **XTO Exhibit A** depicts a thickness map for the Avalon storage zone measured from the base of the Bone Spring Lime to the top the of the First Bone Spring Lime. Within the proposed CLGC Project Area the thickness range varies from 500 feet to 700 feet. There is no evidence for pinch outs or stratigraphic absence of the storage zone.
- 14. Page 53 of **XTO Exhibit A** depicts a depth structure map to the top of the Second Bone Spring Upper 1 proposed injection interval. Within the proposed CLGC area the structural

contours indicate a consistent dip of approximately 3 degrees to the East. There is no evidence of faulting or stratigraphic absence of this interval stratigraphic top.

- 15. Page 54 of **XTO Exhibit A** depicts a thickness map for the Second Bone Spring Upper 1 storage zone measured from the base of the First Bone Spring Lime to the top the of the Second Bone Spring Upper 2. Within the proposed CLGC area the storage zone thickness ranges from 450 feet to 700 feet. There is no evidence for pinch out or stratigraphic absence of the storage zone.
- 16. Page 55 of **XTO Exhibit A** depicts a depth structure map to the top of the Second Bone Spring Lower proposed injection interval. Within the proposed CLGC area the structural contours indicate a consistent dip of approximately 3 degrees to the East. There is no evidence of faulting or stratigraphic absence of this interval stratigraphic top.
- 17. Page 56 of **XTO Exhibit A** depicts a thickness map for the Second Bone Spring Lower storage zone measured from the base of the Second Bone Spring Lime to the top the of the Third Bone Spring Upper. Within the proposed CLGC area the storage zone thickness ranges from 300 feet to 450 feet. There is no evidence for pinch out or stratigraphic absence of the storage zone.
- 18. Page 57 of **XTO Exhibit A** depicts a depth structure map to the top of the Third Bone Spring Lower proposed injection interval. Within the proposed CLGC area the structural contours indicate a consistent dip of approximately 3 degrees to the East. There is no evidence of faulting or stratigraphic absence of this interval stratigraphic top.
- 19. Page 58 of **XTO Exhibit A** depicts a thickness map for the Third Bone Spring Lower injection zone measured from the top of the Third Bone Spring Lower to the base of the Third Bone Spring Lower. Within the proposed CLGC area the storage zone thickness ranges from 800 feet to 850 feet. There is no evidence for pinch out or stratigraphic absence of the storage zone.

- 20. My analysis concludes that the targeted intervals within the Bone Spring formation and in this area are suitable for the proposed CLGC injection and that there are geologic barriers that will contain the proposed injection within the Bone Spring formation.
- 21. In my analyses, I have examined the available geologic and engineering data and found no evidence of open faults or other hydrologic connections between the injection zone and any underground source of drinking water. See XTO Exhibit C-2.
- 22. In my opinion, approving the application in this case is in the best interests of conservation, prevention of waste, and protection of correlative rights.
- 23. Pages 40-58 of **XTO** Exhibit **A** were either prepared by me or compiled under my direction and supervision.
- 24. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature

below.

Carlos Jose Lopez

03/13/2024

Date

## Carlos J. Lopez

Geoscientist, XTO

+1 (832) 948-6720 <u>carlos.jose.lopez@exxonmobil.com</u> 22777 Springwoods Village Parkway

**EDUCATION** 

December 1995 Geological Engineering

Univerisidad Central de Venezuela

May 2004 Ph.D. Geology (Structure and Tectonics)

South Dakota School of Mines and Technology

RELEVANT EXPERIENCE

2022 – Present Delaware Basin New Mexico Geoscientist, Permian Basin

XTO, Spring, Tx

Geological operations, well planning and execution. Structural mapping and analysis for seismicity risk assessment. Geoscience

support for deep and shallow produced water disposal.

2019 – 2022 Production Geoscientist, Deep Water Angola Block 15

ExxonMobil Upstream Production, Spring, Tx

Infill well opportunity generation and execution based on 4D

seismic and surveillance data

2017 – 2019 Geophysicist, Permian Basin

XTO, Fort Worth, Tx

Seismic and well regional structural mapping to support operations, opportunity generations and seismicity risk

assessment.

2015 – 2017 Exploration Geoscientist, Mexico Onshore and Offshore

**Tender Rounds Evaluation** 

ExxonMobil Exploration Co., Spring, Tx

Technical evaluation of the onshore and offshore tender round

blocks.

2012 – 2015 Exploration and Development Geoscientist, Vaca Muerta

operations and development, Neuquen Basin, Argentina.

ExxonMobil Exploration Co., Houston, Tx

Opportunity generation, well planning and execution.

2010 – 2012 Exploration Geoscientist, Global New Business

**Development** 

ExxonMobil Exploration Co., Houston, Tx

Global new opportunity identification and evaluation.

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. C-1
Submitted by: XTO Permian Operating
Hearing Date: March 21, 2024
Case No. 24273

2008 – 2010	Exploration Geoscientist, Niger Delta JV ExxonMobil Exploration Co., Houston, Tx High Pressure and high temperature new well opportunity generation and near field wildcat drilling.
2006 – 2008	Production Geoscientist, Pecan Island Field, LA Inland ExxonMobil Upstream Production Co., Houston, Tx Mature field opportunity generation and geological operations.
2004 – 2006	Research Geoscientist ExxonMobil Upstream Research Co., Houston, Tx Global regional exploration based un surface and subsurface data integration.
2000 – 2004	Research Assistant Field Geologist, Black Hills, SD SDSM&T, Rapid City, SD Fracture characterization for ground water contamination risk assessment in the Black Hills.
1996 – 2000	Geologist, Maracaibo Basin Blocks LL-07 and LL-05 Litos Geological Engineering Studies, Caracas, Venezuela Geological reservoir characterization and infill well planning.

## Close Loop Gas Capture (CLGC) Project

- 1. We have examined the available geologic and engineering data and found no evidence of open faults or other hydrologic connections between the injection zone and any underground source of drinking water.
- 2. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.

Owen Hehmeyer, Ph.D.

Principal Reservoir Engineer

Date

Carlos Jose Lopez, Ph.D.

Geologist

Date

Case No. 24273

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION OF XTO PERMIAN OPERATING, LLC FOR A CLOSED LOOP GAS CAPTURE INJECTION PILOT PROJECT, EDDY COUNTY, NEW MEXICO.

**CASE NO. 24273** 

## SELF-AFFIRMED STATEMENT OF OWEN J. HEHMEYER

- 1. My name is Owen J. Hehmeyer and I am employed by XTO Energy, Inc. ("XTO") as a reservoir engineer.
- 2. I am familiar with the application filed by XTO in this case and the Division guidance regarding closed loop gas capture injection ("CLGC") projects such as this one. My reservoir engineering colleagues and I have conducted an engineering study of the reservoir to evaluate the potential effects of the proposed temporary injection on the reservoir and future production. The conclusions I have drawn from the analyses are summarized in pages 59-66 of XTO's application which is marked as **XTO Exhibit A**.
- 3. I have not previously testified before the New Mexico Oil Conservation Division as an expert in reservoir engineering; therefore, I have attached my curriculum vitae as **XTO Exhibit D-1**. I believe my credentials qualify me to testify as an expert in reservoir engineering in this matter.
- 4. In summary, I have a B.S. in Chemical Engineering from the University of Texas at Austin and a Ph.D. in Chemical Engineering from Princeton University. Since graduating, I have worked for 17 years at different affiliates of ExxonMobil Corporation, including the last 10 years at XTO, where I currently work as Principal Reservoir Engineer Unconventionals.

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. D
Submitted by: XTO Permian Operating
Hearing Date: March 21, 2024
Case No. 24273

- 5. The CLGC project will inject produced gas into the Pilot Project's horizontal wells and into the productive zones of the Avalon, First Bone Spring, Second Bone Spring, and Third Bone Spring intervals within the Bone Spring formation.
- 6. Page 60 of **XTO Exhibit A** provides an overview of our modeling approach. We applied hydraulic fracture and reservoir modeling techniques to investigate gas movement in the injection zone and any potential impacts on production performance of the CLGC wells and direct offset wells. To do so, we first estimated the fracture dimensions and depth of penetration of the injected gas for each target injection zone using reasonable assumptions based on our experience. This provides our tank volume for the reservoir model. We then applied material balance to estimate pressure increases during injection events within the calculated tank to confirm that the proposed injection zones are suitable for a CLGC injection project and the anticipated surface injection pressures and injection rates. As a check on the reasonableness of our tank model simulation, we compared the total volumes produced from each proposed CLGC well against the expected injection volumes during an injection event.
- 7. The single most important input into the reservoir model is the dimensions of the hydraulic fractures. Therefore, our first step was to estimate the dimensions of the fractures using a simulation of the hydraulic fracturing process. Reservoir engineers that specialize in hydraulic fracture modeling carried out simulations mimicking the sand and water loadings that were actually pumped on the target wells. These simulations estimate the approximate size of the hydraulic fracture and the portion of that fracture that is actually propped by sand. The wider the fracture aperture, the more likely proppant has been placed in sufficient quantity to permanently prop the fracture open. Based on the accumulation of our collective experience, we used a cutoff equal to the width of three grains of sand to determine what portion of the fractures are permanently

propped by sand. Applying that cutoff to the model, the estimated fracture half-length and height are extracted, allowing for computation of the area per fracture.

- 8. An additional important assumption is the number of fractures per hydraulic fracturing stage (or per length of well), which determines the total number of fractures per well. Given the area per fracture and number of total fractures, the total productive fracture area per well can be estimated. Years of in-field experiments with fiber optic cables to count fractures and reservoir simulation to match field observations suggests that modern wells typically have about one fracture per 20 feet to 80 feet of lateral. Because the proposed CLGC wells for this Pilot Project are older, less modern wells, we made a conservative assumption that the fracture count was one fracture per 60 feet of lateral for each well.
- 9. Pages 61-62 of **XTO Exhibit A** provides an overview and summary of our approach to estimating the conductive dimensions for the stimulated volume within each target injection zone to derive our reservoir model's tank volume.
- 10. The next step in our assessment was to estimate the bottomhole pressure within each injection zone. Page 63 of **XTO Exhibit A** summarizes our approach.
- of the wells, the pressure was estimated using the historical record of fluid shot measurements for target wells where it was available. That review showed pumping pressures of 600 to 700 psi for active wells and 1100 to 1900 psi for wells that had been shut in for a while. Artificial lift methods commonly employed for horizontal wells, such as gas lift and electric submersible pumps, can routinely obtain bottomhole pressures in this range, so the observed pressures are not surprising. In fact, some of the wells will need to be returned to production and produce for a while before they are capable of taking the planned injection gas at 1250 psi MASP.

- 12. Having determined the necessary input parameters, we next calculated the tank size for our model simulation. Page 64 of **XTO Exhibit A** highlights the inputs and parameters used for each injection interval—inputs #1, #2, and #3 on the exhibit—and the modeled tank size—the SRV or stimulated rock volume estimated for each proposed CLGC injection well. The exhibit also shows the total calculated SRV for each proposed CLGC injection well in the far-right column of the table under #4.
- 13. The size of the tank—the volume into which the gas will migrate—is calculated as the total area of the fractures times some depth of penetration ("DOP"). As to the depth of penetration, experience shows that it takes a month to a couple years for pressure to diffuse the several tens of feet into the intra-fracture space of unconventional reservoirs, depending on many factors. For the several days of injection that are anticipated during CLGC injection events, gas penetration could be a few inches to several feet, depending on permeability. With more permeability expected near the fracture face, four feet was chosen as a reasonable estimate for the model. Among the inputs to the model, the depth of penetration is the most difficult to estimate, and consequently the most uncertain.
- during an injection event, as depicted on page 65 of **XTO Exhibit A**. Model assumptions are outlined on the right side of the exhibit. The assumptions include the modeled tank volumes for each injection well, that the tanks are isolated and not in communication, that the initial bottomhole pressure for each injection well is 600 psi and that the injection rate will be 5 MMSCFD over four days. Based on our experience, gas takeaway interruptions in the area of the Pilot Project tend to be of short duration, lasting hours to a few days.

- 15. If the pressure rises faster than this, it would indicate the propped area per fracture is less than assumed, the number of fractures is less than assumed, or that the depth of penetration is less than assumed. Conversely, if it were to rise less quickly than this, the opposite conclusion would be drawn. The response of the tank model is effectively linear over this duration. The overall increase in pressure is less than 10 psi—even if the foundational assumptions are off by a large factor, the rise in pressure would be manageable and pose no threat to well integrity or exceed fracture pressure. Nonetheless, because the steepness of the rise in pressure can only be approximately estimated, it is important to monitor the wellhead pressure during injection, not only for safety, but also to bolster or refute the foundational assumptions and improve future prediction efforts. The modeling results indicate the target injection intervals for each CLGC well are expected to easily accept the proposed injection volumes at the rates and pressures proposed without affecting the formation, existing production, or offsetting production zones.
- To "gut check" the model answer it is instructive to compare the planned injection volumes to the historical produced volumes for each CLGC well. Are the planned injection volumes small compared to what was produced? Page 66 of XTO Exhibit A shows a table reflecting the cumulative volumes produced for each proposed CLGC well. By inspection, it is obvious that the planned injection volumes are vastly smaller than the produced volumes the wells produced for a long time and accumulated comparatively large, produced fluid volumes prior to the planned injection. For example, considering only the volumes of gas produced, the smallest gas volumes produced are associated with the Poker Lake Unit CVX JV BS 025H well at approximately 137,000 MSCF. That volume is nevertheless approximately seven times the volume of gas that is expected to be injected over a four-day injection event, indicating there is more than sufficient capacity within each well, let alone within the Pilot Project area, to accommodate the

anticipated volumes during a gas takeaway interruption. This assessment provides confidence the modeling inputs and assumptions are reasonable and valid.

- 17. In conclusion, because the proposed project is low pressure injection for short durations, the resulting planned injection volumes are small compared to the produced volumes, resulting in a modest pressure increase during the project, as confirmed by a tank model using estimated fracture dimensions derived using modern hydraulic fracture modeling. The wellhead pressure data should be sufficient to monitor the reservoir response and bolster or refute the model.
- 18. In my analyses, I have examined the available geologic and engineering data and found no evidence of open faults or other hydrologic connections between the injection zone and any underground source of drinking water. See **XTO Exhibit C-2**.
- 19. I have also examined the available geologic and engineering data, I have determined that the total recoverable volume of hydrocarbons from the reservoir will not be adversely affected by the pilot project and that the gas composition of the injected gas will not damage the reservoir. See XTO Exhibit D-2.
- 20. It is my opinion that the targeted intervals within the Bone Spring formation in this area are suitable for the proposed CLGC injection and that approving the application is in the best interests of conservation, prevention of waste, and protection of correlative rights.
- 21. Pages 59 through 66 of **XTO Exhibit A** and **XTO Exhibits C-2** and **D-2** were either prepared by me or compiled under my direction and supervision.
- 22. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.

Owen J. Hehmeyer

3/13/2024 Date Owen J. Hehmeyer

**Principal Reservoir Engineer – Unconventionals** 

XTO Energy, Inc., an ExxonMobil subsidiary 22777 Springwoods Village Pkwy., Spring, TX 77389

Mobile: 346-280-4891

owen.j.hehmeyer@exxonmobil.com

### **EDUCATION**

Ph.D., Chemical Engineering, Princeton University, January 2007

- Dissertation: Molecular Modeling of Confined Polymers
- Department of Energy Computational Sciences Graduate Fellow

B.S., Chemical Engineering with Highest Honors, The University of Texas at Austin, May 2001

## PETROLEUM INDUSTRY EXPERIENCE

### Reservoir Engineer, XTO Energy, Inc., Fort Worth & Houston, TX, 09/2014 - present

04/23 – present Principal Reservoir Engineer, Unconventionals

Advise senior management on all aspects of reservoir engineering for unconventionals across the XTO portfolio, provide technical endorsement of development plans, advise on technology development and deployment, assist asset teams with appraisal and technology trial planning, coordinate unique or specialized reservoir studies, and provide technical instruction on unconventional reservoir engineering.

09/22 – 03/23 Reservoir Engineer, Unconventionals Technology Team

Responsible for field studies across unconventional assets, primarily using production surveillance, analytical performance prediction methods, and reservoir simulation, as needed. Focus on Delaware Basin assets in Eddy County, New Mexico.

08/18 – 09/22 Reservoir Engineer, Midland Basin

Responsible for all aspects of the reservoir life cycle, from development planning through production sustainment, for unconventional oil assets in Midland County. Responsible for engineering data collection and analysis programs. Selected examples include PVT, DFIT, and downhole sensing (fiber).

09/14 – 07/18 Reservoir Engineer, Appalachia

Geographic responsibility for Marcellus and Utica shale in West Virginia and southwestern Pennsylvania. Responsibilities included reserves estimation, reservoir modeling (Harmony), development planning, A&D assistance, and economic modeling (ARIES).

### Reservoir Engineer, ExxonMobil Upstream Research Co., Houston, TX, 12/2006 – 08/2014

07/13 – 08/14 Reservoir Simulation Engineer, seconded to ExxonMobil Production Company
Worked with geoscientists to build an upscaled simulation model for a deepwater clastic reservoir (West Africa), carried out history match, and applied model for drillwell opportunity generation and reservoir management. Routine duties included carrying out decline analysis, estimating reserves, and contributing to operational decisions.

12/10 - 06/13 Technical Team Lead, Improved Light Oil Recovery

Led a research effort to develop enhanced oil recovery (EOR) technology for modified salinity injection and surfactant flooding recovery processes. Responsible for pace and quality of research deliverables, budget stewardship, and laboratory management (core flooding).

12/07 – 12/10 Reservoir Research Engineer, Heavy Oil

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. D-1
Submitted by: XTO Permian Operating
Hearing Date: March 21, 2024
Case No. 24273

Developed simulation models for the Cylic Solvent Process (CSP), an enhanced oil recovery process for Canadian bitumen. Worked closely with geologic modelers, asset owner, and technical software development personnel. Researched methods for upscaling of viscous fingering and assisted with pilot design.

12/06 – 12/07 Reservoir Research Engineer, Digital Technology in Asset Management
Designed novel algorithms to detect reservoir surveillance problems such as liquid loading in gas wells, patterns of productivity impairment in clayey sands, and root causes of pump failure.

### **SELECTED PETROLEUM INDUSTRY PUBLICATIONS**

#### Unconventionals

- Thomas, J. B., Hehmeyer, O. J., et al., "Methods of Stimulating a Hydrocarbon Well," U.S. Patent No. 11,852,002, granted December 26, 2023.
- Manchanda, R., Liang, Y., Meier, H., Srinivasan, K., Leonardi, S., Johns, M., Lyons, S., Hehmeyer,
  O., et al, "An Integrated Approach to Development Optimization Using Monitor Wells and Hydraulic
  Fracture Diagnostics in the Permian Basin," URTEC-3860704-MS presented at the SPE/AAPG/SEG
  Unconventional Resources Technology Conference, Denver, Colorado, USA, June 2023.
- Benish, T., Brito, R., Brown, J. S., Liu, Y., Long, T., Spiecker, M., Stojkovic, D., and Hehmeyer, O.
   "Computational Fluid Dynamics (CFD) Guided Stage Design Optimization for Hydraulic Fracturing."
   Paper presented at the SPE/AAPG/SEG Unconventional Resources Technology Conference, Houston, Texas, USA, June 2022.

#### Modified Salinity Injection / Laboratory Methods

- Gupta, R., Lu, P., Glotzbach, R., and Hehmeyer, O.J., "A Novel, Field-representative Enhanced Oil Recovery Coreflood Method," SPE-169088-MS presented at SPE Improved Oil Recovery Symposium, 12-16 April 2014, Tulsa, Oklahoma.
- Vo, L.T., Gupta, R., and Hehmeyer, O.J., "Ion Chromatography Analysis of Advanced Ion Management Carbonate Coreflood Experiments," SPE 161821-MS presented at Abu Dhabi International Petroleum Exhibition and Conference, 11-14 November 2012.

### Solvent Processes

- Dawson, M.A., Chakrabarty, T., Kosik, I. J., Hehmeyer, O. J., Shah, P. P., Syal, S., and Wattenbarger, R. C., Canadian Patent No. 2738364, *Method of Enhancing the Effectiveness of a Cyclic Solvent Injection Process to Recover Hydrocarbons*, granted December 31, 2013.
- Dawson, M.A., Hehmeyer, O.J., Kaminsky, R.D., Kwan, M.Y., Lebel, J.P., Wattenbarger, R.C., and Boone, T.J., Canadian Patent App. No. 2705643, *Optimization of Solvent-Dominated Recovery*, granted November 1, 2016. Patent granted in U.S.A. as Patent No. 8,899,321 on December 2, 2014.
- Kaminsky, R.D., Coutee, A.S., Dawson, M.A., Hehmeyer, O.J., Huang, H., Kosik, I.J., Lebel, J.P., and Wattenbarger, R.C., Canadian Patent No. 2703319, *Operating Wells in Groups in Solvent-Dominated Recovery Processes*, granted 12 June 2012.
- Sirota, E. and Hehmeyer, O.J., Canadian Patent Application No. 2693640, *Solvent Separation in a Solvent-Dominated Recovery Process*, granted 1 October 2013. Patent granted in U.S.A. as Patent No. 8,752,623 on June 17, 2014.

#### Reservoir and Well Surveillance

- Hehmeyer, O.J., U.S. Patent 8,457,897, *Methods and Systems to Estimate Wellbore Events*, granted June 4, 2013. Also granted in Canada as Patent 2703857 on May 5, 2015.
- Shyeh, J.J., Hehmeyer, O.J., Gibbeson, J.M., Mullins, J.J., Trujillo, D., "Examples of Right-Time Decisions from High Frequency Data," SPE 112150-MS presented at Intelligent Energy Conference and Exhibition, 25-27 February 2008, Amsterdam, Netherlands.

## Close Loop Gas Capture (CLGC) Project

- 1. I have examined the available geologic and engineering data and determined (1) the total recoverable volume of hydrocarbons from the reservoir will not be adversely affected by the proposed injection and (2) the gas composition will not damage the reservoir.
- 2. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.

Owen Hehmeyer, Ph.D.

Principal Reservoir Engineer

3/5/2024 Date

31531435\_v1

Case No. 24273

STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION OF XTO PERMIAN OPERATING, LLC FOR A CLOSED LOOP GAS CAPTURE PILOT PROJECT, EDDY COUNTY, NEW MEXICO.

**CASE NO. 24273** 

## SELF-AFFIRMED STATEMENT OF ADAM G. RANKIN

- I am attorney in fact and authorized representative of XTO Permian Operating, LLC
  ("Permian"), the Applicant herein. I have personal knowledge of the matter addressed herein and
  am competent to provide this self-affirmed statement.
- 2. The above-referenced application and notice of the hearing on this application was sent by certified mail to the locatable affected parties on the date set forth in the letter attached hereto.
- 3. The spreadsheet attached hereto contains the names of the parties to whom notice was provided.
- 4. The spreadsheet attached hereto contains the information provided by the United States Postal Service on the status of the delivery of this notice as of March 15, 2024.
- 5. I caused a notice to be published to all parties subject to this proceeding. An affidavit of publication from the publication's legal clerk with a copy of the notice publication is attached herein.
- 6. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. E
Submitted by: XTO Permian Operating
Hearing Date: March 21, 2024
Case No. 24273

Adam G. Rankin

03/19/2024

Date



Paula M. Vance Associate Phone (505) 988-4421 Email pmvance@hollandhart.com

March 1, 2024

## VIA CERTIFIED MAIL CERTIFIED RECEIPT REQUESTED

TO: ALL INTEREST OWNERS SUBJECT TO POOLING PROCEEDINGS

Re: Application of XTO Permian Operating, LLC for a Closed Loop Gas Capture Injection Pilot Project, Eddy County, New Mexico

Ladies & Gentlemen:

This letter is to advise you that XTO Permian Operating, LLC has filed the enclosed application with the New Mexico Oil Conservation Division. A hearing has been requested before a Division Examiner on March 21, 2024, and the status of the hearing can be monitored through the Division's website at <a href="https://www.emnrd.nm.gov/ocd/">https://www.emnrd.nm.gov/ocd/</a>.

It is anticipated that hearings will be held in a hybrid format with both in-person and virtual participation options. The meeting will be held in the Pecos Hall Hearing Room at the Wendall Chino Building, 1st Floor, 1220 South St. Francis Dr., Santa Fe, New Mexico. To participate virtually in the hearing, see the instructions posted on the OCD Hearings website: <a href="https://www.emnrd.nm.gov/ocd/hearing-info/">https://www.emnrd.nm.gov/ocd/hearing-info/</a>.

You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date. Parties appearing in cases are required to file a Pre-hearing Statement four business days in advance of a scheduled hearing that complies with the provisions of NMAC 19.15.4.13.B.

If you have any questions about this matter, please contact Ali Gschwind at (432) 214-0393 or alexandrea.r.gschwind@exxonmbil.com.

Sincerely,

Paula M. Vance

ATTORNEY FOR XTO PERMIAN OPERATING, LLC

Received by OCD: 6/12/2024 3:30:27 PM

## XTO - PLU GLGC - Case no. 24273 Postal Delivery Report

94028	311898765404664123	2016 Samantha Bass Family Trust	201 Main St Ste 2700	Fort Worth	ТХ	Your item was delivered to the front desk, reception area, or mail room at 11:53 am on March 4, 2024 in FORT WORTH, TX 76102.
94028	311898765404664109	2016 Hyatt Bass Fam Tr	201 Main St Ste 2700	Fort Worth	ΤX	Your item was delivered to the front desk, reception area, or mail room at 11:53 am on March 4, 2024 in FORT WORTH, TX 76102.
		2016 Hyatt Bass Family Trust	201 Main St Ste 2700	Fort Worth	TX	Your item was delivered to the front desk, reception area, or mail room at 11:53 am on March 4, 2024 in FORT WORTH, TX 76102.
94028	311898765404664185	2016 Samantha Bass Fam Tr	201 Main St Ste 2700	Fort Worth	ΤX	Your item was delivered to the front desk, reception area, or mail room at 11:53 am on March 4, 2024 in FORT WORTH, TX 76102.
94028	311898765404664130	2016 Samantha Bass Family Trust	201 Main St Ste 2700	Fort Worth	ΤX	Your item was delivered to the front desk, reception area, or mail room at 11:53 am on March 4, 2024 in FORT WORTH, TX 76102.

9402811898765404664178	Anne Chandler Bass Evans	201 Main St Ste 2700	Fort Worth	TX	76102-3131	Your item was delivered to the front desk, reception area, or mail room at 11:53 am on March 4, 2024 in FORT WORTH, TX 76102.
9402811898765404664369	Barr Family Trust	804 Park Vista Cir	Southlake	TX	76092-4342	Your item was delivered to an individual at the address at 2:59 pm on March 4, 2024 in SOUTHLAKE, TX 76092.
0.402044.0007.65.40.465.4024		720 4711 61 61 500			00202.2552	Your item was delivered to the front desk, reception area, or mail room at 10:55 am on March 4, 2024 in
9402811898765404664321	Bayswater Fund IC B LLC	730 17th St Ste 500	Denver	СО	80202-3553	DENVER, CO 80202. Your item was delivered to the front desk, reception area, or mail room at 10:55 am on March 4, 2024 in
9402811898765404664390	Bayswater Resources LLC	730 17th St Ste 500	Denver	СО	80202-3553	DENVER, CO 80202.  Your item was delivered to an individual at the address at 1:27 pm on
9402811898765404664345	Bettianne H Bowen Liv Tr	238 Beverly Ct	King City	CA	93930-3501	March 6, 2024 in KING CITY, CA 93930.  Your item was delivered to the front desk, reception area, or mail room at 11:05 am on
9402811898765404664383	Bureau Of Land Management	301 Dinosaur Trl	Santa Fe	NM	87508-1560	March 4, 2024 in SANTA FE, NM 87508.

					Your item was delivered
Bureau of Land Management	620 E Greene St	Carlsbad	NM		to an individual at the address at 12:48 pm on March 4, 2024 in CARLSBAD, NM 88220.
Byron Wayne Paschal And Janey Loree Paschal	PO Box 148	Malaga	NM		Your item was picked up at the post office at 8:18 am on March 5, 2024 in LOVING, NM 88256.
Charles E Hinkle	PO Box 1030	King City	CA		Your item was picked up at the post office at 11:45 am on March 11, 2024 in KING CITY, CA 93930.
Chevron USA Inc	PO Box 730436	Dallas	TX		Your item was picked up at a postal facility at 5:31 pm on March 4, 2024 in DALLAS, TX 75260.
Chevron LISA Inc	6301 Deauville	Midland	TY		Your item was delivered to an individual at the address at 12:56 pm on March 4, 2024 in MIDLAND, TX 79706.
					Your item has been delivered to an agent for final delivery in HOUSTON, TX 77002 on March 7, 2024 at 10:55
					Your item was delivered to the front desk, reception area, or mail room at 11:53 am on March 4, 2024 in FORT
•	Byron Wayne Paschal And Janey Loree Paschal  Charles E Hinkle	Byron Wayne Paschal And Janey Loree Paschal  PO Box 148  Charles E Hinkle  PO Box 1030  Chevron USA Inc  Chevron USA Inc  6301 Deauville  Chevron Usa Inc C/O Diane Whitcomb	Byron Wayne Paschal And Janey Loree Paschal  PO Box 148  Malaga  Charles E Hinkle  PO Box 1030  King City  Chevron USA Inc  PO Box 730436  Dallas  Chevron USA Inc  6301 Deauville  Midland  Chevron Usa Inc C/O Diane Whitcomb	Byron Wayne Paschal And Janey Loree Paschal PO Box 148 Malaga NM Charles E Hinkle PO Box 1030 King City CA Chevron USA Inc PO Box 730436 Dallas TX Chevron USA Inc 6301 Deauville Midland TX Chevron Usa Inc C/O Diane Whitcomb 1400 Smith St Unit 45137 Houston TX	Byron Wayne Paschal And Janey Loree Paschal  PO Box 148  Malaga  NM  88263-0148  Charles E Hinkle  PO Box 1030  King City  CA  93930-1030  Chevron USA Inc  PO Box 730436  Dallas  TX  75373-0436  Chevron USA Inc  6301 Deauville  Midland  TX  79706-2964  Chevron Usa Inc C/O Diane Whitcomb  1400 Smith St Unit 45137  Houston  TX  77002-7327

			I	T		
9402811898765404664079	Croft Living Trust	Katie Elizabeth Croft Co Ttee	Dallas	TX	75230-6112	Your item was delivered to an individual at the address at 4:18 pm on March 4, 2024 in DALLAS, TX 75230.
9402811898765404664468	CTAM O And Gas II C	201 Main St Ste 2700	Fort Worth	TX	76102 2121	Your item was delivered to the front desk, reception area, or mail room at 11:53 am on March 4, 2024 in FORT WORTH, TX 76102.
9402811898/05404004408	CTAIN O And Gas LLC	201 Main St Ste 2700	Fort Worth	IX	76102-3131	Your item was picked up at a postal facility at 9:05 pm on March 4,
9402811898765404664420	Devon Energy Production Co LP	PO Box 843559	Dallas	TX	75284-3559	2024 in DALLAS, TX 75260.
						Your item was delivered to the front desk, reception area, or mail room at 9:55 am on March 4, 2024 in
9402811898765404664406	EHW LLC	101 S 4th St	Artesia	NM	88210-2177	ARTESIA, NM 88210.
						This is a reminder to arrange for redelivery of your item or your item will be returned to
9402811898765404664499	Elaine A Coles	4019 Hunts Point Rd	Hunts Point	WA	98004-1109	sender.
						Your item has been delivered to an agent for final delivery in ROSWELL, NM 88201 on March 4, 2024 at 10:45
9402811898765404664444	Eileen M. Grooms TTEE	1000 W 4th St	Roswell	NM	88201-3038	am.

				T		
9402811898765404664482	Flyway Holdings Ii Lp	4143 Maple Ave Ste 500	Dallas	TX		Your item was delivered to an individual at the address at 11:57 am on March 4, 2024 in DALLAS, TX 75219.
9402811898765404664437	Gc O And G LLC	201 Main St Ste 2700	Fort Worth	TX		Your item was delivered to the front desk, reception area, or mail room at 11:53 am on March 4, 2024 in FORT WORTH, TX 76102.
9402811898765404664475	GC Oil And Gas LLC	201 Main St Ste 2700	Fort Worth	TX	76102-3131	Your item was delivered to the front desk, reception area, or mail room at 11:53 am on March 4, 2024 in FORT WORTH, TX 76102.
9402811898765404664512	Hinkle Living Trust	PO Box 1793	Roswell	NM	88202-1793	Your item was picked up at the post office at 2:23 pm on March 4, 2024 in ROSWELL, NM 88201.
9402811898765404664550	James Lawrence Hinkle	PO Box 2262	King City	CA		Your item was picked up at the post office at 11:34 am on March 6, 2024 in KING CITY, CA 93930.
9402811898765404664598	James Neal Flowers	5503 E Marina Ct	Post Falls	ID		Your item was delivered to an individual at the address at 9:17 am on March 5, 2024 in POST FALLS, ID 83854.

9402811898765404664581	Jenna Hinkle Sartori	5710 Hatchery Ct	Penngrove	CA		Your item was delivered to an individual at the address at 11:46 am on March 7, 2024 in PENNGROVE, CA 94951.
9402811898765404664536	Jennie Vuksich	11401 San Francisco Rd NE	Albuquerque	NM	87122-2377	Your item was delivered to an individual at the address at 11:55 am on March 4, 2024 in ALBUQUERQUE, NM 87122.
9402811898765404665212		PO Box 20204	Hot Springs	AR		Your item was picked up at the post office at 11:30 am on March 6, 2024 in HOT SPRINGS NATIONAL PARK, AR
9402811898765404665250	Kristin Hinkle Coomes	265 259th Ave NE	Sammamish	WA	98074-3478	Your item was delivered to an individual at the address at 11:07 am on March 4, 2024 in SAMMAMISH, WA 98074.
9402811898765404665267		767 Old Quarry Rd S	Larkspur	CA		Your item has been delivered to an agent for final delivery in LARKSPUR, CA 94939 on March 6, 2024 at 2:08
9402811898765404665229	LMB RSN GST Exempt Dynasty 2016 Tr	201 Main St Ste 2700	Fort Worth	TX		Your item was delivered to the front desk, reception area, or mail room at 11:53 am on March 4, 2024 in FORT WORTH, TX 76102.

				T. C.		
9402811898765404665205	LMB RSN Non Exempt 2016 Tr	201 Main St Ste 2700	Fort Worth	TX	76102-3131	Your item was delivered to the front desk, reception area, or mail room at 11:53 am on March 4, 2024 in FORT WORTH, TX 76102.
						Your item was delivered to the front desk,
						reception area, or mail room at 11:53 am on March 4, 2024 in FORT
9402811898765404665298	Lmb Rsb Non-Exempt 2016 Trust	201 Main St Ste 2700	Fort Worth	TX	76102-3131	WORTH, TX 76102.
						Your item was delivered to the front desk, reception area, or mail room at 11:53 am on March 4, 2024 in FORT
9402811898765404665243	Lmb/Rsb Gst Exempt Dynasty 2016 Tr	201 Main St Ste 2700	Fort Worth	TX	76102-3131	WORTH, TX 76102.
						Your item was picked up at a postal facility at 4:14 pm on March 5, 2024 in TUCSON, AZ
9402811898765404665281	Mark Mason Hinkle	834 S Stuart Pl	Tucson	AZ	85710-5905	· ·
0402044000765404665226	Mayly Maglallan And Dayla McClallan 1947	DO Day 720	Desiral	NINA	00202 0720	Your item was picked up at the post office at 10:29 am on March 4, 2024 in ROSWELL, NM
9402811898765404665236	Mark Mcclellan And Paula McClellan HW	PO Box 730	Roswell	NM	88202-0730	This is a reminder to
						arrange for redelivery of
						your item or your item
0.402.04.4.00.07.65.40.46.65.27.4	Mary Ellan Jahastan	2745 N. Kamburahu A. a And 4.6	D II	NIN 4	00204 5060	will be returned to
9402811898765404665274	iviary Elien Johnston	2715 N Kentucky Ave Apt 16	Roswell	NM	88201-5868	sender.

		I				
9402811898765404665854	Mms Brenham Federal	810 Houston St	Fort Worth	TX	76102-6203	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
						Your item was delivered to an individual at the address at 11:57 am on March 4, 2024 in
9402811898765404665861	Msh Fam Real Est Prtnsp Ii LLC	4143 Maple Ave Ste 500	Dallas	TX	/5219-3294	DALLAS, TX 75219.
						Your item was picked up at a postal facility at 6:08 am on March 5, 2024 in SANTA FE, NM
9402811898765404665823	State Land Office	310 Old Santa Fe Trl	Santa Fe	NM	87501-2708	87501.
9402811898765404665809	Noreene Flowers	1908 N Mesa Ave	Roswell	NM	88201-7625	Your item was delivered to an individual at the address at 4:39 pm on March 4, 2024 in ROSWELL, NM 88201.
9402811898765404665892	Pamela L Flowers Dixon	2130 Quailwood Dr	Clarkston	WA	99403-1705	Your item was delivered to an individual at the address at 2:15 pm on March 5, 2024 in CLARKSTON, WA 99403.
						Your item was delivered to an individual at the address at 4:39 pm on March 4, 2024 in
9402811898765404665847	Patrick Glenn Flowers	1908 N Mesa Ave	Roswell	NM	88201-7625	ROSWELL, NM 88201.

9402811898765404665885	Pegasus Resources LLC	PO Box 733980	Dallas	TX	75373-3980	Your item was picked up at a postal facility at 5:31 pm on March 4, 2024 in DALLAS, TX 75260.
9402811898765404665830	Ralph Albert Shugart Tr	501 S Cherry St Ste 570	Denver	СО	80246-1327	We were unable to deliver your package at 6:35 pm on March 2, 2024 in DENVER, CO 80246 because the business was closed. We will redeliver on the next business day. No action needed.
9402811898765404665717	Robert Dennis Flowers	121 No Name Rd	Dexter	NM	88230-9505	Your item was delivered to an individual at the address at 5:09 pm on March 4, 2024 in DEXTER, NM 88230.
9402811898765404665755	Santa Elena Minerals IV LP	PO Box 732880	Dallas	TX		Your item was picked up at a postal facility at 5:31 pm on March 4, 2024 in DALLAS, TX
9402811898765404665724	Sara Ward Sims	101 S 4th St	Artesia	NM	88210-2177	Your item was delivered to the front desk, reception area, or mail room at 9:55 am on March 4, 2024 in ARTESIA, NM 88210.
9402811898765404665793	Sitio Permian LP	1401 Lawrence St Ste 1750	Denver	СО	80202-3074	Your item was delivered to an individual at the address at 1:17 pm on March 2, 2024 in DENVER, CO 80202.

			I	T	T	
9402811898765404665748	Smp Paisano Mineral Holdings Lp	4143 Maple Ave Ste 500	Dallas	TX	75219-3294	Your item was delivered to an individual at the address at 11:57 am on March 4, 2024 in DALLAS, TX 75219.
9402811898765404665786	Smp Sidecar Titan	4143 Maple Ave Ste 500	Dallas	TX	75219-3294	Your item was delivered to an individual at the address at 11:57 am on March 4, 2024 in DALLAS, TX 75219.
9402811898765404665731	Smp Titan Flex Lp	4143 Maple Ave Ste 500	Dallas	TX	75219-3294	Your item was delivered to an individual at the address at 11:57 am on March 4, 2024 in DALLAS, TX 75219.
9402811898765404665779	Smp Titan Mineral	4143 Maple Ave Ste 500	Dallas	TX	75219-3294	Your item was delivered to an individual at the address at 11:57 am on March 4, 2024 in DALLAS, TX 75219.
9402811898765404665915		PO Box 1148	Santa Fe	NM	87504-1148	Your item was picked up at a postal facility at 6:08 am on March 5, 2024 in SANTA FE, NM
9402811898765404665953	The Allen Family Rev Trust	3623 Overbrook Dr	Dallas	TX	75205-4326	Your item was delivered to an individual at the address at 2:54 pm on March 4, 2024 in DALLAS, TX 75205.

9402811898765404665960	The Bass Sickel 2016 Childrens Tr	201 Main St Ste 2300	Fort Worth	TX	76102-3137	Your item was delivered to the front desk, reception area, or mail room at 11:53 am on March 4, 2024 in FORT WORTH, TX 76102.
9402811898765404665922	The Philecology Foundation	201 Main St Ste 2700	Fort Worth	TX		Your item was delivered to the front desk, reception area, or mail room at 11:53 am on March 4, 2024 in FORT WORTH, TX 76102.
9402811898765404665908	Timothy Richardson Bass	201 Main St Ste 2700	Fort Worth	TX	76102-3131	Your item was delivered to the front desk, reception area, or mail room at 11:53 am on March 4, 2024 in FORT WORTH, TX 76102.
9402811898765404665991		PO Box 1300	Roswell	NM		Your item was picked up at the post office at 11:05 am on March 4, 2024 in ROSWELL, NM
9402811898765404665939	TWR IV LLC	3724 Hulen St	Fort Worth	TX		Your item was delivered to an individual at the address at 12:09 pm on March 4, 2024 in FORT WORTH, TX 76107.

				T		We attempted to deliver
						your item at 11:52 am
						on March 14, 2024 in
						FORT WORTH, TX 76107
						and a notice was left
						because an authorized
						recipient was not
9402811898765404665977	Vatex Mineral Fund I Lp	1204 W 7th St Ste 200	Fort Worth	TX	76102-3593	· '
3 102011030703 10 1003377	vacex militaria rana rap	1201117111313121200	rore worth	174	70102 3333	Your item was picked up
						at a postal facility at
						7:44 am on March 5,
						2024 in MIDLAND, TX
9402811898765404665656	Conocophillips C/O Michael Monju	600 W Illinois Ave	Midland	TX	79701-4882	·
3 102011030703 10 1003030	conceepinings e/e iniciaer menja	Coo to minios / tec	- Iviididiid	170	73701 1002	Your item was picked up
						at a postal facility at
						7:44 am on March 5,
						2024 in MIDLAND, TX
9402811898765404665663	Cog Operating Llc, C/O Robynrussel	601 W. Illinois Ave	Midland	TX	79702	79702.
						Your package will arrive
						later than expected, but
						is still on its way. It is
						currently in transit to
9402811898765404665625	Giant Operating Llc C/O Karen Cook	2100 Ross Ave Ste 950	Dallas	TX	75201-6735	the next facility.
	i g .					Your item is being
						processed at our USPS
						facility in IRVING, TX
						75038 on March 13,
9402811898765404665601	Giant Operating Llc C/O George Wesley Harris	1320 Greenway Dr Unit 650	Irving	TX	75038-2550	2024 at 6:56 pm.
		,				Your item was picked up
						at the post office at
						12:56 pm on March 5,
						2024 in ARTESIA, NM
0402811808765404665640	Poco Resoruces Llc C/O Joshua A. Olguin	3307 E Castleberry Rd	Artesia	NM	88210-9731	



PO Box 631667 Cincinnati, OH 45263-1667

### PROOF OF PUBLICATION

Holland And Hart Holland And Hart 110 N Guadalupe ST # 1 Santa Fe NM 87501-1849

### STATE OF WISCONSIN, COUNTY OF BROWN

The Carlsbad Current Argus, a newspaper published in the city of Carlsbad, Eddy County, State of New Mexico, and personal knowledge of the facts herein state and that the notice hereto annexed was Published in said newspapers in the issue:

03/01/2024

and that the fees charged are legal. Sworn to and subscribed before on 03/01/2024

Legal Clerk

Notary, State of WI, County of Brown

My commission expires

Publication Cost:

\$367.54

Order No:

9899405

# of Copies:

Customer No:

1360634

1

PO#:

Case No. 24273

### THIS IS NOT AN INVOICE!

Please do not use this form for payment remittance.

KATHLEEN ALLEN Notary Public State of Wisconsin

STATE OF NEW MEXICO
ENERGY, MINERALS
AND NATURAL
RESOURCES
DEPARTMENT
OIL CONSERVATION
DIVISION
SANTA FE, NEW
MEXICO
The State of New Mexico,
Energy Minerals and
Natural Resources Department,
Oil Conservation
Division ("Division")
hereby gives notice that
the Division will hold
public hearings before a
hearing examiner on the
following case. The hearings will be conducted in a
hybrid fashion, both inperson at the Energy
Minerals, Natural
Resources Department,
Wendell Chino Building,
Pecos Hall, 1220 South St.
Francis Drive, 1st Floor,
Santa Fe, NM 87505 and
via the WebEx virtual
meeting platform (sign-in
information below) on
Thursday, March 21, 2024,
beginning at 8:15 a.m. To
participate in the hearings,
see the instructions posted
below. The docket may be
viewed
Apodaca, at
Sheila.Apodaca@emard.nm.gov
Documents filled in Apodaca, at Sheila.Apodaca@emnrd.nm .gov. Documents filed in these cases may be viewed

gov. Documents Alea in these cases may be viewed at https://ocdimage.emnrd.n m.gov/Imaging/Default.asp x. If you are an individual with a disability who needs a reader, amplifier, qualified sign language interpreter, or other form of auxiliary aid or service to attend or participate in a hearing, contact Sheila.Apodaca@emnrd.nm.gov, or the New Mexico Relay Network at 1-800-659-1779, no later than March 10, 2024.

STATE OF NEW MEXICO All named parties and persons having any right, title, interest or claim in the following case and notice to the public. (NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

To: All affected interest.

tions herein refer to the New Mexico Principal Meridian whether or not so stated.)

To: All affected interest owners, including: 2016 SAMANTHA BASS FAM TR; 2016 HYATT BASS FAM TR; 2016 HYATT BASS FAM TR; 2016 SAMANTHA BASS FAMILY TRUST; 2016 SAMANTHA BASS FAMILY TRUST; 2016 SAMANTHA BASS FAMILY TRUST; ANNE CHANDLER BASS FAMILY TRUST; BAYSWATER FUND IV B LLC; BETTIANNE H BOWEN LIV TR; BUYEN BY SWATER FUND TO BAYSWATER FUND TR; BUYEN BY SWATER BY SWATER FUND TR; BUYEN BY SWATER BY SWATER FOR THE FIRE TO AND GAS LLC; BETTIAND GAS LLC; BEW LLC; ELAINE A COLES, her heirs and devisees; EME FLYWAY HOLDINGS II LP; GC OAND GLC; GC OIL AND GAS LLC; HINKLE, his heirs and devisees;

JAMES NEAL FLOWERS, his heirs and devisees; JENNA
HINKLE SARTORI, her heirs and devisees; JENNIE VUKSICH, her heirs and devisees; JENNINGS LEE TRUST; KRISTIN HINKLE COOMES, her heirs and devisees; LMB RSB GST EXEMPT DYNASTY 2016 TR; LMB RSB NON EXEMPT 2016 TR; MARK MASON HINKLE, his heirs and devisees; MASH FAM FEDERAL; MSH FAM FEDERAL; RSH FEDERAL; MSH FAM FEDERAL; MSH FEDERAL; MSH FAM FEDERAL; MSH FEDERAL; MSH FEDERAL; MSH FAM FEDERAL; MSH FEDERAL; MSH

POKER LAKE UNIT CVX JV RR 010H (API No. 30-015-42158);
POKER LAKE CVX JV RR 006H (API No. 30-015-40580);
POKER LAKE CVX JV PB 005H (API No. 30-015-40763);
POKER LAKE CVX JV BS 022H (API No. 30-015-41693);
POKER LAKE CVX JV BS 022H (API No. 30-015-41693);
POKER LAKE CVX JV PC COM 021H (API No. 30-015-407693);
POKER LAKE CVX JV PC COM 021H (API No. 30-015-407693);
POKER LAKE CVX JV BS 011H (API No. 30-015-407693);
POKER LAKE CVX JV BS 011H (API No. 30-015-407693);
POKER LAKE CVX JV BS 011H (API No. 30-015-407693);
POKER LAKE CVX JV BS 011H (API No. 30-015-407693);
POKER LAKE CVX JV BS 021H (API No. 30-015-407693);
POKER LAKE CVX JV BS 021H (API No. 30-015-407694);
POKER LAKE CVX JV BS 021H (API No. 30-015-407694);
POKER LAKE CVX JV BS 021H (API No. 30-015-407694);
POKER LAKE CVX JV BS 009H (API No. 30-015-407694);
POKER LAKE CVX JV BS 019H (API No. 30-015-407694);
POKER LAKE CVX JV BS 019H (API No. 30-015-407694);
POKER LAKE CVX JV BS 019H (API No. 30-015-407694);
POKER LAKE CVX JV BS 019H (API No. 30-015-4076999999);
POKER LAKE CVX JV BS 019H (API No. 30-015-4076999999);
POKER LAKE CVX JV BS 019H (API No. 30-015-4076999999);
POKER LAKE CVX JV BS 019H (API No. 30-015-4076999999);
POKER LAKE CVX JV BS 019H (API No. 30-015-407699999);
POKER LAKE CVX JV BS 019H (API No. 30-015-407699);
POKER LAKE CVX JV BS 019H (API No. 30-015-407699);
POKER LAKE CVX JV BS 019H (API No. 30-015-407699);
POKER LAKE CVX JV BS 019H (API No. 30-015-407699);
POKER LAKE CVX JV BS 019H (API No. 30-015-407699);
POKER LAKE CVX JV BS 019H (API No. 30-015-407699);

## STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION OF XTO PERMIAN OPERATING, LLC FOR A CLOSED LOOP GAS CAPTURE INJECTION PILOT PROJECT, EDDY COUNTY, NEW MEXICO.

**CASE NO. 24273** 

### SUPPLEMENTAL SELF-AFFIRMED STATEMENT OF ISAAC OLIVAS

- My name is Isaac Olivas and I am employed by XTO Permian Operating, LLC ("XTO") as a Greenhouse Gas Brownfield Facility Program Manager.
- 2. I am familiar with the application filed by XTO in this case and previously provided testimony in support of its approval in this proceeding. My credentials as an expert in facilities engineering have been recognized and accepted as a matter of record by the Division.
- 3. I am providing this supplemental statement to clarify a few issues that arose at the initial hearing on this matter on March 21, 2024, and to provide supplemental information and to address the Technical Examiner's questions, as requested at that hearing.

### Pilot Project Area

- 4. First, the legal description of the proposed Pilot Project Area inadvertently included errors in the legal description.
- 5. The intent was to identify non-contiguous spacing units for each of the proposed CLGC wells as the proposed Pilot Project Area. However, due to a scrivener's error, the legal description was incorrectly stated. The correct legal description of the Pilot Project Area, based on the designated acreage identified in the C-102s for each of the proposed CLGC wells, is the following:

BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Supplemental Exhibit No. G Submitted by: XTO Permian Operating Hearing Date: June 13, 2024

## Township 25 South, Range 30 East

E/2 SE/4 Section 8: Section 13: W/2 W/2E/2 W/2 Section 14: Section 15: E/2 W/2 Section 17: E/2E/2 E/2 Section 20: Section 21: W/2 W/2 Section 22: E/2 W/2W/2 W/2 Section 23: Section 24: W/2 W/2Section 26: W/2 NW/4 Section 29: E/2 NE/4

- 6. At the March 21, 2024, hearing, the Technical Examiner noted that there were errors in the legal description and requested XTO provide updated notice to all affected parties correcting the legal description and publish a revised notice in the newspaper. The supplemental notice was provided, as requested, and will be filed into the record of this case as a supplemental exhibit with the Division.
- 7. **XTO Exhibit G-1** is a map of the Pilot Project Area correctly depicting the boundaries for each of the proposed CLGC wells' spacing units that will comprise the Pilot Project Area. Also depicted is the approximate location for each of the proposed CLGC wells. The pink stars reflect the bottom-hole location for each well. The light blue lines reflect the approximate location of each wellbore. The API numbers for each well are also included.

# List of Source Gas Compressor Stations and Batteries Serving CLGC Project

- 8. Second, the Technical Examiner requested a list of all compressor stations and batteries that may or will provide produced gas during injection events as part of the proposed CLGC project.
- 9. <u>XTO Exhibit G-2</u> is a complete list of requested compressor stations and batteries connected to XTO's Cowboy facility that will supply produced gas during CLGC injection events.

The exhibit includes a list of compressor stations/batteries that are connected to the Cowboy facility and from which produced gas may be sourced during a CLGC injection event. Each facility includes a meter name and its approximate location by Section based on the Public Land Survey System (PLSS).

# **Updated Half-Mile AOR Well Tabulation Sheet**

- 10. Third, the Technical Examiner requested submission of a revised well tabulation exhibit reflecting the well construction and cement details for each casing string for wells within the half-mile area of review (AOR). The requested well construction and cement details for each well within the AOR had been inadvertently excluded from Exhibit J of the Application (pages 126-129 of XTO Exhibit A).
- 11. In addition, when preparing the requested supplemental exhibit, we confirmed that the well tabulation information contained in Exhibit J of the Application (pages 126-129 of Exhibit A) included all wells within the two-mile radius identified on page 2 of Exhibit I of the Application (page 125 of XTO Exhibit A) and was not limited to wells within the AOR. Accordingly, the well tabulation information, including well construction and cement details, in the supplemental exhibit is limited to wells only within the half-mile area of review.
- well within the AOR. It provides the information required by the Division, including well construction and cement details for each casing string, for each well within a half-mile radius of each proposed CLGC well. In addition to filing the exhibit, XTO has provided the well tabulation sheet as an Excel spreadsheet to the Technical Examiner.

# List of Wells within One-Quarter Mile of Each Proposed CLGC Well

- 13. Fourth, in addition to the complete well tabulation sheet for wells within the AOR, the Technical Examiner also requested XTO provide a list of offset wells within one-quarter mile of the proposed CLGC wells in the same formation (*i.e.*, Bone Spring formation) and an updated gun barrel diagram showing those wells, if applicable.
- 24. XTO Exhibit G-4 is a list of offset wells within one-quarter mile of each proposed CLGC well. The list includes all wells within one-quarter mile of each proposed CLGC well and includes a column identifying the Division-assigned production pool and formation, as well as details on the well construction and cement status for each casing string. In addition to filing the exhibit, XTO has provided the list of quarter mile wells as an Excel spreadsheet to the Technical Examiner.

# **Amended Allocation Methodology Following CLGC Injection Events**

- 15. Fifth, in response to the Division's confirmation at the March 21, 2024, hearing that it will not approve a first-in-first-out gas allocation method following CLGC injection events, XTO has prepared a revised gas allocation plan based on a gas-to-oil ratio (GOR) well test method that follows the example of previously approved post-injection GOR allocation methods. *See, e.g.*, Division Order No. R-22101 (Case No. 22088).
- 16. XTO Exhibit G-5 is a description and summary of XTO's proposed gas allocation method. The exhibit provides a summary overview of the proposed gas allocation method and includes a sample calculation to demonstrate its application. It also includes a discussion of XTO's method for determining CLGC well selection for injection events intended to minimize disruptions to oil production by selecting the most appropriate CLGC wells for each injection event.

- 17. I believe XTO's revised proposal for allocating between injected storage gas and native reservoir gas is a fair, reasonable, and accurate method for allocating gas production after a storage event.
- 18. <u>XTO Exhibit G-6</u> is an updated flow schematic that provides an operational overview of normal production operations, transition to a CLGC injection event, and return to normal production. This exhibit is useful to understand key measurement and operational points for purposes of applying XTO's proposed gas allocation method.
- 19. In XTO Exhibit G-6 the blue circle toward the left side of the exhibit represents source wells that will supply produced gas injected during a CLGC injection event. Each step in the process from production during normal operations to CLGC injection and return to normal production operations is identified and described in the exhibit by a red numbered circle. I will discuss each step in the process in turn and provide a summary overview of the salient details, including clarification on title, custody, and control of the gas at each enumerated step.
- 20. No. 1: During normal operations, gas produced from the source wells is severed at the surface. At this point, title of the gas—as well as custody and control—is with XTO Permian Operating, LLC (XTO Upstream), which operates each of the wells that potentially provides source gas for the CLGC pilot project.
- 21. No. 2: Produced gas is conveyed to each well's associated tank battery where it is measured and tested to ensure it meets the required standards for transportation and sale.
- 22. No. 3: Measurement at this stage also determines the gas volumes for royalty and interest owner accounting purposes pursuant to underlying lease instruments and applicable working interest owner agreements. XTO maintains detailed records, including volumes produced

and sold, essential for calculating royalties and ownership interests under its governing instruments.

- No. 4: At a receipt point downstream of the associated tank batteries title of the gas remains with XTO Upstream; however, custody and control of the gas transfers to a related XTO Midstream entity pursuant to a gas gathering and processing agreement.
- 24. No. 5: XTO Midstream, in possession and control of the produced gas at this point, is responsible for transportation of the gas in this portion of the process as the gas is conveyed through various XTO-owned pipelines and compressor stations. Custody remains with XTO Upstream through step Nos. 1-5 until the gas is transferred downstream of XTO-owned compression to processing facilities.
- During a CLGC injection event when delivery and takeaway capacity for gas processing is interrupted at XTO's compression, XTO proposes, as part of its CLGC Pilot Project, to divert gas to its proposed CLGC wells for temporary injection and storage until the gas takeaway interruption is resolved and normal operations and gas processing can resume. CLGC wells are indicated on the exhibit with a blue circle denoted "CLGC Well" near the bottom left of the exhibit.
- 26. Under the CLGC injection scenario, source gas will be diverted prior to processing downstream of XTO's compression to one or more of its proposed CLGC wells for temporary injection. Source gas will be measured prior to injection at each CLGC well. At the point of measurement, custody and control of the gas also reverts to XTO Upstream. Injection in the CLGC wells will continue for as long as the gas processing interruption persists or until the CLGC wells are unable to accept additional gas.
- 27. Following the injection event, when the gas processing interruptions are resolved and normal production operations can resume, each CLGC well will return to normal production

operations. As gas is produced from each CLGC well subject to an injection event, gas that is produced will go through a GOR well tester for continuous measurement and testing pursuant to the Division's standard conditions of approval for CLGC pilot projects.

- 28. Specifically, XTO will adopt the following Division standard conditions of approval as part of its allocation methodology:
  - If a CLGC Well has had less than twenty-four (24) hours of injection over a seven (7) day period, then XTO will dedicate a test separator to the CLGC Well for a period not less than forty-eight (48) hours following the CLGC event;
  - If a CLGC Well has had more than twenty-four (24) hours of injection over a seven (7) day period, then XTO will dedicate a test separator to the CLGC Well for a period not less than seven (7) days following the CLGC event;
  - If one hundred percent (100%) of the injected storage gas is recovered from a CLGC Well during a seven-day (7) period immediately following the CLGC event, then XTO is no longer required to dedicate a test separator to it; and
  - Following the seven-day (7) period immediately following the CLGC event during which XTO dedicates a test separator to a CLGC Well and if one hundred percent (100%) of the injected storage gas has not been recovered, then XTO will increase the frequency of well tests conducted on the CLGC Well as much as is feasible until the injected gas is no longer being recovered.
- 29. Subject to the above-described measurement and testing provisions, XTO will allocate production from a CLGC well following an injection event as described in XTO Exhibit G-5 until 100% of injected storage gas is recovered, at which point XTO will revert to its standard gas allocation procedures under normal production operations.

- 30. Gas produced following a CLGC event will re-enter XTO's normal gas management process through either the PLU BS 14 25 30 tank battery or the PC 17 tank battery, which serve the CLGC pilot project wells. As with the source gas described above, the produced gas will transfer back to the custody and control of XTO Midstream at a receipt point downstream of the tank battery until it is conveyed to a processor downstream of XTO's compression.
- 31. **XTO Exhibits G-1** through **G-6** were either prepared by me or compiled under my direction and supervision or comprise XTO business records.
- 32. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.

Isaac Olivas

6-3-2024 Date

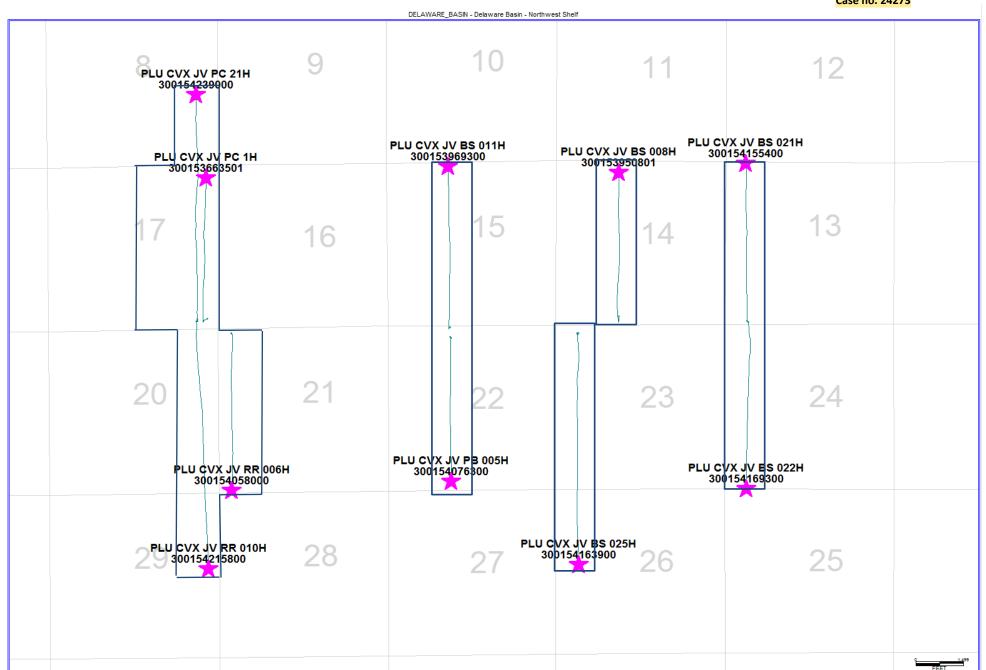
# **Project Area Map**

BEFORE THE OIL CONSERVATION DISASSES 278

Santa Fe, New Mexico
Supplemental Exhibit No. G-1

Submitted by: XTO Permian Operating, LLC
Hearing Date: June 13, 2024

Case no. 24273



Comp Station	MeterName	S-T-R
Raider/Bronco Comp Stations	NASH DEEP EAST 18 GAS 10" FMP	18-23S-30E
Raider/Bronco Comp Stations	NASH DEEP EAST 18 GAS 6" FMP	18-23S-30E
Raider/Bronco Comp Stations	REMUDA 100 TB N FMP	25-23S-29E
Raider/Bronco Comp Stations	REMUDA 100 TB S FMP	25-23S-29E
Raider/Bronco Comp Stations	NASH UNIT TO BRONCO	18-23S-30E
Raider/Bronco Comp Stations	REMUDA NORTH 25 PAD B GAS FMP	25-23S-29E
Raider/Bronco Comp Stations	REMUDA SOUTH 25 PAD D GAS FMP	25-23S-29E
Raider/Bronco Comp Stations	REMUDA SOUTH 30 PAD A GAS FMP	25-23S-29E
Raider/Bronco Comp Stations	REMUDA 500 TB FMP	25-23S-29E
Wolverine Comp Station	MUY WAYNO 18 FMP	18-25S-30E
Wolverine Comp Station	PLU 18 BD WEST FMP	18-25S-30E
Tiger/Maverick/Eagle Comp Stations	PLU 20 BD WEST FMP	20-25S-30E
Tiger/Maverick/Eagle Comp Stations	PLU 21 BD EAST SAT GAS FMP	21-25S-30E
Tiger/Maverick/Eagle Comp Stations	PLU 21 BD WEST GAS FMP	21-25S-30E
Tiger/Maverick/Eagle Comp Stations	PLU 25 BD SATELLITE FMP METER	25-25S-30E
Tiger/Maverick/Eagle Comp Stations	PLU 25 BD WEST FMP	25-25S-30E
Tiger/Maverick/Eagle Comp Stations	PLU 28 BS SATELLITE FMP METER	28-25S-31E
Tiger/Maverick/Eagle Comp Stations	PLU 28 BS WEST FMP MTR	28-25S-31E
Tiger/Maverick/Eagle Comp Stations	PLU 29 BS SATELLITE FMP METER	29-25S-31E
Tiger/Maverick/Eagle Comp Stations	PLU 29 BS WEST 12" FMP	29-25S-31E
Tiger/Maverick/Eagle Comp Stations	BRUSHY DRAW 30 31 FED 12" FMP MTR	31-25S-30E
Tiger/Maverick/Eagle Comp Stations	POKER LAKE UNIT 26 BD SALES MTR TRAIN 1	26-25S-30E
Tiger/Maverick/Eagle Comp Stations	POKER LAKE UNIT 26 BD SALES MTR TRAIN 2	26-25S-30E
Tiger/Maverick/Eagle Comp Stations	POKER LAKE UNIT 27 BD GAS SALES MTR EAST	27-25S-30E
Tiger/Maverick/Eagle Comp Stations	POKER LAKE UNIT 27 BD GAS SALES MTR WEST	27-25S-30E
Tiger/Maverick/Eagle Comp Stations	POKER LAKE UNIT 28 BS MEGA PAD B	28-25S-31E
Tiger/Maverick/Eagle Comp Stations	POKER LAKE UNIT 28 BS MEGA PAD D	28-25S-31E
Tiger/Maverick/Eagle Comp Stations	POKER LAKE UNIT 29 20 BS EAST SAT FMP PAD D	29-25S-31E
Tiger/Maverick/Eagle Comp Stations	POKER LAKE UNIT 29 20 BS WEST FMP MTR PAD B	29-25S-31E
Tiger/Maverick/Eagle Comp Stations	POKER LAKE UNIT 30 BS FMP MTR 113	30-25S-31E
Tiger/Maverick/Eagle Comp Stations	POKER LAKE UNIT 30 BS FMP MTR 114	30-25S-31E
Wildcat/Spartan/Cougar/Highlander Comp Stations	PLU 13 DTD EAST 12" FMP MTR	24-24S-30E
Wildcat/Spartan/Cougar/Highlander Comp Stations	PLU 13 DTD EAST SATELLITE 12" FMP MTR	24-24S-30E
Wildcat/Spartan/Cougar/Highlander Comp Stations	PLU 15 TWR WEST FMP	22-24S-31E
Wildcat/Spartan/Cougar/Highlander Comp Stations	POKER LAKE UNIT 16 TWR CVB GAS SLS MTR 12IN	21-24S-31E
Wildcat/Spartan/Cougar/Highlander Comp Stations	POKER LAKE UNIT 16 TWR CVB GAS SLS MTR 2 12IN	21-24S-31E
Wildcat/Spartan/Cougar/Highlander Comp Stations	PLU 18 TWR EAST SATELLITE 10" FMP METER	19-24S-31E
Wildcat/Spartan/Cougar/Highlander Comp Stations	PLU 18 TWR EAST SATELLITE 6" FMP METER	19-24S-31E
Wildcat/Spartan/Cougar/Highlander Comp Stations	PLU 18 TWR WEST 10" FMP METER	19-24S-31E
Wildcat/Spartan/Cougar/Highlander Comp Stations	PLU 18 TWR WEST 6" FMP METER	19-24S-31E
Wildcat/Spartan/Cougar/Highlander Comp Stations	PLU 411 FMP TO MSO PLU 78 FMP TO MSO	28-24S-31E
Wildcat/Spartan/Cougar/Highlander Comp Stations	PLU 89 FMP TO MSO	25-24S-30E 25-24S-30E
Wildcat/Spartan/Cougar/Highlander Comp Stations Wildcat/Spartan/Cougar/Highlander Comp Stations	PLU 68 FMP TO MSO	25-245-30E 20-24S-31E
Wildcat/Spartan/Cougar/Highlander Comp Stations Wildcat/Spartan/Cougar/Highlander Comp Stations	PLU BS 3 25 31 FMP to MSO	04-25S-31E
Wildcat/Spartan/Cougar/Highlander Comp Stations Wildcat/Spartan/Cougar/Highlander Comp Stations	PLU BS 25 FMP TO MSO	25-25S-30E
Wildcat/Spartan/Cougar/Highlander Comp Stations	PLU 21 DTD CVB 12IN GAS FMP1	16-24S-30E
Wildcat/Spartan/Cougar/Highlander Comp Stations	PLU 21 DTD CVB 12IN GAS FMP 2	16-24S-30E
Wildcat/Spartan/Cougar/Highlander Comp Stations	PLU 21 DTD CVB 4IN GAS FMP	16-24S-30E
Wildcat/Spartan/Cougar/Highlander Comp Stations	PLU 22 DTD CVB 12IN GAS FMP 1	15-24S-30E
Wildcat/Spartan/Cougar/Highlander Comp Stations	PLU 22 DTD CVB 12IN GAS FMP 2	15-24S-30E
Wildcat/Spartan/Cougar/Highlander Comp Stations	PLU 22 DTD CVB 4IN GAS FMP	15-24S-30E
Wildcat/Spartan/Cougar/Highlander Comp Stations	PLU 22 DTD MEGA PAD A SALES FMP	15-24S-30E
Wildcat/Spartan/Cougar/Highlander Comp Stations	PLU 22 DTD MEGA PAD D SALES FMP	15-24S-30E
Wildcat/Spartan/Cougar/Highlander Comp Stations	PLU 23 DTD CVB 12IN GAS FMP 1	14-24S-30E
Wildcat/Spartan/Cougar/Highlander Comp Stations	PLU 23 DTD CVB 12IN GAS FMP 2	14-24S-30E
Wildcat/Spartan/Cougar/Highlander Comp Stations	PLU 23 DTD CVB 4IN GAS FMP	14-24S-30E
Wildcat/Spartan/Cougar/Highlander Comp Stations	PLU 23 DTD CVB WEST PAD B SALES FMP	14-24S-30E
Wildcat/Spartan/Cougar/Highlander Comp Stations	PLU 23 DTD CVB EAST PAD B SALES FMP	14-24S-30E

Column   C																
Control   Cont	API# Current Operator	Lease Name and Well Number	Well Type	Status	Surf Location Date Drilled TD (TVI	DSS) Total Depth (MD	Current Production Pool	County S	State	Casing	Hole Size	Casing Siz	e Set Depti	1 Sx Cemen	t Cement To	op Method
Marche   M				Reclamation Fund Approved					MM							
Control   Cont						3775	[13360] CORRAL CANYON, DELAWARE									
Control   Cont						0		Eddy N	MM							
Control   Cont						0										
Column   C																
Control   Cont						0										
Marche   M					D-21-255-30E 01/01/1900 0	0		Eddy N								
Second Control						0		Eddy N	UNA.							
Ministry   Ministry				Plugged (site released)		0										
State   Part				Plugged (site released)												
March 1987   1987   1988   1989   1						0		Eddy N	NM							
Second Control (1988)   Control (1988)						3763	[13360] CORRAL CANYON, DELAWARE	Eddy N	VM							
March   Marc							[=====]									
Ministry   Ministry				Plugged (site released)		0										
Marche Company	0-015-25318 POCO Resources LLC	POKER LAKE UNIT STATE #068	Oil	Active	O-08-25S-30E 12/09/1985 3767	3767	[13360] CORRAL CANYON, DELAWARE	Eddy N	MV							
Part			Oil			12740			MV:	Surface Casing	17.500	13.375	700	912	0	Circ
Part										Intermediate 1 Casing	12.250				0	
Part										Production Casing	8.750	5.500	12740	2300	4000	
Part													0	0	0	
Page	<u> </u>									Packer	8.750	0.000	0	0	0	
Part			Oil			0										
Part	0-015-37053 COG OPERATING LLC	GRAVY STATE COM #001H	Oil	Plugged (not released)	F-08-25S-30E 05/15/2009 12155	12155	[96473] PIERCE CROSSING, BONE SPRING, EAST	Eddy N							0	Circ
Part															0	
Part													12155	1900	3200	
Part													0	0	0	
Mary	30-015-37077 POCO Resources LLC	GIAN I SUPERIOR STATE #001	Oil	Active	H-U8-25S-30E 06/25/2009 6000	6000	[13360] CORRAL CANYON, DELAWARE	Eddy N							0	Circ
Mary													6000	2000	U	
**************************************	20.045.27260.606.005247395.116	ECCS STATE COMM MODALL	Oil	Astino	B 00 355 305 03/43/3044 (5333	12027	[07064] WILDCAT C2F2000D DONE CDDING	ran -					020	U OFF	0	
March   Marc	50-015-37260 COG OPERATING LLC	EGGS STATE COM #UU1H	UII	ACTIVE	D-U6-255-3UE U2/12/2U11 13837	1383/	[3/001] WILDCAT 5253008B, BUNE SPRING	Eddy N							0	
Marche   M															0	
	20 045 27275 VTO DEDMIAN ODERATING H.C.	DONED I WAS CITY IN DC #000H	Oil	Antino	D 46 3ES 30E 04/33/3014 93E0	12202	[42354] CORRAL CANVON, DONE SPRING, SOUTH, [06402] WILDOAT, DONE SPRING	Edda A							0	
Part	30-013-37373 ATO PERIVIAN OPERATING LLC.	PORER LAKE CVA JV PC #009H	OII	Active	P-10-255-50E 04/22/2011 8559	12292	[13334] CORRAL CANTON, BONE SPRING, 300 IT, [90403] WILDCAT, BONE SPRING	Eddy i							0	
Part	20 045 27027 VTO DEDMIAN ODERATING LIC	DOVED I AVE UNIT CUY IV DC #007U	Oil	Divaged (not released)	A 08 355 305 10/06/3010 8007	12700	[06220] CORDAL DRAW DONE SPRING, [06402] WILDOAT DONE SPRING	Edd. A						-	0	Cire
Part	30-015-37937 XTO PERIMIAN OPERATING LLC.	PORER LAKE UNIT CVX JV PC #007H	OII	Plugged (not released)	A-08-255-30E 10/06/2010 809/	12/00	[96238] CORRAL DRAW, BONE SPRING; [96403] WILDCAT, BONE SPRING	Eddy P	VIVI :	Intermediate 1 Caring					0	
Part													0	0	0	Circ
													12700	1500	n	Circ
Part													0	0	0	Circ
Part	30.015.39508 XTO PERMIAN OPERATING LLC	POKER LAKE CVY IV BS #008H	Oil	Temporary Ahandonment	N-14-25S-30F 10/26/2011 9213	13865	[97913] WILDCAT G.06 \$2530020 RONE SPRING	Eddy N					1367	0	0	
Part				,			()						4083	0	0	
Section   Sect														0	0	
March   Marc	30-015-39693 XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV BS #011H	Oil	Active	C-22-25S-30E 02/29/2012 8449	13575	[96654] WILDCAT BIG SINK, BONE SPRING	Eddy N						0	30	
Part														0	29	
Policy   P											7.875	5.500	13575	0	0	
State   Part	30-015-40396 BOPCO, L.P.	POKER LAKE UNIT #375H	Oil	Cancelled	M-02-25S-30E 0	0	[96209] CORRAL CANYON, DELAWARE, NORTHEAST	Eddy N								
Product   Prod		DUNED I VAE UNA IN DD HUURH														
Part			Oil	Temporary Abandonment	D-21-255-30E 10/02/2012 8303	13090	[13354] CORRAL CANYON, BONE SPRING, SOUTH	Eddy N	MV:	Surface Casing	17.500	13.375		1450	0	Circ
031-40710 NO PERMANO OPERATING LLC 04-149-35-56-66 04-149-36-66-66-56-66-66-66-66-66-66-66-66-66-66		FOREN PARE CVX JV NN #00011	Oil	Temporary Abandonment	D-21-255-30E 10/02/2012 8303	13090	[13354] CORRAL CANYON, BONE SPRING, SOUTH	Eddy N	MV:						0	
Part		POREN PARE CVA JV NN #00011	Oil	Temporary Abandonment	D-21-255-30E 10/02/2012 8303	13090	[13354] CORRAL CANYON, BONE SPRING, SOUTH	Eddy N	MI :	Intermediate 1 Casing	11.000	8.625	3700	1700	0 0 0	Circ
Principal   Prin			Oil						MM	Intermediate 1 Casing Production Casing Tubing 1	11.000 7.875	8.625 5.500	3700	1700	0 0 0	Circ
Control   Cont			Oil						MM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing	11.000 7.875 7.875 17.500	8.625 5.500 2.875 13.375	3700 13090 0 1164	1700 1900 0 700	0 0 0 0	Circ Circ
Policy   P			Oil						MM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing	11.000 7.875 7.875 17.500 12.250	8.625 5.500 2.875 13.375 9.625	3700 13090 0 1164 3600	1700 1900 0 700 1450	0 0 0 0	Circ Circ
			Oil						MM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing	11.000 7.875 7.875 17.500 12.250 8.750	8.625 5.500 2.875 13.375 9.625 7.000	3700 13090 0 1164 3600 7481	1700 1900 0 700 1450 510	0 0 0 0	Circ Circ Circ
Post			Oil Oil						NM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1	11.000 7.875 7.875 17.500 12.250 8.750 6.125	8.625 5.500 2.875 13.375 9.625 7.000 4.500	3700 13090 0 1164 3600 7481	1700 1900 0 700 1450 510	0 0 0 0 0	Circ Circ Circ
Production Carrier 1	30-015-40710 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H		Active	I-19-255-30E 01/30/2013 7383	14769	[96620] CORRAL CANYON, DELAWARE,SDUTH	Eddy N	NM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Tubing 1	11.000 7.875 7.875 17.500 12.250 8.750 6.125 6.125	8.625 5.500 2.875 13.375 9.625 7.000 4.500 2.875	3700 13090 0 1164 3600 7481 14749	1700 1900 0 700 1450 510	0 0 0 0 0 0	Circ Circ Circ
Active   C-22-25-306   12/01/2012   986   1342   98239  CORRAL DRAW, BONE SPRING   Edy   M. Surface Casing   1.00   8.75   3.15   3.13   0.0	30-015-40710 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H		Active	I-19-255-30E 01/30/2013 7383	14769	[96620] CORRAL CANYON, DELAWARE,SDUTH	Eddy N	NM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Tubing 1 Surface Casing	11.000 7.875 7.875 17.500 12.250 8.750 6.125 6.125 17.500	8.625 5.500 2.875 13.375 9.625 7.000 4.500 2.875 13.375	3700 13090 0 1164 3600 7481 14749 0	1700 1900 0 700 1450 510 0	0 0 0 0 0 0 0	Circ Circ Circ
0.015-40765 XTO PERMANA OPERATING L.C.    OCUPA   PORTE LAKE C.V.X. PR BROSH   OI	30-015-40710 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H		Active	I-19-255-30E 01/30/2013 7383	14769	[96620] CORRAL CANYON, DELAWARE,SDUTH	Eddy N	NM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Tubing 1 Surface Casing Intermediate 1 Casing	11.000 7.875 7.875 17.500 12.250 8.750 6.125 6.125 17.500 11.000	8.625 5.500 2.875 13.375 9.625 7.000 4.500 2.875 13.375 8.625	3700 13090 0 1164 3600 7481 14749 0 1320 4015	1700 1900 0 700 1450 510 0 0	0 0 0 0 0 0 0 0	Circ Circ Circ
Intermediate   Casing   1.00   1.60   1.00	30-015-40710 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H		Active	I-19-255-30E 01/30/2013 7383	14769	[96620] CORRAL CANYON, DELAWARE,SDUTH	Eddy N	NM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Tubing 1 Surface Casing Intermediate 1 Casing Production Casing	11.000 7.875 7.875 17.500 12.250 8.750 6.125 6.125 17.500 11.000 7.875	8.625 5.500 2.875 13.375 9.625 7.000 4.500 2.875 13.375 8.625 5.500	3700 13090 0 1164 3600 7481 14749 0 1320 4015	1700 1900 0 700 1450 510 0 0	0 0 0 0 0 0 0 0 0	Circ Circ Circ
Policy   P	30-015-40710 XTO PERMIAN OPERATING LLC. 30-015-40756 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H  POKER LAKE CVX JV PB #004H	Oil	Active	N-25-255-30E 11/29/2012 9294	14769 14160	[96620] CORRAL CANYON, DELAWARE,SOUTH  [97814] WILDCAT G-015 S2630010, BONE SPRING	Eddy N	NM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Torbing 1 Tubing 1 Tubing 1 Tubing 1 Tubing 1	11.000 7.875 7.875 17.500 12.250 8.750 6.125 6.125 17.500 11.000 7.875 7.875	8.625 5.500 2.875 13.375 9.625 7.000 4.500 2.875 13.375 8.625 5.500 2.875	3700 13090 0 1164 3600 7481 14749 0 1320 4015 14160	1700 1900 0 700 1450 510 0 0	0 0 0 0 0 0 0 0 0 0	Circ Circ Circ
December   December	30-015-40710 XTO PERMIAN OPERATING LLC. 30-015-40756 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H  POKER LAKE CVX JV PB #004H	Oil	Active	N-25-255-30E 11/29/2012 9294	14769 14160	[96620] CORRAL CANYON, DELAWARE,SOUTH  [97814] WILDCAT G-015 S2630010, BONE SPRING	Eddy N	NM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Surface Casing Inter 1 Surface Casing Internediate 1 Casing Production Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing	11.000 7.875 7.875 17.500 12.250 8.750 6.125 6.125 17.500 11.000 7.875 7.875	8.625 5.500 2.875 13.375 9.625 7.000 4.500 2.875 13.375 8.625 5.500 2.875 13.375	3700 13090 0 1164 3600 7481 14749 0 1320 4015 14160 0	1700 1900 0 700 1450 510 0 0	0 0 0 0 0 0 0 0 0 0	Circ Circ Circ
Marker   M	30-015-40710 XTO PERMIAN OPERATING LLC. 30-015-40756 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H  POKER LAKE CVX JV PB #004H	Oil	Active	N-25-255-30E 11/29/2012 9294	14769 14160	[96620] CORRAL CANYON, DELAWARE,SOUTH  [97814] WILDCAT G-015 S2630010, BONE SPRING	Eddy N	NM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Surface Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 1 Casing Tubing 1 Surface Casing Intermediate 1 Casing	11.000 7.875 7.875 17.500 12.250 8.750 6.125 17.500 11.000 7.875 7.875 17.500 11.000	8.625 5.500 2.875 13.375 9.625 7.000 4.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625	3700 13090 0 1164 3600 7481 14749 0 1320 4015 14160 0	1700 1900 0 700 1450 510 0 0	0 0 0 0 0 0 0 0 0 0 0 0	Circ Circ Circ
Intermediate Listing   1,000   6,255   358   0   0   0   0   0   0   0   0   0	30-015-40710 XTO PERMIAN OPERATING LLC. 30-015-40756 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H  POKER LAKE CVX JV PB #004H	Oil	Active	N-25-255-30E 11/29/2012 9294	14769 14160	[96620] CORRAL CANYON, DELAWARE,SOUTH  [97814] WILDCAT G-015 S2630010, BONE SPRING	Eddy N	NM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Lintermediate 1 Casing Production Casing Lintermediate 1 Casing Production Casing Lintermediate 1 Casing Production Casing Intermediate 1 Casing Production Casing	11.000 7.875 7.875 17.500 12.250 8.750 6.125 17.500 11.000 7.875 17.500 11.000 7.875	8.625 5.500 2.875 13.375 9.625 7.000 4.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500	3700 13090 0 1164 3600 7481 14749 0 1320 4015 14160 0	1700 1900 0 700 1450 510 0 0	0 0 0 0 0 0 0 0 0 0 0 0	Circ Circ Circ
	30-015-40710 XTO PERMIAN OPERATING LLC.  30-015-40756 XTO PERMIAN OPERATING LLC.  30-015-40763 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H  POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H	Oil	Active  Active	N-25-25S-30E 01/30/2013 7383 N-25-25S-30E 11/29/2012 9294 C-22-25S-30E 12/01/2012 9086	14769 14160 13482	[96620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 S2630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING	Eddy N	NM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing	11.000 7.875 7.875 17.500 12.250 8.750 6.125 6.125 17.500 11.000 7.875 7.875 17.500 11.000 7.875 7.875	8.625 5.500 2.875 13.375 9.625 7.000 4.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875	3700 13090 0 1164 3600 7481 14749 0 1320 4015 14160 0 1313 3970 13482	1700 1900 0 700 1450 510 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Circ Circ Circ
Active   P-27-255-30E   Q-105-21136S   Active   P-27-255-30E   Q-105-21136S   Q	30-015-40710 XTO PERMIAN OPERATING LLC.  30-015-40756 XTO PERMIAN OPERATING LLC.  30-015-40763 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H  POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H	Oil	Active  Active	N-25-25S-30E 01/30/2013 7383 N-25-25S-30E 11/29/2012 9294 C-22-25S-30E 12/01/2012 9086	14769 14160 13482	[96620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 S2630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING	Eddy N	NM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Tubing 1 Surface Casing	11.000 7.875 7.875 17.500 12.250 8.750 6.125 6.125 17.500 11.000 7.875 7.875 11.000 7.875 7.875 11.000	8.625 5.500 2.875 13.375 9.625 7.000 4.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375	3700 13090 0 1164 3600 7481 14749 0 1320 4015 14160 0 1313 3970 13482 0	1700 1900 0 0 1450 510 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Circ Circ Circ
	30-015-40710 XTO PERMIAN OPERATING LLC.  30-015-40756 XTO PERMIAN OPERATING LLC.  30-015-40763 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H  POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H	Oil	Active  Active	N-25-25S-30E 01/30/2013 7383 N-25-25S-30E 11/29/2012 9294 C-22-25S-30E 12/01/2012 9086	14769 14160 13482	[96620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 S2630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING	Eddy N	NNM :	Intermediate 1 Casing Production Casing Turbing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Turbing 1 Surface Casing Intermediate 1 Casing Production Casing Intermediate 1 Casing Production Casing Turbing 1 Surface Casing Intermediate 1 Casing Production Casing Turbing 1 Surface Casing Intermediate 1 Casing	11.000 7.875 7.875 17.500 12.250 8.750 6.125 6.125 17.500 11.000 7.875 7.875 17.500 11.000 7.875 17.500 11.000	8.625 5.500 2.875 13.375 9.625 7.000 4.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500	3700 13090 0 1164 3600 7481 14749 0 1320 4015 14160 0 1313 3970 13482 0	1700 1900 0 0 1450 510 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Circ Circ Circ
Production Casing 6,125 4,00 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	30-015-40710 XTO PERMIAN OPERATING LLC.  30-015-40766 XTO PERMIAN OPERATING LLC.  30-015-40763 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H  POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H  POKER LAKE CVX JV RR #008H	Oil	Active  Active  Active	N-25-255-30E 01/30/2013 7383 N-25-255-30E 11/29/2012 9294 C-22-255-30E 12/01/2012 9086 M-28-255-30E 12/29/2012 8937	14769 14160 13482	[96620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 S2630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING  [13354] CORRAL CANYON, BONE SPRING, SOUTH	Eddy N Eddy N Eddy N	MNNM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing	11.000 7.875 7.875 17.500 12.250 8.750 6.125 6.125 6.125 17.500 11.000 7.875 7.875 17.500 11.000 7.875 7.875 17.500 11.000 7.875 7.875	8.625 5.500 2.875 13.375 9.625 7.000 4.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875	3700 13090 0 1164 3600 7481 14749 0 1320 4015 14160 0 1313 3970 13482 0 1120 3582 13792	1700 1900 0 7700 1450 510 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Circ Circ Circ Circ Circ
Cols-41037 BOPCO, LP.   POKER LAKE UNIT #380H   Oil   Cancelled   L-10-255-30E   O   0   96209] CORRAL CANYON, DELAWARE, NORTHEAST   Eddy   NM   Surface Casing   1,7500   13,375   0   0   0   0   0   0   0   0   0	30-015-40710 XTO PERMIAN OPERATING LLC.  30-015-40766 XTO PERMIAN OPERATING LLC.  30-015-40763 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H  POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H  POKER LAKE CVX JV RR #008H	Oil	Active  Active  Active	N-25-255-30E 01/30/2013 7383 N-25-255-30E 11/29/2012 9294 C-22-255-30E 12/01/2012 9086 M-28-255-30E 12/29/2012 8937	14769 14160 13482	[96620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 S2630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING  [13354] CORRAL CANYON, BONE SPRING, SOUTH	Eddy N Eddy N Eddy N	MNNM :	Intermediate 1 Casing Production Casing Tubling 1 Sourface Casing Intermediate 1 Casing Production Casing Liner 1 Tubling 1 Surface Casing Intermediate 1 Casing Production Casing Liner Production Casing Tubling 1 Surface Casing Intermediate 1 Casing Production Casing Tubling 1 Surface Casing Intermediate 1 Casing Production Casing Tubling 1 Surface Casing Intermediate 1 Casing Production Casing Surface Casing Intermediate 1 Casing Production Casing Surface Casing Intermediate 1 Casing Surface Casing	11.000 7.875 7.875 17.500 12.250 8.750 6.125 17.500 11.000 7.875 7.875 17.500 11.000 7.875 7.875 17.500 11.000 7.875 7.875 17.500 11.000	8.625 5.500 2.875 9.625 7.000 4.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875	3700 13090 0 1164 3600 7481 14749 0 1320 4015 14160 0 1313 3970 13482 0 1120 3582 13792	1700 1900 0 700 1450 510 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Girc Circ Circ Girc Circ
Cols-41037 BOPCO, LP.   POKER LAKE UNIT #380H   Oil   Cancelled   L-10-255-30E   O   0   96209] CORRAL CANYON, DELAWARE, NORTHEAST   Eddy   NM   Surface Casing   1,7500   13,375   0   0   0   0   0   0   0   0   0	30-015-40710 XTO PERMIAN OPERATING LLC.  30-015-40766 XTO PERMIAN OPERATING LLC.  30-015-40763 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H  POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H  POKER LAKE CVX JV RR #008H	Oil	Active  Active  Active	N-25-255-30E 01/30/2013 7383 N-25-255-30E 11/29/2012 9294 C-22-255-30E 12/01/2012 9086 M-28-255-30E 12/29/2012 8937	14769 14160 13482	[96620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 S2630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING  [13354] CORRAL CANYON, BONE SPRING, SOUTH	Eddy N Eddy N Eddy N	MNNM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner action Casing Liner Casing Line	11.000 7.875 7.875 7.875 7.875 17.500 12.250 8.750 6.125 6.125 17.500 11.000 7.875 7.875 7.875 17.500 11.000 7.875 7.875 17.500 11.000 7.875 7.875 17.500 11.000 7.875 7.875 17.500 11.000 7.875 7.875 17.500 12.250 8.750	8.625 5.500 2.875 9.625 7.000 4.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 13.375 8.625 5.500	3700 13090 0 1164 3600 7481 14749 0 1320 4015 14160 0 1313 3970 13482 0 1120 3582 13792 1000 3890 7835	1700 1900 0 7700 1450 510 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Circ Circ Circ Circ Circ Circ Circ
O.15-41056 XTO PERMIAN OPERATING LLC   O.16   Active   I.8-25S-30E   08/31/2013 7460   15868   13860   CORRAL CANYON, DELAWARE   Eddy   NM   Surface Casing   1.250   13.275   78 0   0   0   1   1   1   1   1   1   1	30-015-40710 XTO PERMIAN OPERATING LLC.  30-015-40766 XTO PERMIAN OPERATING LLC.  30-015-40763 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H  POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H  POKER LAKE CVX JV RR #008H	Oil	Active  Active  Active	N-25-255-30E 01/30/2013 7383 N-25-255-30E 11/29/2012 9294 C-22-255-30E 12/01/2012 9086 M-28-255-30E 12/29/2012 8937	14769 14160 13482	[96620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 S2630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING  [13354] CORRAL CANYON, BONE SPRING, SOUTH	Eddy N Eddy N Eddy N	MNNM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Surface Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 2 Casing Intermediate 3	11.000 7.875 7.875 7.875 17.500 12.250 8.750 6.125 6.125 17.500 11.000 7.875 7.875 17.500 11.000 7.875 17.500 11.000 7.875 17.500 11.000 11.000 7.875 17.500 11.000	8.625 5.500 2.875 13.375 9.625 7.000 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 13.375 8.625 7.000 13.375 8.625 7.000	3700 13090 0 1164 3600 7481 14749 0 1320 4015 14160 0 1313 3970 13482 0 1120 3582 13792 1000 3890 7835	1700 1900 0 700 1450 510 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Circ Circ Circ Circ Circ Circ Circ
Intermediate 2 Casing   1,250   9,625   3615   0   0	30-015-40710 XTO PERMIAN OPERATING LLC.  30-015-40766 XTO PERMIAN OPERATING LLC.  30-015-40763 XTO PERMIAN OPERATING LLC.  30-015-40765 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H  POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H  POKER LAKE CVX JV RR #008H  POKER LAKE UNIT #421H	Oil Oil	Active  Active  Active  Active	N-25-30E 01/30/2013 7383  N-25-255-30E 11/29/2012 9294  C-22-255-30E 12/01/2012 9086  M-28-255-30E 12/29/2012 8937  P-27-255-30E 02/05/2014 7772	14769 14160 13482 13792	[96620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 S2630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING  [13354] CORRAL CANYON, BONE SPRING, SOUTH  [96620] CORRAL CANYON, DELAWARE, SOUTH; [97814] WILDCAT G-015 S2630010, BONE SPRING	Eddy N Eddy N Eddy N	MNM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Surface Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 2 Casing Intermediate 3	11.000 7.875 7.875 7.875 17.500 12.250 8.750 6.125 6.125 17.500 11.000 7.875 7.875 17.500 11.000 7.875 17.500 11.000 7.875 17.500 11.000 11.000 7.875 17.500 11.000	8.625 5.500 2.875 13.375 9.625 7.000 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 13.375 8.625 7.000 13.375 8.625 7.000	3700 13090 0 1164 3600 7481 14749 0 1320 4015 14160 0 1313 3970 13482 0 1120 3582 13792 1000 3890 7835	1700 1900 0 700 1450 510 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Circ Circ Circ Circ Circ Circ Circ
Intermediate 2 Casing   1,500   0   0   0   0   0   0   0   0   0	30-015-40710 XTO PERMIAN OPERATING LLC.  30-015-40756 XTO PERMIAN OPERATING LLC.  30-015-40763 XTO PERMIAN OPERATING LLC.  30-015-40765 XTO PERMIAN OPERATING LLC.  30-015-41033 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H  POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H  POKER LAKE CVX JV RR #008H  POKER LAKE UNIT #421H	Oil Oil	Active  Active  Active  Active  Cancelled	N-25-25S-30E 01/30/2013 7383  N-25-25S-30E 11/29/2012 9294  C-22-25S-30E 12/01/2012 9086  M-28-25S-30E 12/29/2012 8937  P-27-25S-30E 02/05/2014 7772	14769 14160 13482 13792 14184	[96620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 S2630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING  [13354] CORRAL CANYON, BONE SPRING, SOUTH  [96620] CORRAL CANYON, DELAWARE, SOUTH; [97814] WILDCAT G-015 S2630010, BONE SPRING	Eddy N Eddy N Eddy N Eddy N	MANA : MA	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Surface Casing Intermediate 1 Casing Production Casing Surface Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 2 Casing Inte	11.000 7.875 7.875 7.875 7.875 17.500 12.250 8.750 6.125 17.500 11.000 7.875 17.500 11.000 7.875 17.500 11.000 7.875 17.500 12.250 8.750 6.125 6.125	8.625 5.500 2.875 9.625 7.000 4.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 9.625 7.700 4.500 4.	3700 13090 0 1164 3600 7481 14749 0 1320 4015 14160 0 1313 3970 13482 0 1120 3582 13792 1000 3880 7835 14165 0	1700 1900 0 700 1450 510 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Circ Circ Circ Circ Circ Circ Circ
	30-015-40710 XTO PERMIAN OPERATING LLC.  30-015-40756 XTO PERMIAN OPERATING LLC.  30-015-40763 XTO PERMIAN OPERATING LLC.  30-015-40765 XTO PERMIAN OPERATING LLC.  30-015-41033 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H  POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H  POKER LAKE CVX JV RR #008H  POKER LAKE UNIT #421H	Oil Oil	Active  Active  Active  Active  Cancelled	N-25-25S-30E 01/30/2013 7383  N-25-25S-30E 11/29/2012 9294  C-22-25S-30E 12/01/2012 9086  M-28-25S-30E 12/29/2012 8937  P-27-25S-30E 02/05/2014 7772	14769 14160 13482 13792 14184	[96620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 S2630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING  [13354] CORRAL CANYON, BONE SPRING, SOUTH  [96620] CORRAL CANYON, DELAWARE, SOUTH; [97814] WILDCAT G-015 S2630010, BONE SPRING	Eddy N Eddy N Eddy N Eddy N	MNNM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Intermediate 2 Casing Intermediate 2 Casing Intermediate 2 Casing Intermediate 2 Casing Production Casing Intermediate 2 Casing Intermediate 2 Casing Production Casing Tubing 1 Surface Casing Intermediate 2 Casing Intermediate 2 Casing Intermediate 2 Casing Intermediate 2 Casing Intermediate 3 Casing Intermediate 3 Casing Intermediate 3 Casing Intermediate 5 Casing Intermediate 6 Casing Intermediate 7 C	11.000 7.875 7.875 17.500 12.250 8.750 6.125 6.125 17.500 11.000 7.875 7.875 17.500 11.000 7.875 17.500 11.000 7.875 17.500 11.000	8.625 5.500 13.375 9.625 7.000 4.500 2.875 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875	3700 13090 0 1164 3600 7481 14749 0 1320 4015 14160 0 1313 3970 13482 0 1120 3582 13792 1000 3880 7835 14165 0	1700 1900 0 700 1450 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Circ Circ Circ Circ Circ Circ Circ
	30-015-40710 XTO PERMIAN OPERATING LLC.  30-015-40756 XTO PERMIAN OPERATING LLC.  30-015-40763 XTO PERMIAN OPERATING LLC.  30-015-40765 XTO PERMIAN OPERATING LLC.  30-015-41033 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H  POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H  POKER LAKE CVX JV RR #008H  POKER LAKE UNIT #421H	Oil Oil	Active  Active  Active  Active  Cancelled	N-25-25S-30E 01/30/2013 7383  N-25-25S-30E 11/29/2012 9294  C-22-25S-30E 12/01/2012 9086  M-28-25S-30E 12/29/2012 8937  P-27-25S-30E 02/05/2014 7772	14769 14160 13482 13792 14184	[96620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 S2630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING  [13354] CORRAL CANYON, BONE SPRING, SOUTH  [96620] CORRAL CANYON, DELAWARE, SOUTH; [97814] WILDCAT G-015 S2630010, BONE SPRING	Eddy N Eddy N Eddy N Eddy N	MNNM : MNNM :	Intermediate 1 Casing Production Casing Turbing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 2 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Surface Casing Intermediate 1 Casing Production Casing Surface Casing Intermediate 1 Casing Intermediate 2 Casing Intermediate 1 Casing Intermediate 2 Casing Intermediate 1 Casing	11.000 7.875 7.875 17.500 12.250 8.750 6.125 6.125 6.125 17.500 11.000 7.875 7.875 17.500 11.000 7.875 7.875 7.875 7.875 7.875 7.875 6.125 6.125 6.125 6.125	8.625 5.500 2.875 9.625 7.000 4.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 7.000 4.5	3700 13090 0 1164 3600 7481 14749 0 1320 4015 14160 0 1313 3970 13482 0 1120 3582 13792 1000 3890 7835 14165 0 978	1700 1900 0 700 1450 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Circ Circ Circ Circ Circ Circ Circ
O-15-41185 XTO PERMIAN OPERATING LIC.   O-16-25-31E   O-	30-015-40710 XTO PERMIAN OPERATING LLC.  30-015-40756 XTO PERMIAN OPERATING LLC.  30-015-40763 XTO PERMIAN OPERATING LLC.  30-015-40765 XTO PERMIAN OPERATING LLC.  30-015-41033 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H  POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H  POKER LAKE CVX JV RR #008H  POKER LAKE UNIT #421H	Oil Oil	Active  Active  Active  Active  Cancelled	N-25-25S-30E 01/30/2013 7383  N-25-25S-30E 11/29/2012 9294  C-22-25S-30E 12/01/2012 9086  M-28-25S-30E 12/29/2012 8937  P-27-25S-30E 02/05/2014 7772	14769 14160 13482 13792 14184	[96620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 S2630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING  [13354] CORRAL CANYON, BONE SPRING, SOUTH  [96620] CORRAL CANYON, DELAWARE, SOUTH; [97814] WILDCAT G-015 S2630010, BONE SPRING	Eddy N Eddy N Eddy N Eddy N	MNM : MANN : MAN	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Tubing 1 Surface Casing Intermediate 1 Casing Tubing 1 Surface Casing Intermediate 2 Casing Intermediate 2 Casing Intermediate 2 Casing Intermediate 2 Casing Surface Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 2 Casing Interme	11.000 7.875 17.500 12.250 6.125 6.125 6.125 6.125 17.500 11.000 7.875 17.500 11.000 7.875 7.875 7.875 7.875 7.875 17.500 6.125	8.625 5.500 13.375 9.625 7.000 4.500 4.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 7.000 4.500 2.875	3700 13090 0 1164 3600 7481 14749 0 1320 4015 14160 0 1313 3970 13482 0 1120 3582 13792 1000 3890 7835 14165 0 978	1700 1900 0 700 1450 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Circ Circ Circ Circ Circ Circ Circ
Intermediate 1 Casing   12.50   0.625   41.30   0   0	30-015-40710 XTO PERMIAN OPERATING LLC.  30-015-40756 XTO PERMIAN OPERATING LLC.  30-015-40763 XTO PERMIAN OPERATING LLC.  30-015-40765 XTO PERMIAN OPERATING LLC.  30-015-41033 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H  POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H  POKER LAKE CVX JV RR #008H  POKER LAKE UNIT #421H	Oil Oil	Active  Active  Active  Active  Cancelled	N-25-25S-30E 01/30/2013 7383  N-25-25S-30E 11/29/2012 9294  C-22-25S-30E 12/01/2012 9086  M-28-25S-30E 12/29/2012 8937  P-27-25S-30E 02/05/2014 7772	14769 14160 13482 13792 14184	[96620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 S2630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING  [13354] CORRAL CANYON, BONE SPRING, SOUTH  [96620] CORRAL CANYON, DELAWARE, SOUTH; [97814] WILDCAT G-015 S2630010, BONE SPRING	Eddy N Eddy N Eddy N Eddy N	MNNM :	Intermediate 1 Casing Production Casing Turbing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Turbing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Surface Casing Intermediate 1 Casing Production Casing Turbing 1 Surface Casing Intermediate 1 Casing Production Casing Intermediate 1 Casing Production Casing Surface Casing Intermediate 1 Casing Production Casing Surface Casing Intermediate 1 Casing Intermediate 2 Casing Intermediate 3 Casing Intermediate 4 Casing Intermediate 4 Casing Intermediate 5 Casing In	11.000 7.875 17.500 12.250 12.250 6.125 17.500 11.000 7.875 7.875 7.875 7.875 7.875 17.500 11.000 7.875 7.875 6.125 6.125 6.125 6.125 6.125 6.125 6.125	8.625 5.500 2.875 13.375 9.625 7.000 4.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 9.625 7.000 4.500 2.875	3700 13090 0 1164 3600 7481 14749 0 1320 4015 14160 0 1313 3970 13482 0 1120 3582 13792 1000 3890 7835 14165 0 978	1700 1900 0 700 1450 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Circ Circ Circ Circ Circ Circ Circ
Intermediate 2 Casing   8.750   7.000   818   0   0   0   0   0   0   0   0   0	30-015-40710 XTO PERMIAN OPERATING LLC.  30-015-40766 XTO PERMIAN OPERATING LLC.  30-015-40765 XTO PERMIAN OPERATING LLC.  30-015-41033 XTO PERMIAN OPERATING LLC.  30-015-41037 BOPCO, L.P.  30-015-41036 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H  POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H  POKER LAKE CVX JV RR #008H  POKER LAKE UNIT #421H  POKER LAKE UNIT #422H	Oil Oil Oil Oil Oil	Active  Active  Active  Active  Cancelled  Active	N-25-255-30E 01/30/2013 7383  N-25-255-30E 11/29/2012 9294  C-22-255-30E 12/01/2012 9086  M-28-255-30E 12/29/2012 8937  P-27-255-30E 02/05/2014 7772  L-10-255-30E 08/31/2013 7460	14769  14160  13482  13792  14184  0  15868	[96620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 \$2630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING  [13354] CORRAL CANYON, BONE SPRING, SOUTH  [96620] CORRAL CANYON, DELAWARE, SOUTH; [97814] WILDCAT G-015 \$2630010, BONE SPRING  [96209] CORRAL CANYON, DELAWARE, NORTHEAST  [13360] CORRAL CANYON, DELAWARE	Eddy N Eddy N Eddy N Eddy N Eddy N	MNNM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Intermediate 1 Casing Intermediate 2 Casing Intermediate 2 Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Intermediate 2 Casing Intermediate 2 Casing Intermediate 2 Casing Intermediate 2 Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 2 Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 2 Casing Union 1 Tubing 1	11.000 7.875 17.500 12.250 8.250 17.500 11.000 11.000 11.000 11.000 11.000 11.000 11.000 11.000 11.000 11.000 12.250	8.625 5.500 2.875 13.375 9.625 7.000 4.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 9.625 7.000 4.500 2.875	3700 13090 0 1164 3600 7481 14749 0 1320 4015 14160 0 1313 3970 13482 0 1120 3582 13792 1000 3880 7835 0 978 3615 7600 0	1700 1900 0 700 1450 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Circ Circ Circ Circ Circ Circ Circ
Une 1   6.12   4.50   0   0   0   0   0   0   0   0   0	30-015-40710 XTO PERMIAN OPERATING LLC.  30-015-40766 XTO PERMIAN OPERATING LLC.  30-015-40765 XTO PERMIAN OPERATING LLC.  30-015-41033 XTO PERMIAN OPERATING LLC.  30-015-41037 BOPCO, L.P.  30-015-41036 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H  POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H  POKER LAKE CVX JV RR #008H  POKER LAKE UNIT #421H  POKER LAKE UNIT #422H	Oil Oil Oil Oil Oil	Active  Active  Active  Active  Cancelled  Active	N-25-255-30E 01/30/2013 7383  N-25-255-30E 11/29/2012 9294  C-22-255-30E 12/01/2012 9086  M-28-255-30E 12/29/2012 8937  P-27-255-30E 02/05/2014 7772  L-10-255-30E 08/31/2013 7460	14769  14160  13482  13792  14184  0  15868	[96620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 \$2630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING  [13354] CORRAL CANYON, BONE SPRING, SOUTH  [96620] CORRAL CANYON, DELAWARE, SOUTH; [97814] WILDCAT G-015 \$2630010, BONE SPRING  [96209] CORRAL CANYON, DELAWARE, NORTHEAST  [13360] CORRAL CANYON, DELAWARE	Eddy N Eddy N Eddy N Eddy N Eddy N	MNNM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 2 Casing Production Casing Surface Casing Intermediate 2 Casing Production Casing Surface Casing Intermediate 2 Casing Intermediate 3 Casing Intermediate 4 Casing Intermediate 5 Casing Intermediate 5 Casing Intermediate 6 Casing Intermediate 6 Casing Intermediate 7 Cas	11.000 7.875 7.875 7.875 7.875 7.875 7.875 8.750 6.125 7.7500 6.125 17.500 11.000 7.875 7.875 7.875 7.875 7.875 17.500 11.000 12.250 8.750 6.125 6.125 17.500 6.125 6.125	8.625 5.500 2.875 13.375 9.625 7.000 4.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 7.000 4.500 4	3700 13090 1164 3600 1164 3600 7481 14749 0 1320 4015 14160 0 1120 3582 13792 1000 3890 7835 14165 0 978 3615 7600 0 0	1700 1900 0 700 1450 510 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Circ Circ Circ Circ Circ Circ Circ
0-015-41196   DOPCO, LP.   POKER LAKE UNIT #378H   Oil   Cancelled   C-10-255-30E   O   (96209)   CORRAL CANYON, DELAWARE, NORTHEAST   Eddy   NM	30-015-40710 XTO PERMIAN OPERATING LLC.  30-015-40766 XTO PERMIAN OPERATING LLC.  30-015-40765 XTO PERMIAN OPERATING LLC.  30-015-41033 XTO PERMIAN OPERATING LLC.  30-015-41037 BOPCO, L.P.  30-015-41036 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H  POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H  POKER LAKE CVX JV RR #008H  POKER LAKE UNIT #421H  POKER LAKE UNIT #422H	Oil Oil Oil Oil Oil	Active  Active  Active  Active  Cancelled  Active	N-25-255-30E 01/30/2013 7383  N-25-255-30E 11/29/2012 9294  C-22-255-30E 12/01/2012 9086  M-28-255-30E 12/29/2012 8937  P-27-255-30E 02/05/2014 7772  L-10-255-30E 08/31/2013 7460	14769  14160  13482  13792  14184  0  15868	[96620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 \$2630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING  [13354] CORRAL CANYON, BONE SPRING, SOUTH  [96620] CORRAL CANYON, DELAWARE, SOUTH; [97814] WILDCAT G-015 \$2630010, BONE SPRING  [96209] CORRAL CANYON, DELAWARE, NORTHEAST  [13360] CORRAL CANYON, DELAWARE	Eddy N Eddy N Eddy N Eddy N Eddy N	MNNM : MNNM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Intermediate 1 Casing Production Casing Liner 1 Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Surface Casing Intermediate 1 Casing Intermediate 2 Casing Intermediate 2 Casing Intermediate 2 Casing Intermediate 2 Casing Intermediate 1 Casing Intermediate 2 Casing Intermediate 3 Intermediate 3 Casing Intermediate 3 Intermediate 3 Intermediate 1 Casing Intermediate 1	11.000 7.875 17.500 8.750 6.125 17.500 11.000 7.875 17.500 11.000 7.875 7.875 17.500 11.000 7.875 17.500 11.000 7.875 17.500 11.000 11.000 7.875 17.500 11.0000 11.0000 11.0000 11.0000 11.0000 11.0000 11.0000 11.0000 11.0000 11	8.625 5.500 2.875 13.375 9.625 7.000 4.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 13.375 9.625 7.000 4.500 2.875 13.375 9.625 7.000 4.500 2.875	3700 13090 0 1164 3600 7481 14749 0 1320 4015 14160 0 1313 3970 13482 0 1120 3582 13792 1000 3880 7835 14165 0 978 3615 7600 0 0 0 4130	1700 1700 0 0 700 0 0 0 0 0 0 0 0 0 0 0		Circ Circ Circ Circ Circ Circ Circ
0-015-41558 XTO PERMIAN OPERATING LLC   POKER LAKE UNIT CVX /V BS #021H   Oil Active   M-13-255-30E   08/08/2013   9285   14150   [97913] WILDCAT G-06 \$2530020, BONE SPRING   Eddy   NM   Intermediate 1 Casing   1.000   6.625   4020   0   0	30-015-40710 XTO PERMIAN OPERATING LLC.  30-015-40766 XTO PERMIAN OPERATING LLC.  30-015-40765 XTO PERMIAN OPERATING LLC.  30-015-41033 XTO PERMIAN OPERATING LLC.  30-015-41037 BOPCO, L.P.  30-015-41036 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H  POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H  POKER LAKE CVX JV RR #008H  POKER LAKE UNIT #421H  POKER LAKE UNIT #422H	Oil Oil Oil Oil Oil	Active  Active  Active  Active  Cancelled  Active	N-25-255-30E 01/30/2013 7383  N-25-255-30E 11/29/2012 9294  C-22-255-30E 12/01/2012 9086  M-28-255-30E 12/29/2012 8937  P-27-255-30E 02/05/2014 7772  L-10-255-30E 08/31/2013 7460	14769  14160  13482  13792  14184  0  15868	[96620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 \$2630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING  [13354] CORRAL CANYON, BONE SPRING, SOUTH  [96620] CORRAL CANYON, DELAWARE, SOUTH; [97814] WILDCAT G-015 \$2630010, BONE SPRING  [96209] CORRAL CANYON, DELAWARE, NORTHEAST  [13360] CORRAL CANYON, DELAWARE	Eddy N Eddy N Eddy N Eddy N Eddy N	MANA :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Surface Casing Intermediate 2 Casing Intermediate 2 Casing Intermediate 2 Casing Intermediate 2 Casing Intermediate 1 Casing Intermediate 2 Casing	11.000 7.875	8.625 2.875 13.375 8.625 7.000 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 13.375 8.625 5.500 13.375 8.625 5.500 13.375 8.625 5.500 13.375 8.625 5.500 13.375 8.625 5.500 13.375 8.625 7.000 4.50	3700 13090 0 1164 3600 7481 14749 0 1320 4015 14160 0 1313 3970 13482 0 1120 3582 13792 1000 3880 7835 14165 0 978 3615 7600 0 0 0 4130	1700 1700 0 0 700 0 0 0 0 0 0 0 0 0 0 0		Circ Circ Circ Circ Circ Circ Circ
Production Casing 7.875 5.500 14150 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30-015-40710 XTO PERMIAN OPERATING LLC.  30-015-40765 XTO PERMIAN OPERATING LLC.  30-015-40765 XTO PERMIAN OPERATING LLC.  30-015-41033 XTO PERMIAN OPERATING LLC.  30-015-41037 BOPCO, L.P.  30-015-41037 KTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H  POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H  POKER LAKE CVX JV RR #008H  POKER LAKE UNIT #421H  POKER LAKE UNIT #422H  POKER LAKE UNIT #422H	Oil Oil Oil Oil Oil Oil	Active  Active  Active  Active  Cancelled Active  Active	N-25-255-30E 01/30/2013 7383  N-25-255-30E 11/29/2012 9294  C-22-255-30E 12/01/2012 9086  M-28-255-30E 12/29/2012 8937  P-27-255-30E 02/05/2014 7772  L-10-255-30E 08/31/2013 7460  D-18-255-31E 10/04/2013 7720	14769  14160  13482  13792  14184  0  15868	[96620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 \$2630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING  [13354] CORRAL CANYON, BONE SPRING, SOUTH  [96620] CORRAL CANYON, DELAWARE, SOUTH; [97814] WILDCAT G-015 \$2630010, BONE SPRING  [96209] CORRAL CANYON, DELAWARE, NORTHEAST  [13360] CORRAL CANYON, DELAWARE, NORTHEAST  [13360] CORRAL CANYON, DELAWARE, SOUTH	Eddy N Eddy N Eddy N Eddy N Eddy N Eddy N	MNM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Surface Casing Intermediate 2 Casing Intermediate 2 Casing Intermediate 2 Casing Intermediate 2 Casing Intermediate 1 Casing Intermediate 2 Casing	11.000 7.875	8.625 2.875 13.375 8.625 7.000 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 13.375 8.625 5.500 13.375 8.625 5.500 13.375 8.625 5.500 13.375 8.625 5.500 13.375 8.625 5.500 13.375 8.625 7.000 4.50	3700 13090 0 1164 3600 7481 14749 0 1320 4015 14160 0 1313 3970 13482 0 1120 3582 13792 1000 3880 7835 14165 0 978 3615 7600 0 0 0 4130	1700 1700 0 0 700 0 0 0 0 0 0 0 0 0 0 0		Circ Circ Circ Circ Circ Circ Circ
Tubing 1 7.875 2.875 0 0 0 C C C C C C C C C C C C C C C C	30-015-40710 XTO PERMIAN OPERATING LLC.  30-015-40763 XTO PERMIAN OPERATING LLC.  30-015-40763 XTO PERMIAN OPERATING LLC.  30-015-40765 XTO PERMIAN OPERATING LLC.  30-015-41033 XTO PERMIAN OPERATING LLC.  30-015-41037 BOPCO, L.P.  30-015-41185 XTO PERMIAN OPERATING LLC.  30-015-41185 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H  POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H  POKER LAKE CVX JV RR #008H  POKER LAKE UNIT #421H  POKER LAKE UNIT #422H  POKER LAKE UNIT #380H  POKER LAKE UNIT #387H	Oil Oil Oil Oil Oil Oil	Active  Active  Active  Active  Cancelled  Active  Cancelled	N-25-30E 01/30/2013 7383  N-25-25S-30E 11/29/2012 9294  C-22-25S-30E 12/01/2012 9086  M-28-25S-30E 12/29/2012 8937  P-27-25S-30E 02/05/2014 7772  L-10-25S-30E 0  D-18-25S-30E 08/31/2013 7460  D-18-25S-31E 10/04/2013 7720  C-10-25S-30E 0	14769  14160  13482  13792  14184  0  15868	[96620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 52630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING  [13354] CORRAL CANYON, BONE SPRING, SOUTH  [96620] CORRAL CANYON, DELAWARE, SOUTH; [97814] WILDCAT G-015 52630010, BONE SPRING  [96209] CORRAL CANYON, DELAWARE, NORTHEAST  [13360] CORRAL CANYON, DELAWARE  [50386] POKER LAKE, DELAWARE, SOUTH	Eddy N	MANA COMMANDER OF THE MANAGEMENT OF THE MANAGEME	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Surface Casing Intermediate 1 Casing Production Casing Intermediate 2 Casing Intermediate 2 Casing Intermediate 2 Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 2 Casing Intermediate 1 Casing Intermediate 2 Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 2 Casing	11.000 17.875 17.590 18.750 18.750 18.750 19	8,625 5,500 2,875 13,375 7,000 2,875 13,375 8,625 5,500 5,500 5,500 5,500 2,875 13,375 8,625 5,500 2,875 13,375 9,625 9,	3700 13090 0 1164 3600 7481 14749 0 1320 4015 14160 0 11313 3970 13482 13792 1000 38890 7835 14165 0 978 3615 7600 0 0 4130 8188 0	1700 1700 0 0 700 0 0 0 0 0 0 0 0 0 0 0		Circ Circ Circ Circ Circ Circ Circ
0-015-41598 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT CVX./V BS #024H Oil Active M-01-255-30E 12/25/2013 9344 14545 [97913] WILDCAT G-06 \$2530020, BONE SPRING Eddy NM Surface Casing 17.500 13.375 972 1085 0 Circ Intermediate 1 Casing 11.000 8.625 4028 1990 0 Circ Production Casing 7.875 5.500 14540 2200 2342 Tubing 1 7.875 5.500 0 0 0	30-015-40710 XTO PERMIAN OPERATING LLC.  30-015-40763 XTO PERMIAN OPERATING LLC.  30-015-40763 XTO PERMIAN OPERATING LLC.  30-015-40765 XTO PERMIAN OPERATING LLC.  30-015-41033 XTO PERMIAN OPERATING LLC.  30-015-41037 BOPCO, L.P.  30-015-41185 XTO PERMIAN OPERATING LLC.  30-015-41185 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H  POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H  POKER LAKE CVX JV RR #008H  POKER LAKE UNIT #421H  POKER LAKE UNIT #422H  POKER LAKE UNIT #380H  POKER LAKE UNIT #387H	Oil Oil Oil Oil Oil Oil	Active  Active  Active  Active  Cancelled  Active  Cancelled	N-25-30E 01/30/2013 7383  N-25-25S-30E 11/29/2012 9294  C-22-25S-30E 12/01/2012 9086  M-28-25S-30E 12/29/2012 8937  P-27-25S-30E 02/05/2014 7772  L-10-25S-30E 0  D-18-25S-30E 08/31/2013 7460  D-18-25S-31E 10/04/2013 7720  C-10-25S-30E 0	14769  14160  13482  13792  14184  0  15868	[96620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 52630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING  [13354] CORRAL CANYON, BONE SPRING, SOUTH  [96620] CORRAL CANYON, DELAWARE, SOUTH; [97814] WILDCAT G-015 52630010, BONE SPRING  [96209] CORRAL CANYON, DELAWARE, NORTHEAST  [13360] CORRAL CANYON, DELAWARE  [50386] POKER LAKE, DELAWARE, SOUTH	Eddy N	MNM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Uniter Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 2 Casing Liner 1 Tubing 1 Surface Casing Intermediate 2 Casing Intermediate 1 Casing Intermediate Intermediat	11.000 11.000	8.625 5.500 2.875 7.000 2.875 7.000 2.875 13.375 8.625 5.500 2.875 13.375 5.500 4.500 2.875 13.375 5.500 4.500 2.875 13.375 9.625 7.000 4.500 2.875 13.375 9.625 7.000 4.500 2.875 13.375 9.625 7.000 4.500 2.875 13.375 9.625 7.000 4.500	3700 13090 1164 3600 7481 14749 0 1320 4015 14160 0 1313 3970 13482 0 1120 3582 13792 1000 3890 7389 7391 74165 0 0 0 0 0 0 0 0 14130 8188 0 0	1700 1900 0 700 1450 510 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Circ Circ Circ Circ Circ Circ Circ
Intermediate 1 Casing 11.000 8.625 4028 1900 0 Circ Production Casing 7.875 5.00 14540 2200 2342 Tuber 1 7.875 2.375 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	30-015-40710 XTO PERMIAN OPERATING LLC.  30-015-40763 XTO PERMIAN OPERATING LLC.  30-015-40763 XTO PERMIAN OPERATING LLC.  30-015-40765 XTO PERMIAN OPERATING LLC.  30-015-41033 XTO PERMIAN OPERATING LLC.  30-015-41037 BOPCO, L.P.  30-015-41185 XTO PERMIAN OPERATING LLC.  30-015-41185 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #423H  POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H  POKER LAKE CVX JV RR #008H  POKER LAKE UNIT #421H  POKER LAKE UNIT #422H  POKER LAKE UNIT #380H  POKER LAKE UNIT #387H	Oil Oil Oil Oil Oil Oil	Active  Active  Active  Active  Cancelled  Active  Cancelled	N-25-30E 01/30/2013 7383  N-25-25S-30E 11/29/2012 9294  C-22-25S-30E 12/01/2012 9086  M-28-25S-30E 12/29/2012 8937  P-27-25S-30E 02/05/2014 7772  L-10-25S-30E 0  D-18-25S-30E 08/31/2013 7460  D-18-25S-31E 10/04/2013 7720  C-10-25S-30E 0	14769  14160  13482  13792  14184  0  15868	[96620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 52630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING  [13354] CORRAL CANYON, BONE SPRING, SOUTH  [96620] CORRAL CANYON, DELAWARE, SOUTH; [97814] WILDCAT G-015 52630010, BONE SPRING  [96209] CORRAL CANYON, DELAWARE, NORTHEAST  [13360] CORRAL CANYON, DELAWARE  [50386] POKER LAKE, DELAWARE, SOUTH	Eddy N	MNN :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Surface Casing Intermediate 1 Casing Production Casing Surface Casing Intermediate 2 Casing Intermediate 1 Casing Production Casing Production Casing	11.000 11.000	8.625 5.500 2.875 13.375 7.000 2.875 13.375 8.625 5.500 2.875 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 9.	3700 13090 1164 3600 7481 14749 0 1320 4015 14160 0 1313 3970 13482 0 1120 3582 13792 1000 3890 7389 7391 74165 0 0 0 0 0 0 0 0 14130 8188 0 0	1700 1900 0 700 1450 510 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Circ Circ Circ Circ Circ Circ Circ
Production Casing 7.875 5.500 14540 2200 2342 Tubing 1 7.875 2.375 0 0 0	30-015-40710 XTO PERMIAN OPERATING LLC.  30-015-40756 XTO PERMIAN OPERATING LLC.  30-015-40765 XTO PERMIAN OPERATING LLC.  30-015-40765 XTO PERMIAN OPERATING LLC.  30-015-41037 BOPCO, L.P.  30-015-41036 XTO PERMIAN OPERATING LLC.  30-015-41185 XTO PERMIAN OPERATING LLC.  30-015-41185 XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H  POKER LAKE CVX JV RR #008H  POKER LAKE UNIT #421H  POKER LAKE UNIT #422H  POKER LAKE UNIT #380H  POKER LAKE UNIT #378H  POKER LAKE UNIT #378H  POKER LAKE UNIT #378H  POKER LAKE CVX JV BS #021H	Oil Oil Oil Oil Oil Oil Oil Oil	Active  Active  Active  Active  Cancelled Active  Cancelled Active	F-19-25S-30E 01/30/2013 7383  N-25-25S-30E 11/29/2012 9294  C-22-25S-30E 12/01/2012 9086  M-28-25S-30E 12/29/2012 8937  P-27-25S-30E 02/05/2014 7772  L-10-25S-30E 0  L-18-25S-30E 08/31/2013 7460  D-18-25S-30E 08/08/2013 7720  C-10-25S-30E 0  M-13-25S-30E 0	14769  14160  13482  13792  14184  0  15868	[9620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 S2630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING  [13354] CORRAL CANYON, BONE SPRING, SOUTH  [96620] CORRAL CANYON, DELAWARE, SOUTH; [97814] WILDCAT G-015 S2630010, BONE SPRING  [96209] CORRAL CANYON, DELAWARE, NORTHEAST  [13360] CORRAL CANYON, DELAWARE, SOUTH  [96209] CORRAL CANYON, DELAWARE, SOUTH  [96209] CORRAL CANYON, DELAWARE, NORTHEAST  [97913] WILDCAT G-06 S2530020, BONE SPRING	Eddy N Eddy N Eddy N Eddy N Eddy N Eddy N	MNM : MAN	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Uniter Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Surface Casing Intermediate 2 Casing Unitermediate 2 Casing Liner 1 Surface Casing Intermediate 2 Casing Intermediate 1 Casing Intermediate 2 Casing Intermediate 1 Casing Intermediate 2 Casing Intermediate 2 Casing Intermediate 2 Casing Intermediate 3 Casing Intermediate	11.000 7.875 7.875 7.875 7.875 7.875 7.875 7.875 7.875 8.750 6.125 6.127 6.128	8.625 5.500 2.875 13.375 7.000 2.875 8.625 5.500 2.875 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 7.000 2.875 13.375 8.625 7.000 2.875 13.375 8.625 7.000 2.875 13.375 8.625 7.000 2.875 13.375 8.625 7.000 2.875 13.375 8.625 7.000 2.875 13.375 8.625 7.000 2.875 13.375 8.625 7.000 2.875 13.375 8.625 7.000 2.875 13.375 8.625 7.000 2.875 13.375 8.625 7.000 2.875 13.375 8.625 7.000 2.875 13.375 8.625 7.000 2.875 7.000 8.625 8.625	3700 13090 1164 3600 7481 14749 0 1320 4015 14160 0 1313 3970 13482 0 1120 3582 13792 1000 3890 7835 14165 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1700 1900 0 700 1450 510 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Gire Gire Gire Gire Gire Gire Gire
Tubing 1 7.875 2.375 0 0 0	30-015-40756 XTO PERMIAN OPERATING LLC.  30-015-40763 XTO PERMIAN OPERATING LLC.  30-015-40765 XTO PERMIAN OPERATING LLC.  30-015-41033 XTO PERMIAN OPERATING LLC.  30-015-41037 BOPCO, L.P.  30-015-41036 XTO PERMIAN OPERATING LLC.  30-015-41185 XTO PERMIAN OPERATING LLC.  30-015-41185 XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H  POKER LAKE CVX JV RR #008H  POKER LAKE UNIT #421H  POKER LAKE UNIT #422H  POKER LAKE UNIT #380H  POKER LAKE UNIT #378H  POKER LAKE UNIT #378H  POKER LAKE UNIT #378H  POKER LAKE CVX JV BS #021H	Oil Oil Oil Oil Oil Oil Oil Oil	Active  Active  Active  Active  Cancelled Active  Cancelled Active	F-19-25S-30E 01/30/2013 7383  N-25-25S-30E 11/29/2012 9294  C-22-25S-30E 12/01/2012 9086  M-28-25S-30E 12/29/2012 8937  P-27-25S-30E 02/05/2014 7772  L-10-25S-30E 0  L-18-25S-30E 08/31/2013 7460  D-18-25S-30E 08/08/2013 7720  C-10-25S-30E 0  M-13-25S-30E 0	14769  14160  13482  13792  14184  0  15868	[9620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 S2630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING  [13354] CORRAL CANYON, BONE SPRING, SOUTH  [96620] CORRAL CANYON, DELAWARE, SOUTH; [97814] WILDCAT G-015 S2630010, BONE SPRING  [96209] CORRAL CANYON, DELAWARE, NORTHEAST  [13360] CORRAL CANYON, DELAWARE, SOUTH  [96209] CORRAL CANYON, DELAWARE, SOUTH  [96209] CORRAL CANYON, DELAWARE, NORTHEAST  [97913] WILDCAT G-06 S2530020, BONE SPRING	Eddy N Eddy N Eddy N Eddy N Eddy N Eddy N	MNM : MAN	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 2 Casing Intermediate 1 Casing Intermediate 2 Casing Intermediate 1 Casing Intermediate 2 Casing Intermediate 1 Casing Intermediate 2 Casing Intermediate 2 Casing Intermediate 3 Casing Intermediate	11.000 11.0000 11.0000 11.0000 11.0000 11.0000 11.0000 11.0000 11.0000 1	8.625 5.500 2.875 13.375 7.000 2.875 13.275 8.625 5.500 2.875 8.625 5.500 2.875 8.625 5.500 2.875 8.625 5.500 2.875 8.625 5.500 2.875 8.625	3700 13090 1001 1164 3600 7481 14749 0 1320 4015 14160 0 1313 3970 13482 0 1120 3582 13792 1000 3889 7835 14165 0 0 0 0 4130 8188 0 4020 4020 4015 0 14150 0 972	1700 1700 0 700 0 1450 510 0 0 0 0 0 0 0 0 0 0 0 1150 1300 620 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		Gire Gire Gire Gire Gire Gire Gire Gire
	30-015-40756 XTO PERMIAN OPERATING LLC.  30-015-40763 XTO PERMIAN OPERATING LLC.  30-015-40765 XTO PERMIAN OPERATING LLC.  30-015-41033 XTO PERMIAN OPERATING LLC.  30-015-41037 BOPCO, L.P.  30-015-41036 XTO PERMIAN OPERATING LLC.  30-015-41185 XTO PERMIAN OPERATING LLC.  30-015-41185 XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H  POKER LAKE CVX JV RR #008H  POKER LAKE UNIT #421H  POKER LAKE UNIT #422H  POKER LAKE UNIT #380H  POKER LAKE UNIT #378H  POKER LAKE UNIT #378H  POKER LAKE UNIT #378H  POKER LAKE CVX JV BS #021H	Oil Oil Oil Oil Oil Oil Oil Oil	Active  Active  Active  Active  Cancelled Active  Cancelled Active	F-19-25S-30E 01/30/2013 7383  N-25-25S-30E 11/29/2012 9294  C-22-25S-30E 12/01/2012 9086  M-28-25S-30E 12/29/2012 8937  P-27-25S-30E 02/05/2014 7772  L-10-25S-30E 0  L-18-25S-30E 08/31/2013 7460  D-18-25S-30E 08/08/2013 7720  C-10-25S-30E 0  M-13-25S-30E 0	14769  14160  13482  13792  14184  0  15868	[9620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 S2630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING  [13354] CORRAL CANYON, BONE SPRING, SOUTH  [96620] CORRAL CANYON, DELAWARE, SOUTH; [97814] WILDCAT G-015 S2630010, BONE SPRING  [96209] CORRAL CANYON, DELAWARE, NORTHEAST  [13360] CORRAL CANYON, DELAWARE, SOUTH  [96209] CORRAL CANYON, DELAWARE, SOUTH  [96209] CORRAL CANYON, DELAWARE, NORTHEAST  [97913] WILDCAT G-06 S2530020, BONE SPRING	Eddy N Eddy N Eddy N Eddy N Eddy N Eddy N	MNM : MINM : MIN	Intermediate 1 Casing Production Casing Turbing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Turbing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Turbing 1 Surface Casing Intermediate 1 Casing Production Casing Turbing 1 Surface Casing Intermediate 1 Casing Production Casing Turbing 1 Surface Casing Intermediate 1 Casing Production Casing Surface Casing Intermediate 1 Casing Production Casing Surface Casing Intermediate 1 Casing Production Casing Surface Casing Intermediate 2 Casing Intermediate 1 Casing Intermediate 2 Casing Liner 1  Intermediate 1 Casing Intermediate 2 Casing Liner 1  Surface Casing Liner 2  Intermediate 2 Casing Liner 3  Intermediate 3  Linermediate 3  Linermediate 3  Linermediate 3  Linermediate 1 Casing Linermediate 2  Linermediate 1 Casing Linermediate 2  Linermediate 2  Linermediate 2  Linermediate 3  Linermediate 4  Linermediate 4  Linermediate 4  Linermediate 4  Linermediate 4  Linermediate 4  Linermediate 5  Linermediate 5  Linermediate 6  Linermediate 6  Linermediate 6  Linermediate 7  Linermediate 6  Linermediate 7  Linermediate 7  Linermediate 8  Linermediate 8  Linermediate 9  Lin	11.000 7.875 7.875 7.875 7.875 7.875 7.875 7.875 7.875 8.750 6.125 6.125 6.125 6.125 6.125 7.875 7.875 7.875 7.875 7.875 7.875 7.875 7.875 17.500 11.000 12.250 6.125 6.	8,625 5,500 2,875 13,375 7,000 4,500 2,875 8,625 5,500 13,375 8,625 5,500 13,375 8,625 5,500 13,375 8,625 5,500 13,375 8,625 5,500 13,375 8,625 5,500 13,375 8,625 5,500 13,375 8,625 5,500 13,375 8,625 5,500 13,375 8,625 5,500 13,375 8,625 5,500 13,375 8,625 5,500 13,375 8,625 5,500 13,375 8,625 5,500 13,375 8,625 5,500 13,375 8,625 5,500 13,375 8,625 5,500 13,375 8,625 5,500 13,375 8,625 5,500 13,375 13	3700 13090 1164 3600 7481 14749 0 1320 4015 14160 0 133970 13482 0 1120 3582 13792 1000 3890 7835 14165 0 978 3615 7600 0 0 0 13488 0 0 0 14150 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1700 1900 0 700 1450 510 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	Gire Gire Gire Gire Gire Gire Gire Gire
	30-015-40756 XTO PERMIAN OPERATING LLC.  30-015-40763 XTO PERMIAN OPERATING LLC.  30-015-40765 XTO PERMIAN OPERATING LLC.  30-015-41033 XTO PERMIAN OPERATING LLC.  30-015-41037 BOPCO, L.P.  30-015-41036 XTO PERMIAN OPERATING LLC.  30-015-41185 XTO PERMIAN OPERATING LLC.  30-015-41185 XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H  POKER LAKE CVX JV RR #008H  POKER LAKE UNIT #421H  POKER LAKE UNIT #422H  POKER LAKE UNIT #380H  POKER LAKE UNIT #378H  POKER LAKE UNIT #378H  POKER LAKE UNIT #378H  POKER LAKE CVX JV BS #021H	Oil Oil Oil Oil Oil Oil Oil Oil	Active  Active  Active  Active  Cancelled Active  Cancelled Active	F-19-25S-30E 01/30/2013 7383  N-25-25S-30E 11/29/2012 9294  C-22-25S-30E 12/01/2012 9086  M-28-25S-30E 12/29/2012 8937  P-27-25S-30E 02/05/2014 7772  L-10-25S-30E 0  L-18-25S-30E 08/31/2013 7460  D-18-25S-30E 08/08/2013 7720  C-10-25S-30E 0  M-13-25S-30E 0	14769  14160  13482  13792  14184  0  15868	[9620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 S2630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING  [13354] CORRAL CANYON, BONE SPRING, SOUTH  [96620] CORRAL CANYON, DELAWARE, SOUTH; [97814] WILDCAT G-015 S2630010, BONE SPRING  [96209] CORRAL CANYON, DELAWARE, NORTHEAST  [13360] CORRAL CANYON, DELAWARE, SOUTH  [96209] CORRAL CANYON, DELAWARE, SOUTH  [96209] CORRAL CANYON, DELAWARE, NORTHEAST  [97913] WILDCAT G-06 S2530020, BONE SPRING	Eddy N Eddy N Eddy N Eddy N Eddy N Eddy N	MNM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 2 Casing Intermediate 1 Casing Production Casing Production Casing Intermediate 1 Cas	11.000 7.875 7.875 7.875 7.875 7.875 7.875 7.875 8.750 12.250 8.750 11.250 11.000 7.8875 7.875 7.875 7.875 7.875 7.875 7.875 7.875 11.000 11.250 6.125 11.000	8.625 5.500 2.875 9.625 7.000 2.875 8.625 8.625 8.625 9.625 9.625 8.625 9.625	3700 13090 1164 3600 7481 14749 0 1320 4015 14160 0 133970 13482 0 1120 3582 13792 1000 3890 7835 14165 0 978 3615 7600 0 0 0 13488 0 0 0 14150 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1700 1900 0 700 1450 510 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	Gire Gire Gire Gire Gire Gire Gire Gire
	30-015-40710 XTO PERMIAN OPERATING LLC.  30-015-40756 XTO PERMIAN OPERATING LLC.  30-015-40763 XTO PERMIAN OPERATING LLC.  30-015-40765 XTO PERMIAN OPERATING LLC.  30-015-41033 XTO PERMIAN OPERATING LLC.  30-015-41036 XTO PERMIAN OPERATING LLC.  30-015-41185 XTO PERMIAN OPERATING LLC.  30-015-4156 XTO PERMIAN OPERATING LLC.  30-015-4158 XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV PB #004H  POKER LAKE CVX JV PB #005H  POKER LAKE CVX JV RR #008H  POKER LAKE UNIT #421H  POKER LAKE UNIT #422H  POKER LAKE UNIT #422H  POKER LAKE UNIT #380H  POKER LAKE UNIT #387H  POKER LAKE UNIT #378H  POKER LAKE UNIT #378H  POKER LAKE UNIT W378H  POKER LAKE UNIT W378H	Oil Oil Oil Oil Oil Oil Oil Oil	Active  Active  Active  Active  Active  Cancelled  Active  Cancelled  Active  Active	N-25-30E   01/30/2013   7383	14769  14160  13482  13792  14184  0  15868	[9620] CORRAL CANYON, DELAWARE, SOUTH  [97814] WILDCAT G-015 S2630010, BONE SPRING  [96238] CORRAL DRAW, BONE SPRING  [13354] CORRAL CANYON, BONE SPRING, SOUTH  [9620] CORRAL CANYON, DELAWARE, SOUTH; [97814] WILDCAT G-015 S2630010, BONE SPRING  [96209] CORRAL CANYON, DELAWARE, NORTHEAST  [13360] CORRAL CANYON, DELAWARE, NORTHEAST  [50386] POKER LAKE, DELAWARE, SOUTH  [96209] CORRAL CANYON, DELAWARE, NORTHEAST  [97913] WILDCAT G-06 S2530020, BONE SPRING	Eddy N	MNM :	Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Liner 1 Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 1 Casing Production Casing Tubing 1 Surface Casing Intermediate 2 Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 2 Casing Intermediate 1 Casing Intermediate 2 Casing Intermediate 1 Casing Intermediate 1 Casing Intermediate 2 Casing Intermediate 1 Cas	11.000 7.875 7.875 7.875 7.875 7.875 7.875 7.875 7.875 8.750 6.125	8.625 5.500 2.875 13.375 9.625 7.000 2.875 8.625 5.500 2.875 13.375 8.625 5.500 2.875 13.375 8.625 5.500 2.875 9.625 7.000 4.500 2.875 9.625 7.000 4.500 2.875 9.625 7.000 4.500 2.875 9.625 7.000 4.500	3700 13090 1164 3600 1164 3600 7481 14749 0 1320 4015 14160 0 1120 3970 13482 0 1120 3582 13792 1000 3890 7835 14165 0 978 3615 7600 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1700 1900 0 700 1450 510 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0	Gire Gire Gire Gire Gire Gire Gire Gire

									Inte		12.250 8.750 8.750	9.625 7.000 4.500	3965 10089 17115	1850 870 0	0 0 0	Circ Circ Circ
D-015-41648 BOPCO, L.P.	PLU BIG SINKS 24 25 30 USA #001	Oil	Plugged (site released)	M-13-25S-30E 09/07/2013	760	269	[97814] WILDCAT G-015 S2630010, BONE SPRING	Eddy		oing 1	4.500	2.875	0	0	0	
0-015-41693 XTO PERMIAN OPERATING LLC.		Oil	Active	M-13-25S-30E 09/23/2013		14363	[97814] WILDCAT G-015 32030010, BONE SPRING		NM Sur	face Casing	17.500	13.375	1170	1348	0	Circ
												8.625	3973	1900	0	Circ
											7.875 7.875	5.500 2.875	14333 0	1720 0	3758 0	
0-015-42054 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT CVX JV RR #009H	Oil	Active	P-32-25S-30E 04/13/2014	10069	17306	[13354] CORRAL CANYON, BONE SPRING, SOUTH	Eddy	NM Sur	face Casing	17.500	13.375	1069	995	0	Circ
									Inte Pac			8.625 5.500	3650 0	1330 0	0	Circ
												5.500	17295	1485	0	Circ
D-015-42112 XTO PERMIAN OPERATING LLC.	POKER LAKE LINIT #457	Oil	Active	P-27-25S-30E 03/07/2014	7367	17019	[96620] CORRAL CANYON, DELAWARE,SOUTH	Eddy			7.875 17.500	2.875 13.375	987	1150	0	Circ
							(,,,	,	Inte	ermediate 1 Casing	12.250	9.625	3879	1300	0	Circ
											8.750 6.125	7.000 4.500	7915 17004	640 0	0 7787	Circ
												2.875	0	0	0	
D-015-42158 XTO PERMIAN OPERATING LLC. D-015-42390 XTO PERMIAN OPERATING LLC.		Oil	Active Active	P-17-25S-30E 07/16/2014 P-17-25S-30E 08/31/2014		17992 17202	[13354] CORRAL CANYON, BONE SPRING, SOUTH; [96238] CORRAL DRAW, BONE SPRING	Eddy		face Casina	17.500	13.375	1176	1305	0	Circ
J-015-42590 XTO PERIVIAN OPERATING LLC.	PORER LAKE CVX IV PC COIVI #UZIH	Oil	Active	P-17-255-50E 06/51/2014	10120	1/202	[13354] CORRAL CANYON, BONE SPRING, SOUTH	Euuy	NM Sur			9.625	3734	1165	0	Circ
											8.750	5.500	17202	3455	0	Circ
0-015-42470 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #455H	Oil	Active	J-22-25S-30E 10/14/2015	/55/	14111	[50386] POKER LAKE, DELAWARE, SOUTH	Eddy	NM Sur		17.500 12.250	13.375 9.625	1333 3917	1000 1100	0	Circ Circ
									Pro	duction Casing	8.750	7.000	7784	850	0	Circ
									Line Tub		6.125 6.125	4.500 2.875	14111	0	0	
0-015-42574 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #456H	Oil	Active	J-22-25S-30E 11/13/2014	7794	14181	[96047] POKER LAKE, DELAWARE, SOUTHWEST	Eddy				13.375	1337	1000	0	Circ
											12.250 8.750	9.625 7.000	3877 7931	1250 700	0	Circ
												4.500	14170	0	0	Circ
											6.125	2.875	0	0	0	
0-015-43310 XTO PERMIAN OPERATING LLC.	PLU PIERCE CANYON 17 FEDERAL SWD #001	Salt Water Disposal	Active	N-17-25S-30E 01/29/2018	3 0	17850	[96101] SWD, DEVONIAN	Eddy	NM Sur		24.000 17.000	18.625 13.375	839 3573	1530 2796	0	Circ
									Inte	ermediate 2 Casing	12.250	9.625	10979	2492	0	Circ
									Pac		8.500 8.500	7.000 7.000	0 16300	0 922	0	Circ
											8.500	4.500	0	0	0	CIIC
D-015-43425 XTO PERMIAN OPERATING LLC. D-015-43426 XTO PERMIAN OPERATING LLC.		Oil Oil	New Cancelled	I-27-25S-30E D-21-25S-30E	0	0	[96620] CORRAL CANYON, DELAWARE,SOUTH; [98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy								
0-015-43426 XTO PERMIAN OPERATING LLC.		Oil	Cancelled	I-27-25S-30E	0	0	[98165] WC-015 G-04 S253027I, DELAWARE	Eddy Eddy								
0-015-43432 XTO PERMIAN OPERATING LLC.		Oil	Cancelled	D-21-25S-30E	0	0	[13354] CORRAL CANYON, BONE SPRING, SOUTH	Eddy								
0-015-43489 XTO PERMIAN OPERATING LLC. 0-015-43491 XTO PERMIAN OPERATING LLC.		Oil Oil	Cancelled New	C-16-25S-30E C-21-25S-30E	0	0	[96209] CORRAL CANYON, DELAWARE, NORTHEAST [96209] CORRAL CANYON, DELAWARE, NORTHEAST	Eddy Eddy								
0-015-43511 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #482H	Oil	Cancelled	C-16-25S-30E	0	0	[96209] CORRAL CANYON, DELAWARE, NORTHEAST	Eddy	NM							
D-015-43541 XTO PERMIAN OPERATING LLC. D-015-43623 XTO PERMIAN OPERATING LLC.		Oil Gas	Cancelled Active	C-21-25S-30E P-17-25S-30E 05/01/2018	0 11227	0 22927	[96209] CORRAL CANYON, DELAWARE, NORTHEAST [96209] CORRAL CANYON, DELAWARE, NORTHEAST; [98220] PURPLE SAGE, WOLFCAMP (GAS)		NM Sur	face Casing	17.500	13.375	992	900	0	Circ
							()	,			12.250	9.625	8407	3998	0	Circ
											8.750 6.000	7.000 4.500	12698 22907	1334 1054	0	Circ
0-015-43651 XTO PERMIAN OPERATING LLC.		Oil	Cancelled	P-17-25S-30E	0	0	[96209] CORRAL CANYON, DELAWARE, NORTHEAST	Eddy		duction casing	0.000	4.300	22307	1034		Circ
0-015-44938 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #474Y	Gas	Active	I-27-25S-30E 05/06/2018	11430	18235	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM Sur		24.000 17.500	18.625 13.375	1034 3814	1129 3146	0	Circ
											12.250	9.625	10492	2811	0	Circ
										-		5.500 2.875	18235 0	2850	0	Circ
0-015-45470 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 20 BD #108H	Gas	New	P-20-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy		oing 1	8.750	2.8/5	U	U	U	
0-015-45473 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 20 BD #707H	Oil	New	P-20-25S-30E	0	0	[13354] CORRAL CANYON, BONE SPRING, SOUTH	Eddy	NM	,						
0-015-45475 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 20 BD #907H	Oil	New	P-20-25S-30E	0	0	[13354] CORRAL CANYON, BONE SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM Sur		14.750 8.750	11.750 7.625	987 10243	1060 880	0	Circ
									Pro	duction Casing	6.750	5.500	21637	980	10050	Oth
0-015-45476 XTO PERMIAN OPERATING LLC.	POKER LAKE LINIT 21 BD #102H	Gas	New	M-21-25S-30E 02/04/2020	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy			6.750 14.750	5.000 11.750	21732 1022	980 1056	21637	Oth
0 013 45470 XIO I EIIMINII OI EIIVIIII CEE.	TOKEN DIKE ONLY 22 BD W2021	Gus		111 233 302 02/04/2020		Ü	[SOZZO] FOR ZE STOCK, WOLLOWIN (G/G)	Ludy		ermediate 1 Casing	10.625	8.625	11125	2455	0	Circ
D-015-45477 XTO PERMIAN OPERATING LLC.	DOVED I AVE LINIT 21 DD #001U	Oil	New	M-21-25S-30E 01/29/2020		0	[13354] CORRAL CANYON, BONE SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy			7.875 14.750	5.500 11.750	22457 1060	2831 961	0	Circ
0-013-43477 XTO FERWINN OF ERATING EEC.	FOREN DAKE ONLY 21 BD #30111	Oil	IVEW	W-21-233-30L 01/23/2020	, 0	0	[13334] CONNECTIVION, BONE SENING, 300 III, [30220] FORFEE SAGE, WOLI CHIVE (0A3)	Ludy				8.625	10509	2297	0	Circ
	DOWED LAWS LINES OF DO MADAIL	6	Maria	N 24 255 205 02 (42 (202)			(20220) NURNIF CASE WOLFSMAN (CAE)	est.			7.875	5.500	21638	2472	0	Circ
	POKER LAKE UNIT 21 BD #104H	Gas	New	N-21-25S-30E 03/13/2020	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy			17.500 12.250	13.625 9.625	1020 11090	2025 3130	0	Circ Circ
0-015-45512 XTO PERMIAN OPERATING LLC.									Pro	duction Casing	8.500	5.500	22540	1420	3348	The
		Gas	New	M-21-25S-30E 02/01/2020	0 0	21417	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM Sur	face Casing ermediate 1 Casing		11.750 8.625	1055 10150	971 1783	843 0	Circ
	POKER LAKE UNIT 21 BD #121H								Pro	duction Casing	7.875	5.500	21407	2688	0	Circ
0-015-45513 XTO PERMIAN OPERATING LLC.						0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy		face Casing ermediate 1 Casing	17.500		1087 10000	2020 4950	0	Cire
		Gas	New	N-21-25S-30E 02/16/2020	0	-			IIILE					3225	5000	The
0-015-45513 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 21 BD #123H									duction Casing	8.500		21368	3223		
0-015-45513 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 21 BD #123H	Gas	New	N-21-25S-30E 02/16/2020 N-21-25S-30E 02/29/2020		0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM Sur	duction Casing face Casing	8.500 17.500	13.375	1102	2110	0	Cir
D-015-45513 XTO PERMIAN OPERATING LLC. D-015-45514 XTO PERMIAN OPERATING LLC. D-015-45515 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 21 BD #123H  POKER LAKE UNIT 21 BD #124H	Gas		N-21-25S-30E 02/29/2020	0 0				NM Sur Inte	duction Casing face Casing ermediate 1 Casing duction Casing	8.500 17.500 12.250 8.500	13.375 9.625 5.500	1102 10022	2110	0 0 0	Cir Cir
D-015-45513 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 21 BD #123H  POKER LAKE UNIT 21 BD #124H				0 0		[98220] PURPLE SAGE, WOLFCAMP (GAS)  [13354] CORRAL CANYON, BONE SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP (GAS)		NM Sur Inte Pro NM Sur	duction Casing face Casing ermediate 1 Casing duction Casing face Casing	8.500 17.500 12.250 8.500 14.750	13.375 9.625 5.500 11.750	1102 10022 21766 895	2110 4484 4100 735	0 0	Cir Cir Cir
D-015-45513 XTO PERMIAN OPERATING LLC. D-015-45514 XTO PERMIAN OPERATING LLC. D-015-45515 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 21 BD #123H  POKER LAKE UNIT 21 BD #124H	Gas	New	N-21-25S-30E 02/29/2020	0 0	0			NM Sur Inte Pro NM Sur Pro	duction Casing face Casing ermediate 1 Casing duction Casing face Casing duction Casing	8.500 17.500 12.250 8.500	13.375 9.625 5.500 11.750 5.500	1102 10022 21766	2110 4484 4100	0	Cir Cir Cir
D-015-45513 XTO PERMIAN OPERATING LLC. D-015-45514 XTO PERMIAN OPERATING LLC. D-015-45515 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 21 BD #123H  POKER LAKE UNIT 21 BD #124H  POKER LAKE UNIT 20 BD #905H	Gas	New	N-21-25S-30E 02/29/2020	0 0	0		Eddy	NM Suri Inte Pro NM Suri Pro Pro NM Suri	duction Casing face Casing remediate 1 Casing duction Casing face Casing duction Casing duction Casing duction Casing	8.500 17.500 12.250 8.500 14.750 6.750 6.750 14.750	13.375 9.625 5.500 11.750 5.500 5.000 11.750	1102 10022 21766 895 0 21671	2110 4484 4100 735 0 990 735	0 0 0 0 0	Cire Cire Cire Cire Cire
D-015-45513 XTO PERMIAN OPERATING LLC. D-015-45514 XTO PERMIAN OPERATING LLC. D-015-45515 XTO PERMIAN OPERATING LLC. D-015-45538 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 21 BD #123H  POKER LAKE UNIT 21 BD #124H  POKER LAKE UNIT 20 BD #905H	Gas	New New	N-21-255-30E 02/29/2020 O-20-255-30E 11/09/2020	0 0	0	[13354] CORRAL CANYON, BONE SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM Suri Inte Pro NM Suri Pro Pro NM Suri Inte	duction Casing face Casing et a Casing duction Casing duction Casing duction Casing duction Casing duction Casing face Casing face Casing et a Casing	8.500 17.500 12.250 8.500 14.750 6.750 6.750 14.750 8.750	13.375 9.625 5.500 11.750 5.500 5.000 11.750 7.625	1102 10022 21766 895 0 21671 905 9865	2110 4484 4100 735 0 990 735	0 0 0 0 0	Cir Cir Cir Cir
-015-45513 XTO PERMIAN OPERATING LLC015-45514 XTO PERMIAN OPERATING LLC015-45515 XTO PERMIAN OPERATING LLC015-45538 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 21 BD #123H  POKER LAKE UNIT 21 BD #124H  POKER LAKE UNIT 20 BD #905H  POKER LAKE UNIT 20 BD #125H	Gas	New New	N-21-255-30E 02/29/2020 O-20-255-30E 11/09/2020	0 0	0	[13354] CORRAL CANYON, BONE SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM Suri Inte Pro NM Suri Pro Pro NM Suri Inte Pro	duction Casing face Casing ermediate 1 Casing duction Casing face Casing duction Casing duction Casing duction Casing face Casing duction Casing face Casing duction Casing face Casing	8.500 17.500 12.250 8.500 14.750 6.750 6.750 14.750 8.750	13.375 9.625 5.500 11.750 5.500 5.000 11.750 7.625 5.500	1102 10022 21766 895 0 21671 905 9865	2110 4484 4100 735 0 990 735 880 0	0 0 0 0 0	Cir Cir Cir Cir Cir

ory			$\dashv$
   |  |  | ry   | -  |   
  |  |  | - 1  |  |  
  |  |  | $\dashv$   |  |  
   |  |  | -  |  |   
  |  |   |  | $\rightarrow$  |   
  |  |  |  |  |                                    
   |  |  |  |  
   |  |  |  |  |   
  |  |   |   | $\neg$   |  
   |   |  |  |   |   
  |  |   |  |   |  
  |   | ╗   |  |   |   
   |  |  | $\dashv$   |  |   
  |  |  | - 1   | Marche   M |
--	--	--	--
--	--	--	--
--	--	---	--
--	--	--	--
--	--	--	--
--	--	---	--
--	--	--	--
--	--	--	--
--	--	--	--
--	--	--	--
--	---	---	--
--	---	--	--
---	--	--	---
--	---	---	---
---	--	---	---
--	--	--	--
--	--	--	---
--			
Theo	Circ Circ		Circ
   | Circ   | Circ<br>Circ   | Circ   |  |   
  | Calc   |  | Circ   |  | Circ   
  |  |  | Circ   | Circ   | Circ   
   |  | Circ   | · · ·  |  |   
  | Circ   |   |  | Cire   |   
  | Circ   |  |  |  |                                    
   |  |  | Circ   |  
   | Circ   |  | Circ   | Circ   |   
  |  | Circ  |   | Circ   | Circ   
   |   |  | Circ   |   | Circ  
  | Circ   | Calc  |  | Circ  |  
  |   | Circ  | Circ   | Circ  |   
   | Circ   |  | Circ   |  |   
  | Call   | · ·  | Calc  | Second   S |
| 5416   | 0  |  |  |  
   | 0  | 0  | 0  | 0  |   
  | 1/93   |  | 0  | 0  |  
  |  | 0  | 0  | 0  | 0  
   | 0  |  | -  |  |   
  |  |   |  | _  |   
  |  |  |  |  |                                    
   |  |  |  |  
   |  | 0  | 0  | 0  | 0   
  | 0  | 0   | 0   | 0  | 0  
   | 0   | 0  | 0  | 0   | 0   
  | 0  | 11510   | 0  | 0   | 0  
  | 0   | 0   | 0  | 0   | 0   
   | 0  | 0  | 0  | 0  |   
  |  | 10468  |   | Part   
   |
990	0		340
   | 1409   | 818<br>788   | 1756   | 4680<br>2081   |   
  | 4330   |  | 1502   | 3788   |  
  |  | 0  | 1550   | 1836   | 1659   
   | 0  |  | _  |  |   
  | 850  | 705   | 793  | 1563   |   
  |  |  |  |  | -                                  
   |  |  |  |  
   | 733  | 0  |  | 1769   | 1408  
  | 0  | 1079  | 0   | 1493   | 2495   
   |   | 0  | 940  | 0   | 1952  
  | 2522   | 1659  | 0  | 1041  |  
  | 0   | 0   | 0  | 0   | 0   
   |  | 0  | 1245   |  |   
  |  |  |   | Second   S |
| 21885  | 0  |  | 500  |  
   | 10480  | 1044<br>11071  | 1006   | 21733<br>1055  |   
  | 210/8  |  | 1130   | 4000   |  
  |  |  |  | 4012   | 11505  
   | 0  |  |  |  |   
  |  |   |  | -  |   
  |  |  |  |  |                                    
   |  |  |  |  
   |  | -  |  | 4026   | 11487   
  | 0  | 20200   | 0   | 1090   | 3995   
   |   | 0  | 19298  |   | 1137  
  | 3982   | 11572   | 0  | 19130   |  
  | 0   | 773   | 3490   | 9600  | 0   
   |  | 0  | -  |  |   
  |  | U  | 19075   | Separate   1967   1968  
1968   1968   1968   1968   1968   1968   196 |
5.000	5.500		11.750
   | 8.625  | 11.750<br>8.625  | 13.375   | 5.500<br>13.375  |   
  | o.50U  |  | 13.375   | 9.625  |  
  |  |  |  | 9.625  | 7.000  
   | 4.500  |  |  |  |   
  |  |   |  |  |   
  |  |  |  |  |                                    
   |  |  |  |  
   |  |  | 13.375   | 9.625  | 7.000   
  | 4.500  | 4.500   | 2.875   | 13.625   | 9.625  
   |   | 4.500  | 4.500  |   | 13.375  
  | 9.625  | 7.000   | 4.500  | 4.500   |  
  |   |   |  | 8.625   |   
   |  |  |  |  |   
  |  |  |   | Part   
   |
6.750	6.750		14.730
   | 10.625   | 14.750<br>10.625   | 17.500   | 8.500<br>17.500  |   
  | 6.750  |  | 17.500   | 12.250   |  
  |  |  |  | 12.250   | 8.750  
   | 6.000  |  |  |  |   
  |  |   |  |  |   
  |  |  |  |  |                                    
   |  |  |  |  
   |  |  |  | 12.250   | 8.750   
  | 6.000  | 6.000   | 6.000   | 17.500   | 12.250   
   |   |  | 6.000  |   | 17.500  
  | 12.250   | 8.750   | 6.000  | 6.000   |  
  |   |   |  | 10.675  |   
   |  |  |  |  |   
  |  |  |   | Column   
   |
Production Casing	Intermediate 1 Casing Production Casing		Surface cusing
   | Intermediate 1 Casing  | Surface Casing<br>Intermediate 1 Casing  | Surface Casing   | Production Casing<br>Surface Casing  |   
  | rioduction Casing  |  | Surface Casing   | Intermediate 1 Casing  |  
  |  |  |  | Intermediate 1 Casing  | Production Casing  
   | Packer   |  |  |  |   
  |  |   |  |  |   
  |  |  |  |  |                                    
   |  |  |  |  
   |  |  | Surface Casing   | Intermediate 1 Casing  | Intermediate 2 Casing   
  | Packer   | Production Casing   |   |  |  
   |   |  | Liner 1  | Tubing 1  | Surface Casing  
  | Intermediate 1 Casing  | Intermediate 2 Casing   | Packer   | Production Casing   |  
  |   | Surface Casing  | Intermediate 1 Casing  | Intermediate 2 Casing   |   
   |  |  |  |  |   
  |  |  |   | Gol   New  
   |
			NIM
   |  | NM   | NM   | NM   |   
  |  |  | NM   |  |  
  |  |  |  |  |  
   |  |  |  |  |   
  |  |   |  |  |   
  |  |  |  |  |                                    
   |  |  |  |  
   |  |  | NM   |  |   
  |  |   |   |  |  
   |   |  |  |   | NM  
  |  |   |  |   |  
  |   | NM  |  |   |   
   |  |  |  |  |   
  |  |  |   | Gen   New   9-20-25-308   0   19320  PURILE SAGE, WOLFCAMP (GAS)   Cady  
   |
	Eddy	Eddy	Eddy
   | Eddy   | Eddy   | Eddy   | Eddy   |   
  |  |  | Eddy   | •  |  
  |  |  | Eddy   |  |  
   |  |  | eas.   | Eddy   |   
  |  |   |  | Edd.   | Euuy  
  |  |  |  |  |                                    
   | Eddy   |  |  |  
   |  |  | Eddy   |  |   
  |  |   |   | Eddy   |  
   |   |  |  |   | Eddy  
  |  |   |  |   |  
  |   | Eddy  |  |   |   
   |  |  | Edrlv  | Ludy   |   
  |  |  |   | Gis   New  
   |
	E	E	
   | E  | P (GAS) E  | P (GAS) E  | E  |   
  |  |  | E  |  |  
  |  |  | E  |  |  
   |  |  |  |  |   
  |  |   |  |  |   
  |  |  |  |  |                                    
   |  |  |  |  
   |  |  | E  |  |   
  |  |   |   | MP (GAS) E   |  
   |   |  |  |   | MP (GAS) E  
  |  |   |  |   |  
  |   | E   |  |   |   
   |  |  | F  |  |   
  |  |  |   | Gir   New  
   |
	[98220] PURPLE SAGE, WOLFCAMP (GAS)	[98220] PURPLE SAGE, WOLFCAMP (GAS)	
   | [98220] PURPLE SAGE, WOLFCAMP (GAS)  | [13354] CORRAL CANYON, BONE SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP (GAS)   | [13354] CORRAL CANYON, BONE SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP (GAS)   | [13354] CORRAL CANYON, BONE SPRING, SOUTH  |   
  |  |  | [98220] PURPLE SAGE, WOLFCAMP (GAS)  |  |  
  |  |  | [98220] PURPLE SAGE, WOLFCAMP (GAS)  |  |  
   |  |  | [00220] PURPLE CACE MOLECAND (CAC)   | [98220] PURPLE SAGE, WOLFCAMP (GAS)  |   
  |  |   |  | [09220] DUDDIE EACE WOLFCAMP (CAS)   | [96220] PORPLE SAGE, WOLFCANIP (GAS)  
  |  |  |  |  | (annual annual a | [98220] PURPLE
SAGE, WOLFCAMP (GAS)  |  |  |  |   
  |  | [98220] PURPLE SAGE, WOLFCAMP (GAS)  |  |  |  
   |   |   | [97814] WILDCAT G-015 S2630010. BONE SPRING: [98220] PURPLE SAGE, WOLFCAMP (GAS)   |  |   
   |  |  |   | [97814] WILDCAT G-015 S2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS)   |  
   |   |  |   |   |  
  | [98220] PURPLE SAGE, WOLFCAMP (GAS)   |  |   |   |   
  |  | [98220] PURPLE SAGE, WOLFCAMP (GAS)  | (January 1 on the street, work of the foreign  |  |  
   |  |   | Gas   New  |
|  | 0  | 0  | -  | U  
   | U  | 0  | 21745  | 0  |   
  |  |  | 19945  |  |  
  |  |  | 20265  |  |  
   |  |  | 20202  | 20202  |   
  |  |   |  | 20140  | 20140   
  |  |  |  |  |                                    
   | 19747  |  |  |  
   |  |  | 20210  |  |   
  |  |   |   | 19394  |  
   |   |  |  |   | 19140   
  |  |   |  |   |  
  |   | 18772   |  |   |   
   |  |  | 0  | ·  |   
  |  |  |   | Gas   New  
   |
|  | 0  | 0  | 0  | U  
   | /2020 0  | /2020 0  | /2020 0  | /2020 0  |   
  |  |  | /2019 12236  |  |  
  |  |  | /2019 12387  |  |  
   |  |  | (2040 42205  | /2019 12396  |   
  |  |   |  | /2010 12220  | /2019 12320   
  |  |  |  |  |                                    
   | /2019 12248  |  |  |  
   |  |  | /2019 12245  |  |   
  |  |   |   | /2019 11539  |  
   |   |  |  |   | /2019 11335   
  |  |   |  |   |  
  |   | /2019 11357   |  |   |   
   |  |  | /2019 0  | ,  |   
  |  |  |   | Gas         New         P-20-255-30E           Oil         New         O-20-255-30E           Gas         New         M-21-255-30E         O2/03           Oil         New         M-21-255-30E         O1/16           Oil         New         N-21-255-30E         O2/03           Gas         New         O-20-255-30E         G2/03           Gas         Active         E-25-255-30E         07/25           Gas         Active         E-25-255-30E         07/23           Gas         Active         E-25-255-30E         07/23           Gas         Active         E-25-255-30E         07/23           Gas         Active         E-25-255-30E         07/23           Gas         Active         E-25-255-30E         07/20           Gas         Active         E-25-255-30E         07/20           Oil         Active         E-25-255-30E         05/30           Gas         Active         E-25-255-30E         07/25           Gas         Active         E-25-255-30E         09/09  
   |
	P-20-25S-30E	P-20-25S-30E	
   | M-21-255-30E 02/03   | M-21-25S-30E 01/27   | N-21-25S-30E 01/16   | N-21-25S-30E 02/03   |   
  |  |  | E-25-25S-30E 07/25   |  |  
  |  |  | F-25-25S-30E 07/23   |  |  
   |  |  | F 3F 3FF 30F 00/04   | E-25-255-30E 09/01   |   
  |  |   |  | E 3E 3EE 30E 07/10   | E-23-253-50E 07/10  
  |  |  |  |  |                                    
   | F-25-255-30E 06/23   |  |  |  
   |  |  | F-25-25S-30E 07/20   |  |   
  |  |   |   | E-25-25S-30E 05/30   |  
   |   |  |  |   | F-25-25S-30E 07/25  
  |  |   |  |   |  
  |   | F-25-25S-30E 06/08  |  |   |   
   |  |  | E-25-255-30F 10/04   | C 25 255-50E 10/04   |   
  |  |  |   | Gas New Oil New Gas New Oil New Oil New Oil New Oil New Gas New Gas Active   |
|  | New  | New  |  |  
   | New  | New  | New  | New  |   
  |  |  | Active   |  |  
  |  |  | Active   |  |  
   |  |  | A -47  | Active   |   
  |  |   |  | Astino   | Active  
  |  |  |  |  |                                    
   | Active   |  |  |  
   |  |  | Active   |  |   
  |  |   |   | Active   |  
   |   |  |  |   | Active  
  |  |   |  |   |  
  |   | Active  |  |   |   
   |  |  | Active   | reard  |   
  |  |  |   | Gas Oil Gas Oil Oil Oil Oil Gas Gas Gas Gas Gas Gas Gas Gas  
   |
	Gas	Gas	
   | Gas  | Oil  | Oil  | Oil  |   
  |  |  | Gas  |  |  
  |  |  | Gas  |  |  
   |  |  | C  | Gas  |   
  |  |   |  | Can  | GdS   
  |  |  |  |  |                                    
   | Gas  |  |  |  
   |  |  | Gas  |  |   
  |  |   |   | Oil  |  
   |   |  |  |   | Gas   
  |  |   |  |   |  
  |   | Gas   |  |   |   
   |  |  | Gas  |  |   
  |  |  |   |  
   |
	POKER LAKE UNIT 20 BD #127H	POKER LAKE UNIT 20 BD #128H	
   | POKER LAKE UNIT 21 BD #122H  | POKER LAKE UNIT 21 BD #701H  | POKER LAKE UNIT 21 BD #703H  | POKER LAKE UNIT 21 BD #903H  |   
  |  |  | POKER LAKE UNIT 25 BD #102H  |  |  
  |  |  | POKER LAKE UNIT 25 BD #104H  |  |  
   |  |  | DOKED LAKE LINUT OF DD HADALI  | POKER LAKE UNIT 25 BD #121H  |   
  |  |   |  | DOVED I AVE LINIT 25 DD #122H  | POREN LAKE UNIT 23 BD #122H   
  |  |  |  |  |                                    
   | POKER LAKE UNIT 25 BD #123H  |  |  |  
   |  |  | POKER LAKE UNIT 25 BD #124H  |  |   
  |  |   |   | POKER LAKE UNIT 25 BD #701H  |  
   |   |  |  |   | POKER LAKE UNIT 25 BD #703H   
  |  |   |  |   |  
  |   | POKER LAKE UNIT 25 BD #203H   |  |   |   
   |  |  | POKER LAKE UNIT 25 BD #202H  |  |   
  |  |  |   | POKER LAKE UNIT 20 BD #128H POKER LAKE UNIT 20 BD #705H POKER LAKE UNIT 21 BD #701H POKER LAKE UNIT 21 BD #701H POKER LAKE UNIT 21 BD #703H POKER LAKE UNIT 21 BD #903H POKER LAKE UNIT 20 BD #106H POKER LAKE UNIT 25 BD #104H  POKER LAKE UNIT 25 BD #104H POKER LAKE UNIT 25 BD #121H  POKER LAKE UNIT 25 BD #122H  POKER LAKE UNIT 25 BD #124H  POKER LAKE UNIT 25 BD #701H   |
|  | 0-015-45626 XTO PERMIAN OPERATING LLC.   | )-015-45627 XTO PERMIAN OPERATING LLC.   |  |  
   | J-015-45696 XTO PERMIAN OPERATING LLC.   | 0-015-45699 XTO PERMIAN OPERATING LLC.   | 0-015-45702 XTO PERMIAN OPERATING LLC.   | 0-015-45703 XTO PERMIAN OPERATING LLC.   |   
  |  |  | 0-015-45846 XTO PERMIAN OPERATING LLC.   |  |  
  |  |  | 0-015-45847 XTO PERMIAN OPERATING LLC.   |  |  
   |  |  | DOAS ASSES WES DESIGNATING U.S.  | 0-015-45850 XTO PERMIAN OPERATING LLC.   |   
  |  |   |  | D OAE AERES ATO DEDMINAL ODERATING LLC   | 0-015-45852 ATO PERIVIAN OPERATING LLC.   
  |  |  |  |  |                                    
   | 0-015-45853 XTO PERMIAN OPERATING LLC.   |  |  |  
   |  |  | D-015-45855 XTO PERMIAN OPERATING LLC.   |  |   
  |  |   |   | D-015-45859 XTO PERMIAN OPERATING LLC.   |  
   |   |  |  |   | 0-015-45860 XTO PERMIAN OPERATING LLC.  
  |  |   |  |   |  
  |   | 0-015-46232 XTO PERMIAN OPERATING LLC.  |  |   |   
   |  |  | 0-015-46242 XTO PERMIAN OPERATING U.C.   | SE-E ATO TENNIAN OF ENATING ELC.   |   
  |  |  |   | D-015-45827 XTO PERMIAN OPERATING LLC.  1015-4528 XTO PERMIAN OPERATING LLC.  1015-45298 XTO PERMIAN OPERATING LLC.  1015-45599 XTO PERMIAN OPERATING LLC.  1015-45703 XTO PERMIAN OPERATING LLC.  1015-45703 XTO PERMIAN OPERATING LLC.  1015-45704 XTO PERMIAN OPERATING LLC.  1015-45846 XTO PERMIAN OPERATING LLC.  1015-45847 XTO PERMIAN OPERATING LLC.  1015-45850 XTO PERMIAN OPERATING LLC.  1015-45853 XTO PERMIAN OPERATING LLC.  1015-45863 XTO PERMIAN OPERATING LLC.  |
| Part    | Second commonweal   Seco   | Section   Sect   | Part    | Marche   M | May   May  | Section   Sect | PRODUCTION CONTRIBUTE   PROD | PARTICULA OF PRIMAR OFFINAMO (1)   PARTICULA OFFI DE PRIMA   PARTICU | SQUIST PRIMAY OFFENDAM   CIV PRIMAY OFFEND | Part    | March   1,200   1,20 | March   1,200   1,20 | PRINTENDE NO. 1916 1916 1916 1916 1916 1916 1916 191   | Use 1   Color   Colo  | \$\$\$ \$4.00 \$\$\$ \$4.00 \$   | SECONOMINA COPERATIVO LICE   PROBES AND PROBREM COPERATIVO LICE   PROBREM COPERATIVO LICE   PROBREM COPERATIVO LICE   PROBLEM COPERATIVO LI | Process   Proc   | Fig. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  
  | Direct   Control   Direct   Control   Direct   Control   Direct   Control   Direct   Control   Direct   Control   Direct   Dire | 2013-45859 XTO PERMAN OPERATING LIC. POREFLARE UNIT 25 80 P122H 66 Active E-25-25-300 69/01/2013 1296 20102 [98220] PLRPE SAGE, WOLFCAMP [GAS] 69/01 M [98 | 2001-45850 XTO PERMAN OPERATING LLC 2001-45850 XTO PERMAN OPERATIN   | Prince   P | Production   Pro | Packer   P   | POLISTA CENTRE LAKE UNIT 25 8D #122H Gas Active E-25-55-30E O7/10/2019 1232D Z014D [98220] PURPLE SAGE, WOLFCAMP (GAS)   | 30 015-45852 YTO PERMAN OPERATING LLC POKER LAKE UNIT 25 8D #122H Gas Active \$ \$25-255-30C \$07/10/2019 \$1230 \$ 20140 \$ \$98220] PURPLE SAGE, WOLFCAMP (GAS)\$ \$ \$260 \$ \$188 \$ \$0 \$ \$0 \$ \$188 \$ \$0 \$ \$0 \$ \$188 \$ \$0 \$ \$0   | 30-015-45852 XTO PERMAN OPERATING ILC PORE LARE UNIT 25 8D #122H Gas Active 6-25-255-366 07/10/2019 1232 20140 [98220] PURPLE SAGE, WOLFCAMP (GAS) 669 V M Surface Casing 175-00 11480 1311 370 C intermediate Casing 187-00 1480 1311 370 C intermediate Casing 187-00 C intermediat | Production   Pro | Rememble    | Packer Production Casing Produ | Production Casing 6.00 4.500 20140 878 0 Tubing 1 600 4.500 20 | 30-15-45833 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #123H Gas Active F-25-255-30E 06/23/2019 1248 1974 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy M Surface Casing 12-50 (3.85 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 30-015-45833 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 80 #123H Gas Active F-25-255-30E 08/23/2019 12248 19747 [98220] PURPLE SAGE, WOLFCAMP (GAS)   
                                 | Referendance   Lasing   1250   328   323   327   0   07c   17c   17c   10c     | Production Cating R 279 700 100 100 100 100 100 100 100 100 100  | Packer   100   1   | Line*1   Color   Col | Tubing 1 6,00 2,875 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 3-0-15-45850 7TO PERMIAN OPERATING LLC PORE LAKE UNIT 25 BD #124H Gas Active F-25-255-30 07/20/2019 1245 2010 [98220] PURPLE SAGE, WOLFCAMP (GAS)  | Intermediate 2 casing 1,250 9,652 405 169 0 Crc Intermediate 2 casing 1,250 9,652 405 169 0 Crc Intermediate 2 casing 1,250 9,052 405 169 0 Crc Intermediate 2 casing 1,250 9,052 405 169 0 Crc Intermediate 2 casing 1,250 9,000 11487 1408 0 Crc Intermediate 2 casing 1,250 9,000 1079 0 Crc Intermediate 2 casing 1,250 9,000 0 Cr | Intermediate 2 Casing 8,700 7,000 1,147 1,408 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  
   | Packer 6.00 4.50 0 0 0 0 CIrc Production Casing 6.00 4.50 0 0 0 0 CIrc Production Casing 6.00 4.50 0 0 0 0 CIrc Production Casing 6.00 4.50 0 0 0 0 0 CIrc Production Casing 6.00 4.50 0 0 0 0 0 CIrc Production Casing 6.00 4.50 0 0 0 0 0 0 0 CIrc Production Casing 6.00 4.50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Production Casing 6.00 4.50 2.000 1079 0 Circ Tubing 6.00 4.500 0 Circ Tubing 6.00  | 3.015-45859 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #701H OII Active E-25-255-30 0/5/30/2019 11539 19394 [97814] WILDCAT G-015 52630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS, Production Casing 12,50 0/5/2019 11539 19394 [97814] WILDCAT G-015 52630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS, Production Casing 12,50 0/5/2019 11539 1940 [97814] WILDCAT G-015 52630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS, Bdd W. Production Casing 12,50 0/5/2019 1978 1978 1978 1978 1978 1978 1978 19  | 30-015-45859 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #701H OII Active E-25-255-30 0/2019 11539 19394 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS, Eddy NM Surface Casing Intermediate 1 Casing Intermediate I Casing Interm   | 30-015-45859 XTO PERMIAN OPERATING L.C. POKER LAKE UNIT 25 BD #701H Oil Active E-25-255-30E 05/30/2019 11539 19394 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS; Eddy NM Surface Casing 1.75.00 1.62.5 199. 1493 0 Circ Intermediate 1.63.ing 1.75.00 10683 90.9 0 Circ Production Casing 8.750 7.000 10683 90.9 0 Circ Production Casing 1.75.00 10.0 10.0 10.0 10.0 10.0 10.0 10.0  | Intermediate 1 Casing 12.50 9.625 3995 0 Circ Production Casing 12.50 9. | Production Casing 8,70 7,000 1683 999 0 Packer 6,000 4,500 0 0 0 0 Facker 6,000 4,500 1928 940 0 Circ Full inter 1 6,000 4,500 1928 940 0 Circ Full inter 1 6,000 4,500 1928 940 0 Circ Full inter 1 6,000 4,500 1928 940 0 Circ Full inter 1 6,000 4,500 1928 940 0 Circ Full inter 1 6,000 4,500 1928 940 0 Circ Full inter 1 6,000 4,500 1928 940 0 Circ Full inter 1 6,000 4,500 1928 940 0 Circ Full inter 1 6,000 4,500 1928 940 0 Circ Full inter 1 6,000 4,500 1 | Packer 6.00 4.500 0 0 0 0   1978   940 0   1978   940 0   1978   940 0   1978   940 0   1978   940 0   1978   940 0   1978   940 0   1978   940 0   1978   940 0   1978   940 0   1978   940 0   1978  
1978   1978 | Line 1 6.00 4.500 1928 940 0 Circ Tubing 1 6.00 4.500 1928 940 192 | Tubing 1 6.00 2.875 0 0 0  30-015-45860 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #703H Gas Active F-25-255-30E 07/25/2019 11335 19140 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy NM Surface Casing 1.250 9.625 3982 2522 0 Circ Intermediate 2 Casing 8.70 0.000 11572 1659 11510 Calc Packer 6.000 4.000 0 0 0  | 30-015-45860 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #703H Gas Active F-25-25S-30E 07/25/2019 11335 19140 [97814] WILDCAT G-015 52630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy NM Surface Casing 17.500 13.375 1137 1952 0 Circ Intermediate 1 Casing 12.550 9.655 3982 2522 0 Circ Intermediate 1 Casing 18.750 7.000 11572 1659 11510 Calc Packer 6.000 4.000 0 0 0   | Intermediate 1 Casing 12.250 9.625 3982 2522 0 Circ<br>Intermediate 2 Casing 8.70 0.00 1172 1659 11510 Calc<br>Packer 6,000 4.500 0 0 0 0  | Packer 6.000 4.500 0 0 0   
   |   | Production Casing 6.000 4.500 19130 1041 0 Circ  |   | 0-015-45863 XTO PERMIAN OPERATING LLC POKER LAKE UNIT 25 BD #901H Gas Active E-25-255-30E 09/09/2019 11568 1935 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS; Eddy N. M. Surface Casine 1 c.380 1 .375 1 .375 0 .0 Circ Internal Casine 1 c.380 1 .000    | O-015-45863 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #901H Gas Active F-25-255-30E 09/09/2019 11568 19355 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS; Eddy NM Surface Casing 1.30 13.37 5.0 0 Circ Intermediated 1.50 13.37 5.0 0 Circ Production Casing 8.75 0 7.00 12049 650 3221 Oth Unine 1 6.000 4.500 19355 157 0 Circ Production Casing 1.50 150 150 150 150 150 150 150 150 150 1  
  | Q-015-45863 XTO PERMIAN OPERATING LLC.   Q-026 Active   E-25-255-30   Q-09/09/2019   11568   19355   [97814] WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS)   Locating   L | Q-015-45863 XTO PERMIAN OPERATING LLC.   Q-056 Lake UNIT 25 BD #901H   Gas   Active   E-25-255-30   Q-9/Q-2019   11568   19355   [97814] WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS)   Liner 1   1.000 | O-015-45863 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #901H Gas Active E-25-55-30E 09/09/2019 11568 1935 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS) E-day No. More active and the mining a | O-015-45863 XTO PERMIAN OPERATING LLC POKER LAKE UNIT 25 BU #901H Gas Active E-25-55-30E 09/09/2019 11568 1935 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS)  | O-015-45863 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #901H Gas Active F-25-255-30E 09/09/2019 11568 1935 [97814] WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS)   | Delis 45863 XTO PERMIAN OPERATING LLC. POKE LAKE UNIT 25 BD #901H Gas Active E-25-255-30E 09/09/2019 11568 1935 [97814] WILDCAT G-015 \$2530010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy N M Surface Casing I 2.250 9.357 137 50 0 Circ Production Casing I 2.250 9.357 137 50 0 Circ Production Casing I 2.250 9.357 137 50 0 Circ Production Casing I 2.250 9.357 137 50 0 Circ Production Casing I 2.250 9.357 137 50 0 Circ Production Casing I 2.250 9.357 10 0 1 1935 137 50 0 Circ Production Casing I 2.250 9.357 10 0 0 0 1 1935 137 137 50 0 Circ Production Casing I 2.250 9.357 10 0 0 0 1 1935 137 10 0 0 0 1 1935 137 10 0 0 0 1 1935 137 10 0 0 0 1 1935 137 10 0 0 0 1 1935 137 10 0 0 0 1 1935 137 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Q-015-45863 XTO PERMIAN OPERATING LLC.   Q-056 LAKE UNIT 25 BD #901H   Gas   A-clive   E-25-255-30   09/09/2019   11568   19355  
19355   19   | 19-015-45863   70 PERMIAN OPERATING   10-015-45863   70 PERMIAN OPERATING   10-015-45863   70 PERMIAN OPERATING   10-015-45863   70 PERMIAN OPERATING   10-015-45864   70 PERMIAN OPER   | 0.015-45863 XTO PERMIAN OPERATING LIC.  0.051-45863 XTO PERMIAN OPERATING LIC.  0.051-45864 XTO PERMIAN OPERATING LIC.  0.051- | Oct   Seed   S | 0.154-5863 XTO PERMIAN OPERATING LIC.    OVER LAKE UNIT 25 BD #901H   Gas   Active   E-25-53-06 09/09/2019   1156   1355   1368   1350 09/09/2019   1156   1355   1368   1350 09/09/2019   1156   1356 09/09/2019   1156 09/09/2019   1156 09/09/2019   1156 09/09/2019   1156 09/09/2019   1156 09/09/2019   1156 09/09/2019   1156 09/09/2019   1156 09/09/2019   1156 09/09/2019   1156 09/09/2019   1156 09/09/2019   1156 09/09/2019   1156 09/09/2019   1156 09/09/2019   1156 09/09/2019   1156 09/09/2019   1156 09/09/2019   1156 09/09/2019   1156 09/09 | 0.015-45863 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #9091H Gas Active E-25-255-30E 0/09/2019 11568 19355 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS; Edity Intermediate L Clasing 12-50 discharge intermediate |  |
| Part    | Second   S   | Second    | Second Common processed   Second Common pr | Part    | Section   Sect | Part    | Section   Sect | PRINT OF PRINT NETWORK OF PRINT NETWOR | SQUITE SAME AND PROMAN OFFEATION   C.   C.   C.   C.   C.   C.   C.   C  | Contion   Cont | Part    | Part    | PRINTED NOT PRIN   | 120 - | Part    | SERIOR AND PREMARA COPERATING LCC   PARE LARG UNIT 28 00 950000   Core   Core | PRISE REPORT OF THE MANY OF TH | Pack      | PRINT   PRIN | PATE      | 20-01-4-5859 NO PERMAN OPENATING LLC PORER LAKE LIMIT 25 80 #123H Gs Active E-2-25-38E 09/01/2019 1239 2010 [88220] PLAPIE SAGE, WOLFCAMP (GAS) 659 NO STATE Centure 15-00 1178 120 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |  | Part    | Pokace   P   | 30-015-48852 XTO PERMAN OPERATING LC PORRELAZE UNIT 25 80 #12341 Gas Active E-25-25-300 07/10/2019 12320 20140 [9820] PURPLE SAGE, WOLFCAMP (GAS) Edw M. Serlace Casing 1.500
1.500  | 30 015 45852 XTO PERMIAN OPERATING LL OVER LAKE UNIT 25 80 H122H  | 19-01-4-5852 XTO PERMAN OPERATING LLC  PORER LAKE UNIT 25 8D #122H  Ges  Active  F 25-255-30E 07/10/2019 12320 20140  F 25-255-30E 06/23/2019 12248 19747  F 26-255-30E 06/23/2019 12248 19747  F 26 | Part    | PARTIN PA | Feder 6.00 4.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | POMER LAKE UNIT 25 80 #123H   Gas   Active   F-25-25-30E   66/23/2019   1248   1947   [9820] PURPLE SAGE, WOLFCAMP [GAS]   1948   1947   [9820] PURPLE SAGE, WOLFCAMP [GAS]   1948   1   | 30 015-45853 XTD PERMIAN DERATING LLC POKE LAKE UNIT 25 8D #123H Gs Active F-25-255-30  66/23/2019 1248 1974 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy More Production Casing 8.70  7.00  140  140  0   | 30-015-45853 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 8D #123H Gas Active F-25-255-30E 06/23/2019 1248 1974 [98220] PURPLE SAGE, WOLFCAMP (GAS)  Eddy NM Surface Casing 17.50 13.37 117 1741 0 Crc Intermediate 1 Casing 12.50 6.28 39.3 1837 0 Crc Production Casing Packer 6.00 4.50 0 0 0 0 Crc Packer 6.00 4.50 0 0 Crc Packer 6.00 4.50 0 0 Crc Packer 6.00 4.50 0 C | Memodial 1   1250   9628   3923   387   0   0   0   0   0   0   0   0   0  
   | Production Casing 8,750 700 1149 120 0 Cr Packer 600 4500 0 70 0 100 100 100 100 100 100 100 10  | Fig. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | Line 1   6,00   4,500   1,50 | 30-015-45855 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #124H Gas Active F-25-255-30E 07/20/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)    March   
                         | 30-15-45-855 TO PERMIAN OPERATING LC. PORE LAKE UNIT 25 BD #124H Gas Active F-25-255-30 07/20/2019 1245 2010 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy No. 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Intermediate 2 Casing 1,250 9,625 4056 169 0 Crc 1,424 100 1 1487 1408 0 Crc 1,425 100 1 140 140 140 140 140 140 140 140 1   | Intermediate 2 casing   Intermediate 3 casing   Intermediate 4 casing   Inte | Packer 6.00 4.50 0 0 0 0 0 Cre Production Casing 6.00 4.50 0 0 0 0 0 0 Cre Tubing 1 6.00 2.875 0 0 0 0 0 0 Cre Tubing 1 6.00 2.875 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Production Casing 6.00 4.50 0 2020 1079 0 Circ 1016 1 1016 | Tubing 1 6.00 0 Circ  Tubing 1 6.00 0 2.875 0 0 0 0  Active E-25-25-30 05/30/2019 11539 19394 [97814] WILDCAT G-015 52630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS) Edg W N Surface Casing 12.50 9.625 395 0.90 0  Intermediate 1 Casing 12.50 9.605 3995 0 0  Froduction casing 8.70 7.000 1083 99 0  Facker 6.00 4.500 19298 940 0  Liner 1 6.00 4.500 19298 940 0  Circ  Tubing 1 6.00 4.500 19298 940 0  Circ  Intermediate 1 Casing 1.50 5.00 1.375 1137 1920 0  Circ  Intermediate 1 Casing 8.750 7.000 11572 1659 11510 Calc  Packer 6.00 4.500 0 0  Circ  Intermediate 1 Casing 6.00 4.500 0 0  Circ  Intermediate 2 Casing 6.00 4.500 10 0  Circ  Intermediate 2 Casing 6.00 4. | Tubing 1 6,000 2,875 0 0 0 0  Active E-25-255-30E 05/30/2019 11539 19394 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS, Friedrick of the production Casing 17.500 1.83 19.0 Circ 18.0  | 30-015-45899 TO PERMIAN OPERATING LC. PORE LAKE UNIT 25 BD #701H OII Active E-25-525-30 B 0/30/2019 11539 13394 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS; Eddy N) Surface Casing 12.50 16.65 1090 1493 0 Grc Production Casing 12.50 16.65 1090 1495 0 Grc Production Casing 12.50 16.65 1090 1490 0 Grc Production Casing 12.50 1690 1490 0 Grc Production Casing 12.50 1490 0 Grc | Intermediate Lasing 12.50 9.625 395 2495 0 Grc Production Classing 12.50 9.625 395 24.50 9.625 39 | Production Casing 8.75 0 4.00 1083 99 0 Packer 6.00 4.00 1083 99 0 Packer 6.00 4.00 1083 99 0 Packer 6.00 4.00 109 0 Uner 1 6.00 4.50 109 0 0 Uner 1 6.00 4.50 10 109 0 Uner  | Packer 6,000 4,500 0 0 0 0 Uner 1 6,000 4,500 0 19298 940 0 Circ Uner 1 6,000 4,500 0 19298 940 0 Circ Uner 1 6,000 4,500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
0 0   | Liner 1 6,000 4,500 19328 940 0 Grc Tubing 1 6,000 4,575 0 0 0 Grc Tubing 1 6,000 4,575 0 0 0 0 Grc Tubing 1 6,000 4,575 0 0 0 0 Grc Tubing 1 6,000 4,575 0 0 0 0 Grc Tubing 1 6,000 4,575 0 0 0 0 Grc Tubing 1 6,000 4,575 0 0 0 0 Grc Tubing 1 6,000 4,575 0 0 0 0 Grc Tubing 1 6,000 4,575 0 0 0 0 Grc Tubing 1 6,000 4,575 0 0 0 0 Grc Tubing 1 6,000 4,575 0 0 0 0 Grc Tubing 1 6,000 4,500 1938 940 0 Grc Tubing 1 6,000 4,575 0 0 0 0 Grc Tubing 1 6,000 4,575 0 0 0 0 Grc Tubing 1 6,000 4,500 1938 940 19 | Tubing 1 6,00 2,875 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 30-015-45860 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #703H Gas Active F-25-255-30E 07/25/2019 11335 19140 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS, Eddy NM Surface Casine 1 Casine  | Intermediate 1 Casing 12.250 9.625 3982 2522 0 Circ Intermediate 2 Casing 8.70 7.000 11572 1659 11510 Calc Page 6.000 4.500 0 0 0 0 Production Casing 6.000 4.500 19130 1041 0 Circ  | Packer 6.000 4.500 0 0 0 Production Casing 6.000 4.500 19130 1041 0 Circ   | Production Casing 6.000 4.500 19130 1041 0 Circ  
  |  | Tubing 1 6.000 2.875 0 0 0  | Intermediate Lasing 12.59 0,625 387 1875 0 Grc Production Casing 8.79 0,625 387 1875 0 Grc Liner 1 6.000 4.30 12049 650 3221 Oth Uniter 1 6.000 4.30 12049 650 12049 650 12049 650 12049 650 12049 650 12049 650 12049 650 12049 650 12049 650 12049 650 12049 650 12049 650 12049 1    | Intermediate 1 Casing 12.25 9.052 3987 1875 0 Cr Production Casing  | Intermediate Lasing 12.50 9.635 3897 1875 0 Cr Production Casing 12.50 9.635 3897 1875 0 Circ Production Casing 12.50 9.635 3  | Intermediated Lasing 12.50 9.675 9872 1976 0 12.00 12. | Intermediate 1 Casing   12.50   9.65   387   1875   0.0  
0.0       | Intermediate Lasing 12.50 9.675 9.876 18.75 0.0 Circ Production Casing 18.75 19.00 12.049 6.050 32.1 Oth Liner 1 6.000 4.500 12.049 6.050 32.1 Oth Liner 1 6.000 4.500 12.049 6.000 12.049   | Intermediate 1 Casing 12.50 9.625 387 1875 0 Circ Production Casing 12.60 18.70 9.600 19.70 9.600 18.70 9.60 | Intermediate Lasing   12.50   0.675    | Intermediate 1 Casing   12.50   0.675   3987   1875   0.0   0.70   1.00   1.00   0.0   1.00   0.0   1.00   0.0   1.00   0.0    | Intermediate 1 Casing 12.50 9.675 9.876 12.0 Circ Production Casing 12.50 9.675 9.877 18.77 18.772
18.772 1 | Intermediat Lain   1.25   0.67   0.   | Intermediate   Casing   1.250   0.05 | Intermediate 1 Casing 1.250   9.625   387   1875   0   07c   | Intermedial Clasing 12.50   3.50       | 30-015-45863 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #901H   
  |
| Part    |  | Second Registration    | Section   Sect | Part    | Second   S | 1985    | Marche Confessor   Marche Conf | PRINTED   PRIN | STATE   STAT | Part    | Part    | Part    | Product   Prod   | Part     | **************************************   | SECONOMINA   PROPER MANY OFFER  | Production Control of the Production Control | Point   Poin   | Column   C | 10-14-4500 XTO PERMAN OPERATING LIC PORE LARE UNIT 25 80 H214H   | 10-01-4-5859 TO PERMAN OPERATING LIC PORE LAKE UNIT 25 80 R221M GH Active \$2.25-5.08 \$0,000 12300
12300 1230 | More modela Cause   2.00   307   385   0   Circ   100   100   0   0   0   0   0   0   0  | Intermediate   Police   Last Liver   Sample   Police   Last Liver   Sample   Sampl | Post      | ## Production Claims   Pro | 2015-45852 YTO PERMAN OPERATING L. POER LAKE UNIT 25 8D #122H GAS Active E-25-255-00 07/10/2019 1230 0140 [9820] PURPLE SAGE, WOLFCAMP [GAS]  | 19-015-45852 XTD PRMMAN OPERATING LIC. PORER LAKE UNIT 25 8D #122H Gis Active E-25-25-30E OF 710/7019 1233 20140 [9820] PURPLE SAGE, WOLFCAMP (GAS)  | Intermediat Lack   1.00   1. | Package   Pack   | PACE      | ### Production Casing 600 450 00 450 00 40 00 00 00 00 00 00 00 00 00 00 00   
  | 10-15-45833 XTO PERMIAN OPERATING LIC.  10-16-45835 XTO PERMIAN OPERATING LIC.  10-16- | 30-15-45853 XTD PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #123H Gas Active F-25-25-30E 06/23/2019 1224B 1974 [98220] PURPLE SAGE, WOLFCAMP (GAS)  | Intermediate 1   Inte   | PREVIOUS PREMIAN OPERATING LIC POKER LAKE UNIT 25 80 #210 M Active F.25-25-30 07/30/2019 1245 20210 [9820] PURPLE SAGE, WOLFCAMP (GAS) 1974 (PAS) 1974 (PA | Packer 6.00 4.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   |  | Tubing 1 600 2.875 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | 3-0-15-45-855 TO PERMIAN OPERATING LLC. PORE LAKE UNIT 25 BD #124H Gas Active F-25-25-30E 07/20/2019 1245 2021 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy N M Surface Casing 17:500 13:57 10:00 Circ Intermediate 1 Casing 12:00 9:05.75 10:00 0.0 Circ
Production Casing 6:00 4:00 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0   | Intermediate 2 casing 8.75 9.05 9.05 1487 1498 0 Cre    Intermediate 1 casing 12.50 9.05 1487 1498 0 Cre   Production Casing 0.00 1.05 1487 1498 0 Cre   Production Casing 0.00 1.05 1487 1498 0 Cre   Production Casing 0.00 1.05 0 Cre   Production  | Intermediate 2 Casing 8,700 7,000 1,148 1,408 0 1  | Packer 6.00 4.50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Production Casing 6.00 4.500 2.000 10.79 0 Circ 10.0000 10.0000 10.0000 10.0000 10.0000 10.0000 10.0 | Tubing 1   6,00   0   0   0   0   0   0   0   0   0  
   | 30-015-45859 XTO PERMIAN OPERATING L.C POKER LAKE UNIT 25 BD #701H OII Active E-25-255-30 B/30/2019 11539 19394 [97814] WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Edd William of the control of the cont   | 30-015-45859 XTO PERMIAN OPERATING L.C. POKER LAKE UNIT 25 BD #703H 0II Active E-25-255-30 B/30/2019 11539 13934 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS, Eddy N, Surface Casing 1, 20.5 0 1, 62.5 0 1905 1493 0 Grc Production Casing Production Casing Production Casing N, 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Intermediate 1 Casing 12.50 9.65% 3995 0 Gr Production Casing 12.50 9.65% 3995 0 Gr Pr | Production and Packer and Production and Packer and Production and Packer and | Packer 6.00 4.500 0 0 0 0   1928 940 0 Grc   1016 1   6.00 4.500 1   1928 940 0 Grc   1016 1   1016 1   102 | Liner 1 6.00 4.500 1928 940 0 CIrc Tubing 1 6.00 4.500 1928 940 0  | Tubing 1 6,000 2,875 0 0 0 0   1,275   | 30-015-45860 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #703H Gas Active F-25-255-30E 07/25/2019 11335 19140 [97814] WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS; Eddy NM Surface Casing 17.500 13.375 1137 1952 0 Circ Intermediate 2 Casing 8.750 7.000 11572 1659 11510 Calc Packer 6.000 4.500 0 0 0 Production Casing 6.000 4.500 1913 1041 0 Circ Tubing 1 6.000 4.500 0 0 0 Circ Tubing 1 6.000 4.500 0 0 0 0 Circ Tubing 1 6.000 4.500 0 0 0 0 0 Circ Tubing 1 6.000 4.500 0 0 0 0 0 Circ Tubing 1 6.000 4.500 0 0 0 0 Circ Tubing 1 6.000 4.500 0 0 0 0 0 Circ Tubing 1 6.000 4.500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Intermediate 1 Casing 12,50 5,50 38,2 52,2 0 Grc Intermediate 1 Casing 8,750 7,000 115,750 7,000 115,150 Calc Packer 6,000 4,500 0 0 0 Production Casing 6,000 4,500 19130 1041 0 Circ Intermediate 1 Casing 6,000 4,500 0 0 0 Production Casing 6,000 4,500 19130 1041 0 Circ Intermediate 1 Casing 6,000 4,500 0 0 0  
  | Packer         6.000         4.500           | Production Casing 6.000 4.500 19130 1041 0 Circ<br>Tubing 1 6.000 2.875 0 0 0   | Tubing 1 6.000 2.875 0 0 0   |   | Liner 1 6.000 4.500 19355 1575 0 Girc  Tubing 1 6.000 4.500 19355 1575 0 Girc  Tubing 1 6.000 0.2875 0 0 0 0 0  O-015-45864 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #903H Gas Active F-25-255-30E 07/09/2019 11562 19366 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS; Eddy MM Surface Casing 17.500 13.75 1116 1400 0 Girc  Intermediate 1 Casing 12.550 9,625 3999 1790 0 Girc  Production Casing 8.750 9,625 3999 1790 0 Girc  Packer 6.000 5.000 0 0 0  Packer 6.000 0.000 0 0 0  
  | Liner 1 6,000 4,500 1355 157 0 Grc Tubing 1 6,000 4,500 1305 157 0 0 Crc Tubing 1 6,000 4,500 1305 157 0 0 0  O-015-45864 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #903H Gas Active F-25-255-30 07/09/2019 11562 19366 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy NM Surface Casing 17,500 13,375 1116 1400 0 Grc Intermediate Lasing 12,250 7,000 11977 1255 0  Production Casing 8,750 7,000 11977 1255 0  Packer 6,000 5,500 0 0 0  Liner 1 6,000 4,500 13366 955 0  | Liner 1 6,000 4,500 19355 1575 0 Circ Tubing 1 6,000 4,500 19355 1575 10 Circ Tubing   | Liner 1 6,000 4,500 1935 157 0 Grc Tubing 1 6,000 4,500 1936 150 0 0 0 Tubing 1 6,000 4,500 1936 150 0 Tub | Line 1   6,00   4,500   1935   157   0   Circ   | Line 1   6,000   4,500   1935   1575   0   Circ   | Liner 1 6.00 4.500 1835 1875 0 Crc  Tubing 1 6.00 4.500 1835 1875 0 Crc  Reference 1 6.00 4.500 1835  | Liner 1 6,000 4,500 1935 1575 0 Circ Tubing 1 6,000 4,500 1935 1575 0 Circ Tubing 1 6,000 4,500 1935 1575 0 Circ Tubing 1 6,000 4,500 1936 1575 0  | Liner 1   6,000   4,500   19355   1575   0   Circ  | Line 1   6,000   4,500   19355   175   0   Circ   19355   175   0   Circ   19355   175   0   Circ   19355  
175   0   Circ   193555   193555   19355   | Line 1   6,000   4,500   1355   157   0   0   0   0   0   0   0   0   0  | Line 1   6,000   4,500   1,5 | Line 1 6.00 4.500 19355 1575 0 Gre    Line 1 6.00 4.500 19355 1575 0 Gre   Line 1 6.00 4.500 19355 1575 0 Gre   Line 1 6.00 6.00 4.500 19355 1575 0 Gre   Line 1 6.00 6.00 4.500 19355 1575 0 Gre   Line 1 6.00 6.00 4.500 19355 1575 0 Gre   Line 1 6.00 6.00 4.500 19355 1575 0 Gre   Line 1 6.00 6.00 4.500 19355 1575 0 Gre   Line 1 6.00 6.00 4.500 19355 1575 0 Gre   Line 1 6.00 6.00 4.500 19355 1575 0 Gre   Line 1 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.   | Liner 1   6,000   2,870   8,975   5,75   0   Circ  
  |  |
| Part    |  | Part      | The state of the continue of | Part    | Part    | Section   Post   Post | Part    | PRINTED   PRIN | Second  | Part    | March   Marc | March   Marc | PROBLEM CARE AND PERMANA OPERANDE LICE  1024-144507 XO PERMANAN OPERANDE LICE  1024-144507 XO PE | UNE 1 600 100 0 CT 1 | **************************************   | SUB-1-SERIAR MONTHAMMA OPHIANING LIKE   PORTHAMMA OPHIANING LIKE   PORTHA | Politic   Poli   | Fight 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | Color   Colo | 2013-4555 TO PERMAN OPERATING LE PORTE LARE UNIT 25 10 #211H Gs  | Active   C-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2   
   | Marriandical Caling   23.0   92.5   93.7   18.5   0   0   0   0   0   0   0   0   0  | Intermediate Case   1.5   1. | Packer Pa | ## POINT CASES XTO PERMIAN OPERATING LLC  **POINT LAKE UNIT 25 80 P122H  **GRIF LAKE UNIT 25 80  | 1001-45852 YTO PERMAN OPERATING LL PORE LAKE UNT 25 80 P122H Gas Active E-25-25-360 07/10/2019 12320 2040 [98220] PURPLE SAGE, WOLFCAMP (GAS) Edy M Suffice Category 1.00 120 0 CF Poderation Category 1.00 10 0 CF Poderation Category  | 10-015-45852 XTO PERMAN OPERATING LIC. PORE LARE UNIT 28 80 #122H Gas Active E-25-25-300 07/10/2019 12230 20140 [98220] PLIRPLE SAGE, WOLL/CAMP [GAS] Edity M. Surface Casing 1750 1375 1118 138 20 0 Cric Intermediate 2 Casing 8.70 7.000 1440 1311 370 0 F10 0 Cric Intermediate 2 Casing 8.70 7.000 1440 1311 370 0 F10 0 Cric Intermediate 2 Casing 8.70 7.000 1440 1311 370 0 F10 0  | Intermediate   | Intermediate   | Fig. 1 Fig. 1 Fig. 1 Fig. 2 Fi | 2015-45853 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #123H
Gas Active F-25-255-30E 06/23/2019 12248 19747 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy M Surface Casing 17-00 13.75 11.70 11. | 30-15-45-55-30 TO PERMIAN OPERATING LIC POMER LAME UNIT 25 BD #123H Gas Active F-25-25-30 G6/23/2019 1248 19747 [98220] PURPLE SAGE, WOLFCAMP [GAS) 19820] PURPLE SAGE, WOLFCAMP [GAS) 19820] PURPLE SAGE, WOLFCAMP [GAS] 19820] P | 10-01-4-5853 XTO PERMAN OPERATING LLC POKER LAKE UNIT 25 80 P123H Gas Active F-25-25-30E 06/23/2019 1248 19747 [9820] PURPLE SAGE, WOLFCAMP [GAS) Eddy M Surface Casing 15:00 13:75 117 174 0 0rc Production Casing 8:70 7000 11:00 10 0rc Production Casing 8:70 7000 11:00  | Intermediate   Lake UNIT 25 BD #703 H  | Poduction Casing 8,750 7,000 1149 1240 0 Cr Packer 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | Packer   P   | Une 1 6,000 6,205 0 70 70 70 70 70 70 70 70 70 70 70 70 7  | 0015-45855 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #124H Gs Active F-25-25-36 07/20/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/20/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/20/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/20/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/20/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/20/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/20/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/20/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/20/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/20/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/20/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/20/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/20/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/20/2019 1245
20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/20/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/20/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/20/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/25/2019 1235 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/25/2019 1235 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/25/2019 1235 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/25/2019 1235 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/25/2019 1235 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/25/2019 1235 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/25/2019 1235 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/25/2019 1235 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/25/2019 1235 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/25/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-25-36 07/25/2019 1245 20210 [9 | 30-015-48855 XTO PERMIAN OPERATING LLC. PORE LAKE UNIT 25 BB #124H Gas Active F-25-255-30 07/20/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  | Intermediate 1 2 5 6 17 5 9 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | Intermediate 2 Casing   1.6 column   1.6 c | Packer 6.00 4.50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Production Casing 6.00 4.50 0 2020 1079 0 Circ Tubing 1 6.00 4.50 0 2020 1079 0 Circ Tubing 1 6.00 4.50 0 2020 1079 0 Circ Tubing 1 6.00 0 4.50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | Tubing 1   6.00   Carry   Ca   | 30-015-45859 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #701H OII Active E-25-255-30E 05/30/2019 11539 19394 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS, Production Casing Not Pr   | 30-015-45899 XTO PERMIAN OPERATING LC. PORE LAKE UNIT 25 BB #701H OII Active E-25-55-3E 05/30/2019 11539 13394 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS; Edg W) IF A SUFface Casing I 2.05 0 3.05 3995 0 Gr Production Casing Production Casing I 2.05 0 3.095 0 Gr Production Casing I 2.05 0 Gr Production Casing I 2.0 | Intermediate Lasing 12.50 9.625 3995
2495 0 Grc Production Casing 12 | Production Caing 8,70 7,000 1083 99 0  | Packer 6,000 4,500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | Liner 1 6,000 4,500 193,28 940 0 Circ Tubing 1 6,000 4,500 193,20 0 0 Circ T | Tubing 1 6,00 2,875 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 30-015-45860 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #703H Gas Active F-25-255-30E 07/25/2019 11335 19140 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS, Eddy N.) Surface Casing 17.500 13.375 1137 1950 0 Grc Intermediate 12 casing 17.500 13.375 1137 1950 0 Grc Intermediate 12 casing 17.500 13.375 1137 1950 0 Grc Intermediate 2 casing 17.500 13.375 1137 1137 1950 0 Grc Intermediate 2 casing 17.500 13.375 1137 1950 0 Grc Intermediate 2 casing 17.500 13.375 1137 1950 0 Grc Intermediate 2 casing 17.500 13.375 1137 1950 0 Grc Intermediate 2 casing   | Intermediate 2 Casing 12.50 9.625 3882 2522 0 Grc Intermediate 2 Casing 8.750 9.655 3882 2522 0 Grc Intermediate 2 Casing 8.750 9.605 3882 2522 0 Grc Intermediate 2 Casing 8.750 9.605 3882 2522 0 Grc Intermediate 2 Casing 8.750 9.605 38.20 9.750
9.750  | Packer 6.00 4.50 0 0 0 0 Production Casing 6.00 4.50 0 0 0 Circ Packer 6.00 4.50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Production Casing 6.000 4.500 19130 1041 0 Circ Tubing 1 6.000 4.500 19130 1041 0 Circ Tubing 1 6.000 2.375 0 0 0 30-015-45863 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #901H Gas Active E-25-255-30E 09/09/2019 11568 19355 [97814] WILDCAT G-015 52630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS, Eddy MM Surface Casing 17500 1.375 137 550 0 Circ   | Tubing 1 6.000 2.875 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | 30-015-45863 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #901H Gas Active E-25-25S-30E 09/09/2019 11568 19355 [97814] WILDCAT G-015 S2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS; Eddy NM Surface Casing 17.500 13.375 1137 550 0 Circ  | Tuling 1 6.000 2.875 0 0 0  O-015-45864 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #903H Gas Active F-25-25S-30E 07/09/2019 11562 19366 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS Eddy NM Surface Casing 17.500 13.375 1116 1400 0 Circ Intermediate 1 Casing 12.250 3899 1790 0 Circ Production Casing 8.750 1.000 11977 1255 0  Packer 6.000 5.000 0 0 0 0   
   | Tubing 1 6,000 2,875 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | Tubing 1 6,000 2,875 0 0 0  O-015-45864 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #903H Gas Active F-25-255-30E 07/09/2019 11562 19366 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy NM Surface Casing 17-500 13.75 1116 1400 0 Circ Production Casing 8.75 0 10 0 Circ Production Casing 8.75 0 0 0 0 11977 1255 0 Packer Gas on the company of the company  | Tubing 1 6,00 2,875 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | O-015-45864 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #903H Gas Active F-25-255-30E 07/09/2019 11562 19366 [97814] WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS)   | O-015-48564 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #903H Gas Active F-25-25S-30E 07/09/2019 11562 19366 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy NM Surface Casing Intermediate 1 Casing In | Tubing 1 6.00 2.875 0 0 0 0  | DOIS-45864 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #903H Gas Active F-25-25S-30E 07/09/2019 11562 19366 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy NM Surface Casing 17.500 13.57 116 1400 0 Circ Intermediate 1 Casing 12.500 1.000 11977 1255 0 Circ Production Casing 12.500 1.000 11977 1255 0 Circ Production Casing 12.500 1.000 0 Circ Production Casing 12.500 1.000 11977 1255 0 Circ Production
Casing 12.500 1100 11977 1255 0 Circ Production Casing 12.500 11070 11977 1255 0 | Tubing 1 6.00 0 Crc  Tubing 1 6.00 0 SA75 0 0 0 Crc  Tubing 1 6.00 0 SA75 0 0 0 Crc  Tubing 1 6.00 0 SA75 0 0 0 Crc  Tubing 1 6.00 0 SA75 0 0 0 Crc  Tubing 1 6.00 0 SA75 0 0 0 Crc  Tubing 1 6.00 0 SA75 0 0 0 Crc  Tubing 1 6.00 0 SA75 0 0 0 Crc  Production Casing 8.75 0 1.16 1400 Crc  Production Casing 8.75 0 0 0 Crc  Production Casing 8.75 0 0 0 Crc  Production Casing 8.75 0 0 0 0 Crc  Uner 1 6.00 4.50 1336 595 0 0 0 0 0 Crc  Tubing 1 6.00 4.50 1336 595 0 0 0 0 0 Crc  Production Casing 8.75 0 0 0 0 Crc  Tubing 1 6.00 4.50 1336 595 0 0 0 0 Crc  Intermediate I Casing 1.65 0 6.00 5.00 1 0 Crc  Intermediate I Casing 1.65 0 8.65 0 0 0 Crc  Intermediate I Casing 1.65 0 8.65 0 0 0 Crc  Intermediate I Casing 1.65 0 8.65 0 0 0 Crc  Intermediate I Casing 1.65 0 8.65 0 0 0 0 Crc  Intermediate I Casing 1.65 0 8.65 0 0 0 Crc  Intermediate I Casing 1.65 0 8.65 0 0 0 0 Crc  Intermediate I Casing 1.65 0 8.65 0 0 0 0 Crc  Intermediate I Casing 1.65 0 8.65 0 0 0 0 Crc  Packer 7.87 5.50 0 0 0 0 Crc  Packer 7.87 5.50 0 2 283 6 0 0 Crc   | Value   1   1   1   1   1   1   1   1   1  | - Tubing 1 6,000 2,875 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Tubing 1   6,000   2,75   0   0   0   0   0   0   0   0   0  |   
  | Tuling 1 6.00 2.875 0 0 0 0   |  |
| Part    | Company of the property of t   | Company of the property of t   | Second continue of the conti | Part    | Part    | Part    | Part    | Second  | **************************************   | Part    | Part    | Part    | PRINTED TRANSPORT TO PROMATO P | Column   C  | Part    | Part    | PRISE PRESENTE PRESENTA PRESENTE PRESENTA PRESENTE PRESENTE PRESENTE PRESENTE PRESENTE PRESENTE PRESENTA PRESENTE PRESENTE PRESENTE PRESENTA PRESEN | Policy   P   | Second   S | 801-4650 XTO FEMMAN OFFEATING L.  805  | 2001-45803 XTO PERMAN OPERATING LLC  PORTE LARE UNIT 2 80 42211  Gist  Active  1-25-25-368 (9/12/2019 12396 2009-12396 20   | PART    | Intermediate Case   1.00   1.70   1 | PRISE 6 00 4 50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  
   | PROBLEM OF PRIME OF P | 10 1 4 5 5 5 5 5 5 6 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | 2001-45852 XTO PERMAN OPERATING LLC PORE LAKE UNIT 28 DE #22H Gas Active E-23-25-30E 07/12///2019 12320 20140 [8220] PURPLE SAGE, WCLFCAMP (GAS)   | Intermediatal Case   1,220   1,050   1,060   | Intermediate Class   Interme   | PACKET PORT LAKE UNIT 28 00 #2341  00 15-45833 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45833 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #2341  00 15-45835 XTO PRIMAN OPERATING LL. PORT LAKE UNIT 28 00 #23 | Policy   P   | 30 015-45853 XTO PERMIAN OPERATING IL.    OKER LANE UNIT 25 80 4123H   Gas   Active   F-25-255-300   06/23/2019   1248   1974   19747   198220] PURPLE SAGE, WOLFCAMP (GAS)   Edgy   M. Surface Casing   1.7500   1.375   1.170   1.070  
1.070   1.07 | 10-01-4-5853 XTO PERMAN OPERATING LIC. POER LAKE UNIT 25 BO #123H Gas Active F-25-25-30E 08/23/2019 1248 1947 [98220] PURPLE SAGE, WOLFCAMP (GAS)  | Intermediate Line   Intermediate Line   Intermediate Line   12   13   13   13   10   17   17   18   18   18   18   18   18   | Production Casing 8.70 1.400 1 | Packer   Pac | Line    | 1   1   1   1   1   1   1   1   1   1  | 3015-45855 TO PERMIAN OPERATING LIC PORE LAKE UNIT 25 BD #124H Gas Active F-25-25-30E 07/20/2019 1245 2010 [98220] PURPLE SAGE, WOLFCAMP (GAS) Edgy [N. Burlace Casing 1.5 0.0 13.75 13.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1  
   | Intermediate 1 Casing 18 79 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | Intermediate 2 Casing 8,750   7,000   1,087   1,088   0   1,000   1,000   0   0   0   0   0   0   0   0   0  | Packer 6.00 4.50 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Production Casing 6.00 4.00 2.000 10.79 0 Circ 10.000 10.000 10.79 0 Circ 10.0000 10.000 10.000 10.000 10.0000 10.0000 10.0000 10.0000 10.0000 10.0000 10.00 | Table 1 6.00 2.875 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  
  | 1   1   1   1   1   1   1   1   1   1   | 30-015-45863 XTO PERMIAN OPERATING LC. POER LAKE UNIT 25 BD #701H OII Active E-25-255-30  | Intermediate 1 Casing 12.50 9.675 3995 0 Grc Per Porduction Casing 12.50 9.675 3997 3995 0 Grc Per Porduction Casing 12.50 9.675 3997 3995 0 Grc Per Porduction Casing 12.50 9.675 3997 3995 0 Grc Per Porduction Casing 12.50 9.675 3997 3995 0 Grc Per Porduction Casing 12.50 9.675 3997 3995 0 Grc Per Porduction Casing 12.50 9.675 3997 3995 0 Grc Per Porduction Casing 12.50 9.675 3997 3995 0 Grc Per Porduction Casing 12.50 9.675 3997 3995 0 Grc Per Porduction Casing 12.50 9.675 3997 3995 0 Grc Per Porduction Casing 12.50 9.675 3997 3995 0 Grc Per Porduction Casing 12.50 9.675 3997 3995 0 Grc Per Porduction Casing 12.50 9.675 3997 3995 0 Grc Per Porduction Casing 12.50 9.675 3997 3995 0 Grc P | Production Casing 8,70   | Packer 6,000 4,500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   
  | Liner 1 6,000 4,500 1928 940 0 Grc 7tbling 1 6,0 | ## Tubing 1 6,00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | 30-015-45860 XTO PERMIAN OPERATING L.C. POKER LAKE UNIT 25 BD #703H Gas Active F-25-255-30E 07/25/2019 11335 19140 [97814] WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Body NM, Surface Casing 12.50 13.375 1137 1952 0 Girc Intermediate 1 Casing 12.50 9.625 3982 2522 0 Girc Intermediate 1 Casing 12.50 9.625 3982 2522 0 Girc Intermediate 1 Casing 12.50 9.625 3982 2522 0 Girc Intermediate 1 Casing 12.50 9.625 3982 2522 0 Girc Intermediate 1 Casing 12.50 9.625 3982 252   | Intermediate 2 Casing 12.25 9.675 3982 252 0 Circ Intermediate 2 Casing 12.25 9.675 3982 252 0 Circ Intermediate 2 Casing 12.25 9.675 3982 252 0 Circ Intermediate 2 Casing 12.25 9.675 3987 252 0 Circ Intermediate 2 Casing 12.25 9.675 3987 252 0 Circ Intermediate 2 Casing 12.25 9.675 3987 252 0 Circ Intermediate 2 Casing 12.25 9.675 3987 1875 0 Circ Intermediate | Packer 6.00 4.50 0 0 0 Creating and the control of  | Production Casing 6.000 4.500 19130 1041 0 Circ Tubing 1 6.000 2.875 0 0 0  30-015-45863 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #901H Gas Active E-25-25S-30E 09/09/2019 11568 19355 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS; Eddy NM Surface Casing 17.500 13.75 1137 5550 0 Circ Intermediate 1 Casing 12.250 9.625 3987 1875 0 Circ   | Tubing 1 6.00 2.875 0 0 0   
  | 30-015-45863 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #901H Gas Active E-25-255-30E 09/09/2019 11568 19355 [97814] WILDCAT G-015 S2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS; Eddy NM Surface Casing 17.500 13.375 1137 550 0 Circ Intermediate 1 Casing 12.250 9.625 3987 1875 0 Circ  | 0-015-45864 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #903H Gas Active F-25-255-30E 07/09/2019 11562 19366 [97814] WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS) Eddy NM Surface Casing 17.500 13.375 1116 1400 0 Circ Intermediate Lasing 12.250 7.00 15.00 1 | O-015-4864 XTO PERMIAN OPERATING LIC. POKEr LAKE UNIT 25 BD #903H Gas Active F-25-25S-30E 07/09/2019 11562 19366 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS; Eddy NM Surface Casing 17.500 13.375 1116 1400 0 Circ International Control of Cir | 15-00-15-4864 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #903H Gas Active F-25-255-30E 07/09/2019 11562 19366 [97814] WILDCAT G-015 52630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS; Eddy NM Surface Casing 12:50 13:375 1116 1400 0 Circ Intermediate L Casing 12:50 9.625 3999 1790 0 Circ Production Casing 8.750 7.000 11977 12:55 0 Packer 6.000 5.500 0 0 0 Liner 1 6.000 4.500 19366 595 0 Tubing 1 6.000 4.575 0 0 0 0  | 1905-45864 XTO PERMIAN OPERATING LIC.   POKER LAKE UNIT 25 BD #903H   Gas   Active   F-25-25S-30E   07/09/2019   11562   19366   [97814] WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS; Eddy NM   Surface Casing   17.50   12.520   13.375   11.6   1400   0   Circ   17.50   12.520   12.520   13.375   11.6   1400   0   Circ   17.50   12.520   13.375   11.6   1400   0   Circ   17.50   13.375  | 0-015-45864 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #903H Gas Active F-25-255-30E 07/09/2019 11562 19366 [97814] WILDCAT G-015 52630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS, Eddy NM Surface Casing 17.500 13.375 1116 1400 0 Circ Production Casing 8.750 7.000 11977 1255 0 Packer 6.000 4.500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0                                    
   | 0-015-45864 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #903H Gas Active F-25-25S-30E 07/09/2019 11562 19366 [97814] WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS)   | 0-015-45864 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #903H Gas Active F-25-255-30E 07/09/2019 11562 19366 [97814] WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Eddy N.M. Surface Casing 1.250 9.25 3999 1790 0 Circ Intermediate 1 Casing Production Casing 8.750 7.000 11977 1255 0 Production Casing Packer 6.000 5.500 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | Active F-25-25S-30E 07/09/2019 11562 19366 [97814] WILDCATG-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS)  | O-15-45864 XTO PERMIAN OPERATING LIC.   O-15   | Active F-25-255-30E 07/09/2019 11562 19366 [97814] WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS)   | O-015-45864 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #903H Gas Active
F-25-25S-30E 07/09/2019 11562 19366 [97814] WILDCAT G-015 \$25630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS; Eddy M Surface Casing 17.500 13.375 11.6 1400 0 Circ Internation Classing 8.750 1.750 13.375 11.9 1400 0 Circ Production Casing 8.750 1.750 13.375 11.9 1400 0 Circ Production Casing 8.750 1.750 13.375 11.9 1400 0 Circ Production Casing 8.750 1.750 13.375 11.9 1400 0 Circ Production Casing 8.750 1.750 | 1.500   1.545864   XTO PERMIAN OPERATING LIC.   POKER LAKE UNIT 25 BD #903H   Gas   Active   F-25-25S-30E   07/09/2019   11562   19366   [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS;   Eddy   NM   Surface Casing   1.750   1.375   1.150   1.000   0   Circ   Intermediate L Casing   1.750   1.375   1.375   1.150   1.000   0   Circ   Production Casing   8.750   7.000   1.197   1.255   0   0   0   0   0   0   0   0   0  | 0-015-45864 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #993H Gas Active F-25-25S-30E 07/09/2019 11562 19366 [97814] WILDCAT G-015 \$25630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS; Eddy M Surface Cassing 13.75 11.90 10.0 Circ Production Casing 8.76.0 5.50 10.0 0.0 Circ Production Casing 8.76.0 5.50 10.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0   | O-15-45864 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #903H Gas Active F-25-25S-30E 07/09/2019 11562 19366 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS)  |   
  |
| Part    | \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$   | Mathematical Continue of the   | Part    | Marie   Mari | Part    | 1961    | Part    | METHOD NATION  | Section   Sect | Section   Properties   Proper | Part    | Part    | PRISE AND PRIMAR OFFENNAN COPE NAME UNIT 250 FIGUR 1987   20   20   20   20   20   20   20   2   | Water   152   153   158   15  | STATE   STAT | PASS    | PRINTENDE PRINTE | Part      | 1972  
1972    | Part      | SOUTH-MAND OFFERMAND OFF     | Product   Prod | REPUBLISHED   REPUBLISH   REPUBLIS | Park      | Productor Care 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | 1001-45853 XTO PERMAN OPERATING LIC. PORE LAKE UNIT 25 80 P122H GR Active E 25-25-30E 07/10/2019 13229 23140 [98220] PURPLE SAGE, WCUFCAMP (GS) 69 P10991-1560 (19820) PURPLE SAGE, WCUFCAMP (GS) 69  | POSE   ASSES 200 PERMIAN OPERATING LLC   POSE   LAKE LINT 25 80 PIZZH   Gas   Active   E-25-25-30E 07/30/2019 1230   20140   B8220] PURPLE SAGE, WOLLFAMP (GAS)   Edy   Min   Sortice careage (Equip)   1200   1210   1200   1000   1100   1110   111   | Intermedial Care   12   12   13   13   13   13   13   13   | Remember   Part   Remember   Re   | Pack      | Productor Casing 1 color 1 col | 10-11-13-13-13-13-13-13-13-13-13-13-13-13-   | 1905-45893 XTO PERMAN OPERATING LLC   PORTR LAKE UNIT 25 8D #123H   Gas   Active   F-25-255-30E   06/23/2019   1248   1974   1974   1974   198220   PURPLE SAGE, WOLFCAMP (GAS)   1976   1200   13.75   1117   1741   0   Circ   Production Casing   8.750   7.000   1406   1200   0   Circ   Production Casing   8.750   7.000   1208  
1208   | Production case   Production   | Packer 6.00 6.00 1.498 7.00 1.49 1.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | PACE LAKE UNIT 25 BD #124H Gas Active F-25-255-30E 07/20/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-255-30E 07/20/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-255-30E 07/20/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-255-30E 07/20/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-255-30E 07/20/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-255-30E 07/20/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-255-30E 07/20/2019 1250 [98220] PURPLE SAGE, WOLFCAMP (GAS)  F-25-255-30E 07/20/2019 1150 [98220] PURPLE SAGE, WOLFCAMP | 18   18   18   18   18   18   18   18  | ## Parker    | 9.015-45855 XTO PERMIAN OPERATING LIC. POKER LAKE LINIT 25 BD #124H  | Intermediate   Casing   12.50   12.5   | Intermediate 2 casing 8,70  
  | Packer 6.00 4.500 00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Production Casing 6.00 4.850 2.00 1079 0 Circ 1256 30 1054 5859 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #701H Oil Active E-25-255-30E 05/30/2019 11539 19394 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP [GAS] Eddy M Surface Casing 17.500 13.625 1990 1493 0 Circ 1164 1164 1164 1164 1164 1164 1164 116  | Tubing 1 6.00 2.875 0 0 0 0 Circ 1981 00 01 Active E-25-255-30 05/30/2019 11539 19394 [97814] WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS)  | 100 15 -45859 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #701H OII Active E-25-255-30E 05/30/2019 11539 19394 [97814] WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Edg WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Edg WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Edg WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Edg WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Edg WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Edg WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Edg WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Edg WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Edg WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Edg WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Edg WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Edg WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Edg WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Edg WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Edg WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Edg WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Edg WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Edg WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Edg WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Edg WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Edg WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Edg WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Edg WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Edg WILDCAT G-015 \$2630010, BONE \$PRING;
[98220] PURPLE \$AGE, WOLFCAMP (GAS, E | Active   E-25-255-36   05/30/2019   1539      | Intermediate 1 Casing 12,50 9,625 3995 0 Gr Per Per Outcome Casing 12,50 9,625 3995 0 Gr Per Per Outcome Casing 12,50 9,625 3995 0 Gr Per Per Outcome Casing 12,50 9,625 3995 0 Gr Per Per Outcome Casing 12,50 9,625 3995 0 Gr Per Per Outcome Casing 12,50 9,625 3995 0 Gr Per Per Outcome Casing 12,50 9,625 3995 0 Gr Per Per Outcome Casing 12,50 9,625 3995 0 Gr Per Per Outcome Casing 12,50 9,625 3995 0 Gr Per Per Outcome Casing 12,50 9,625 3995 0 Gr Per Outcome Casing 12,50 9,625 3997 0 G | Production Casing 8.76 0 7.00 10683 99 0   | Packer 6,000 4,500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | Liner 1 6.00 4.500 15298 940 0 Grc 1700 1500 1500 1500 1500 1500 1500 1500   | Tubing 1 6,000 2,875 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   
   | Surface Casing   17.500   13.375   13.77   15.20   0 Grc   17.500   13.375   13.77   13.375   13.77   13.375   13.77   13.375   13.77   13.375   | Intermediate 1 Casing 12.50 9.675 3982 352 0 Gr Intermediate 1 Casing 12.50 9.675 3982 3982 352 0 Gr Intermediate 1 Casing 12.50 9.675 3982 3982 352 0 Gr Intermediate 1 Casing 12.50 9.675 3982 3982 352 0 Gr Intermediate 1 Casing 12.50 9.675 3982 3982 352 0 Gr Intermediate 1 Casing 12.50 9.675 3982 3982 352 0 Gr Intermediate 1 Casing 12.50 9.675 3982 3982 352 0 Gr Intermediate 1 Casing 12.50 9.675 3982 3982 352 0 Gr Intermediate 1 Casing 12.50 9.675 3982 3982 352 0 Gr Intermediate 1 Casing 12.50 9.675 3982 3982 352 0 Gr Intermediate 1 Casing 12.50 9.675 3982 3982 352 0 Gr Intermediate 1 Casing 12.50 9.675 3982 3982 352 0 Gr Intermediate 1 Casing 12.50 9.675 3982 3982 3982 3082 3982 3982 3982 3982 3982 3982 3982 39   | Packer 6.00 4.50 0 0 0   Packer 6.00 4.50 0 0   Packer 6.00 4.50 0   Pack | Production Casing 6.00 4.50 1913 1041 0 Circ Tubing 1 6.00 4.50 1913 1041 0 Circ Tubing 1 6.00 6.00 6.00 6.00 6.00 6.00 6.00 6.   | Tubing 1 6.00 0 0  | 00-015-45863 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #901H Gas Active E-25-255-30E 09/09/2019 11568 19355 [97814] WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS; Eddy NM Surface Casing 17.500 13.375 1137 550 0 Circ Intermediate 1 Casing 12.250 9.625 3987 1875 0 Circ Production Casing 8.750 7.000 12049 650 3221 ONL Liner 1 6.000 4.000 19355 1575 0 Circ  
   | Intermediate 1 Casing 12.250 9.625 3999 1790 0 Circ<br>Production 8.750 7.500 1197 1255 0<br>Packer 0.500 5.500 0 0 0 0   | Intermediate 1 Casing 12.250 9.625 3999 1790 0 Circ Production Casing 8.750 7.000 11977 1255 0 Packer 6.000 4.500 19366 595 0   | Intermediate 1 Casing 12.50 9.625 3999 1790 0 Circ Productor Claing 8.750 7.000 7.570 7.000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Intermediate 1 Casing 12.25 9.625 399 1790 0 Grc Production Casing 8.75 9.75 0 9.00 1970 12.55 0 9.00 1970 12.55 0 9.00 1970 12.55 0 9.00 1970 12.55 0 9.00 1970 12.55 0 9.00 1970 12.55 0 9.00 1970 12.55 0 9.00 1970 12.55 0 9.00 1970 12.55 1 | Intermediate Lasing 12.50 9.625 3999 1790 0 Circ Production Clarge 18.75 7.06 19.77 12.55 0 Circ Production Clarge 18.75 7.06 19.77 12.55 0 Packer As 19.75
19.75   | Intermediate Lasing 12.50 9.655 3999 1790 0 Crc Productive Lasing 12.50 9.655 399 1790 0 Crc Productive Lasing 12.50 9.655 399 1790 0 Crc Inter 1 6.000 4.501 19366 395 0 0 0  O-015-46-232 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #203H Gas Active F-25-255-30E 06/08/2019 11357 18772 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy M Surface Classing 1.550 11.570 3490 0 0 Crc   | Intermediate 1 Casing 12,50 9,625 399 1790 0 Crc Production Casing 8,750 7,000 11977 1255 0 Packer 6,000 15,000 0 0 0 Facker 6,000 15,000 0 0 0 0 Facker 6,000 15,000 0 0 0 0 Facker 6,000 15,000 1976 559 0 0 0 0 Facker 6,000 15,000 1976 559 0 0 0 0 Facker 6,000 15,000 1976 559 0 0 0 0 Facker 6,000 15,000 1976 559 0 0 0 0 0 Facker 6,000 15,000 1976 559 0 0 0 0 0 0 Facker 6,000 15,000 1976 559 0 0 0 0 0 0 Facker 6,000 15,000 1976 559 0 0 0 0 0 0 0 Facker 6,000 15,000 1976 1976 1976 1976 1976 1976 1976 1976   | Intermediate Lasing 12.50 9.65Z 3999 1790 0 Grc Production Casing 12.50 9.65Z 3999 1790 0 Grc Production Casing Producti | Intermediate Lasing 12.50 9.625 39.99 1790 0 Crc Production Casing 12.50 0 9.625 39.99 1790 0 Crc Production Casing 12.50 0 9.625 39.99 1790 0 Crc Production Casing 12.50 0 9.625 39.90 1790 0 Crc Production Casing 12.50 0 9.600 11977 12.55 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | Intermediate Lasing 12.50 9.675 3999 1790 0 Grc Production Casing 12.75 9.675 3.07 1.07 1.07 1.07 1.07 1.07 1.07 1.07 1  | Intermediate Casing   12.50   7.00  
7.00    | Intermediate Lasing   1.870   7.070   7.090  | Intermediate Lasing   12.50   5.00    | Intermediate Lasing   12,50   9,625   3999   1790   0   0   0   0   0   0   0   0   0   |  |
| March   Marc | Section   Properties   Proper   | No.    | Properties   Pro | Part    | Part    | Second Continue  | Part    | Marche   M | **************************************   | Section   Sect | Marie   Mari | Marie   Mari | PROBLEMENT OF PRIMAM OFFEN MANY OFFEN MANY OF PRIMAM OFFEN MANY OF | March   Marc  | September   Professor   Prof | P32-25-36E P707-PREMARE OPERATION  | Property of the property of    | PRINT   Column   Co   | Part    | Part      | Part        | Production Companies   Production Companies | Marchan   Marc | Pack      | ## Policy of Pol | 1001-45852 XTO PERMAN OPERATING LIC PORER LARE UNIT 25 80 \$1229   Active \$ \$25.255.00 \$0.7107,003 \$1220 \$2340 \$1220 \$2340 \$1920 \$1220 \$2340 \$1920 \$1220 \$2340 \$1920 \$1220 \$2340 \$1920 \$1220 \$2340 \$1920 \$1220 \$2340 \$1920 \$1220 \$2340 \$1920 \$1220 \$2340 \$1920 \$1220 \$2340 \$1920 \$122 | POISE ARE UNIT 2 RD RIZZY      | Intermedia   | Part      | Pocker   P   | Production Campage   Product   | 1001-45853 XTO PERMAN OPERATING LLC POER LAKE UNIT 25 80 #123H Gs Active F-25-255-300 60/33/2019 12248 1977 [98220] PURPLE SAGE, WOLFCAMP (GAS) 80/31 12375 1174 0 Circ Intermediate Licing 12.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0   
  | 1901-45853 NTO PERMIAN OPERATING LLC   POKER LAKE UNIT 25 BD #123H   Gas   Active   F-25-255-30E (06/28/2013) 1248   19747   [9820] PURPLE SAGE, WOLFCAMP (GAS)   Edity   Production Casing   R. P. Production Casing   R. Producti   | Production Case   Park   Production Case   Park     | PORE LAKE UNIT 25 BD #701H  Active  - 25-25-350 B 07/30/2019 1245   2021 B 19820   PURPLE SAGE, WOLFCAMP (GAS)   240 B 2010   270 B 201 | Packer 6.00 6.00 6.00 0.00 0.00 0.00 0.00 0.0  | Une 1   6,000   1978   73   1116   076   1118   076   1118   076   1118   076   1118   076   1118   076   1118   076   1118   076   1118   076   1118   076   1118   076   1118   076   1118   076   | 8-015-45855 XTO PERMIAN OPERATING LLC PORE LAKE UNIT 25 BD #124H Gas Active F-25-255-30E 07/20/2019 1245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy Mile Surface Calcular Intermediate Liciling In | 30-015-45855 XTO PERMIAN OPERATING LLC PORE LAKE UNIT 25 8D #124H Gas Active F-25-255-30E 07/20/2019 1245 2010 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy NI Surface Casing 17.500 13.75 100 7.03 0 Circ Intermediate 2 Casing 8.75 0.0 0.0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | Intermediat 2 Lists   1250   625   405   676     |
Rithermolitate 2 Casing 8,750  | Packer 600 450 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Production Casing 6.00 4.500 0.00 0.00 0.00 0.00 0.00 0.00   | Tubing 1 6.00 2.875 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | ## PACING PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #701H Oil Active E-25-255-30E 05/30/2019 11539 13394 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [89220] PURPLE SAGE, WOLFCAMP (GAS) Eddy M Surface Casing 1.7500 1.825 0.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0  
  | Active   E-25-255-30   G/30/2019   1139   1339   13394   [97814] WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PUPPLE \$AGE, WOLFCAMP (GAS   Edgy   NA Surface Casing   15.05   10.65   10.90  | Intermediate L Casing 12, 50 9, 625 3995 0 Circ Penduton Casing 12, 50 9, 625 3995 0 Circ Penduton Casing 12, 50 9, 625 3995 0 Circ Penduton Casing 12, 50 9, 625 3995 0 Circ Penduton Casing 12, 600 1, 630  | Production Casing 8.70 0, 7000 10838 99 0 1  | Packer 6.00 4.50 1928 940 0 CIrc 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | Line 1   6,000   4,500   1928   940   0   Circ   
   | Tubing 1 6,000 2,875 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | 30-015-45860 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #703H Gas Active F-25-255-30E 07/25/2019 11335 19140 [97814] WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS; Eddy N) Surface Casing intermediate \$1.250 9.13.75 1137 1952 0 Circ intermediate \$1.250 9.05 3982 2522 0 Circ intermediate \$1.250 9.05 3982 2520 0 Circ intermediate \$1.25 | Intermediate 1 Casing 12.50 9.65 3882 252 0 Grc Intermediate 1 Casing 12.50 9.65 3882 3882 32.50 9.65 3882 32. | Packer 6.00 4.500 0 0 0 Crc Production Casing 6.00 4.500 19130 1041 0 Crc Tubing 1 6.00 2.57 0 0 0 0 0 Crc Tubing 1 6.00 2.57 0 0 0 Crc Tubing 1 6.00 2.57 0 0 0 Crc  | Production Casing 6.00 4.500 19130 1041 0 Crc Tubing 1  Orc 10-015-45863 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #901H Gas Active E-25-255-30 09/09/2019 11568 19355 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS, Edgl NM Surface Casing Intermediate 1 Casing 12.50 1.375 1137 550 0 Crc Production Casing 6.000 4.500 18375 1137 550 0 Crc Production Casing 6.000 4.500 18375 1137 550 0 Crc Production Casing 1.500 1.375 1137 550 0 Crc Production Casing 1.500 1.5 | Tubing 1 6.00 2.875 0 0 0 0 Circ Active E-25-255-30 09/09/2019 11568 19355 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS, Edd M. Surface Casing 12.50 9.655 387 1375 0 Circ Intermediate 1 Casing 12.50 9.655 387 1875 0 Circ Production Casing 8.750 7.000 12.049 650 3221 Oth Liner 1 6.000 4.500 19355 1575 0 Circ Tubing 1 6.000 4.575 0 0 0 Circ Production Casing 8.750 7.000 12.049 650 3221 Oth Liner 1 6.000 4.575 0 0 Circ Production Casing 8.750 7.000 12.049 650 650 650 650 650 650 650 650 650 650   
   | ## F-25-255-30E 09/09/2019 11568 19355 [97814] WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Eddy NM Surface Classine 1 13.02 13.37 51.37 50 0 Circ Production Casing 8.75 7.000 12049 650 3221 Oth Liner 1 6.000 4.590 13955 157 0 0 Circ Production Casing 8.75 0 0 Circ Production Casing 8.75 0 Circ Production Casing 8.75 0 Circ Production Casing 8.75 0 0 Circ Production Casing 8.75 0 | Production Casing 8.750 7.000 11977 1255 0 Packer 6.000 5.500 0 0 0   | Production Casing     8.750     7.000     11977     1255     0       Packer     6.000     5.500     0     0     0       Inter 1     6.000     4.500     13366     595     0   | Production Casing     8,750     7,000     11977     1255     0       Packer     6,000     5,500     0     0     0       Liber 1     6,000     4,500     19366     595     0       Tubing 1     6,000     2,875     0     0  | Production Casing 8.750 7.000 11977 1255 0 Packer 6.00 5.00 0 0 0 Liner 1 6.000 4.500 19366 595 0 Liner 1 6.000 4.500 19366 595 0 University of the control  | Production Casing 8,75 7,000 1197 1255 0 Packer 6,000 5,500 0 0 0 0 Fulter 1 6,000 4,500 19366 595 0 Fuling 1 6,000 5,500 1 976 595 0 Fuling 1 6,000 5,500 1 976 595 0 Fuling 1 6,000 5,500 0 0 0 Fuling 1 6,000 5,500 0 0 0 Fuling 1 6,000 7,73 0 0 0 Fuling 1 6,000 7,73 0 0 0 Fuling 1 6,000 1,750 1,750 3,000 0 0 Fuling 1 6,000 1,750 1,750 3,000 0 0 Full Intermediate 1 Casing 14,750 1,750 3,490 0 0 0 Gric   | Production Casing 8,75 7,000 1197 1255 0 Packer 6,000 5,500 0 0 0 0 Fulter 1 6,000 4,500 19366 595 0 Fuling 1 6,000 5,500 1 977 1255 0 Fuling 1 6,000 4,500 19366 595 0 Fuling 1 6,000 5,500 0 0 0 Fuling 1 6,000 773 0 0 0 Full termediate 1 Casing 14,75 0 1,175 3,490 0 0 0 Gric  
   | Production Casing 8.79 7.000 1197 125 0 Packer 6 7.000 1297 0 Packer 6 7.000 1 Packer 6 7.0 | Production Casing 8,750 7,000 1197 1255 0 Packer 6,000 5,500 0 0 0 0 0 0 Full timer 1 6,000 5,500 1936 595 0 Full timer 1 6,000 5,500 1936 595 0 Full timer 1 6,000 1,500 1936 | Production Casing 8.750 7.000 1197 125 0 Packer 6.00 5.00 10 0 0 0 Packer 6.00 5.00 10 0 0 Packer 6.00 5.00 5.00 0 0 Packer 7.875 5.00 0 0 0 Packer 7.875 5.00 2836 0 0 0 Packer 7.875 | Production Casing 8.70 7.000 11977 1255 0 Packer 6.000 5.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | Production Casing 8.79 0 7.000 1197 125 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1  | Production Casing 8.70 7.000 1197 1255 0 PAcker 6.00 5.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | Production Casing 8.760 7.000 1197 1255 0 1  | Production Casing 8.70                                
   |  |
| March   Marc |  | Section   Sect   | 19-  | Part    | Part    | 1945-1951-1961-1961-1961-1961-1961-1961-196  | Part    | Part    | Second properties   Seco | Section   Sect | Part    | Part    | Product   Prod   | March   Marc  |  | PSS-259-80   PORT-PROMAN OPERATION   PORT-PROMAN OPE | Part      | PRINTER SOLUTION STATE SOLUTION STAT | Part    | March   Marc   | 0215-4850 NO PERMAN OPERATING LLC PORE LAKE UNIT 28 09 12191 Gis Asison Care Property of the Care Care Care Care Care Care Care Car  
   | Prince   P | Part    | Park Production Law P | Production Companies   |   | 0015-4582 XTO PERMAN OPERATING LIC. POLER LAKE UNIT 25 80 P122H Gis Active F12-25-30E 07/28/2091 1238 20140 [98220] PURPLE SAGE, WCM-CAMP (GAS) 605 2406 905 400 1248 0 CFC intermediate 2 Calling 8.70  | Intermedia   12   12   12   12   12   12   12   1  | PRINT   PRIN   | Packer   P   | Production Camer (a) 4.50 (b) 5.00 (c)  | POIS-45833 XIO PERMANA OPERATING ILL   PORE LAKE UNIT 25 8D #124H   Gas   Active   F-25-255-30E   06/23/2019   1248   1974   [98220] PURPLE SAGE, WOLFCAMP (GAS)   600   1.00   1.00   0.0   1.00   0.0      | 1901-45853 XTO PERMIAN OPERATING LIC.   PORER LAKE UNIT 25 80 #123H   6as   Active   F-25-25-306   66/23/2019   1248   1974   1974   19820] PURPLE SAGE, WOLFCAMP (GAS)   Eddy   MI   Surface Classing   17.50   0.0   1.00   0.0  
0.0    | Part      | Policy   P   | PAREL S PRIMA OPERATING LLC PORE LAKE UNIT 25 BD #124H GIS ACTIVE F-25-25-30E 07/20/2019 12245 20210 [98220] PURPLE SAGE, WOLFCAMP (GAS)   | Line 1   Color   1978 | 0.015-45855 XTO PERMIAN OPERATING LIC. POKE LAKE UNIT 25 BD #1224H Gas Active F-25-255-30E 07/25/2019 1245 20210 [88220] PURPLE SAGE, WOLFCAMP (GAS) Edy More intermediate 1 Cating intermediate 2 Cat | Q-015-45855 XTO PERMIAN OPERATING LLC   POKER LAKE UNIT 25 BD #124H   Gas   Active   F-25-255-30E   07/07/07019   1245   2010   [98220] PURPLE SAGE, WOLFCAMP (GAS)   Eddy   NI   Surface Casing   17.500   13.07   10.00   1.00   | Intermediat 2 Casin   1250   625   406   70   70   70   70   70   70   70  | Rithermolate   Casing 8,75   7,00   1487  
1487   | Packer   P | Production Casing 150  | Policy   P   | Decision   | O-15-45-859   TO PERMIAN OPERATING LLC.   O-15-45-859   TO PERMIAN OPE    | Intermediate Lasing 12.50 9.625 3995 0.0 Circ Penduton Casing 12.50 9.62 | Production Casing 8.70 0, 7000 10838 99 0 1  | Packer 6,000   4,500   0   0   0   0   0   0   0   0   0  | Line 1   6,000   4,500   1,502   1,500 
 1,500   1,5   | Tubing 1 6,000 2,875 0 0 0 0 Circ 1,45860 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #703H Gas Active F-25-255-30E 07/25/2019 11335 19140 [97814] WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, FRING; [98220] | O-15-45860 XTO PERMIAN OPERATING LLC.   O-16-45860 XTO PERMIAN OPERATING LLC.   O-16  | Intermediate Lasing 12.50 9.655 3882 522 0 Grc Intermediate Lasing 8.750 9.655 3882 522 0 Grc Intermediate Lasing 8.750 9.655 3887 5250 0 1572 1650 0  | Packer 6.00 4.500 0 0 0 Crc Production Casing 6.00 4.500 0 0 0 0 Crc Production Casing 6.00 4.500 0 19130 1041 0 Crc Tubing 1 6.00 0 2.507 0 0 0 0 Crc 10-015-45863 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #901H Gas Active E-25-255-30E 09/09/2019 11568 19355 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS; Eddy MX Surface Casing 1.25.00 13.375 1137 50 0 Circ Intermediate 1 Casing 1.25.00 16.00 1.25.00 12.00 10.00 | Production Casing 6.00 4.500 1913 1041 0 Crc Tubing 1 6.00 4.500 1913 1041 1041 1041 1041 1041 1041 1041 10   | Tubing 1 6.00 2.875 0 0 0 Circ No. 10-015-45863 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #901H Gas Active E-25-255-30 09/09/2019 11568 19355 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS, Edy N Surface Casing 12.50 9.655 3987 1875 0 Circ No. 10-015-45863 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #901H Gas Active E-25-255-30E 09/09/2019 11568 19355 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS, Edy N M. Surface Casing 12.50 9.655 3987 1875 0 Circ Production Casing 8.750 1.004 1 | O-015-45863 XTO PERMIAN OPERATING LLC.   POKER LAKE UNIT 25 BD #901H   Gas Active   E-25-255-30E   09/09/2019   11568   19355   197814  WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS, Eddy NM Surface Cassing 1.750.25   13.375   13.755   0 Circ   Production Cassing 8.750   7.000   12049   650   3221   Oth   Unler 1   6.000   4.500   19355   13.755   0 Circ      | Packer 6.000 5.500 0 0 0  | Packer 6.000 5.500 0 0 0 Uiner 1 6.000 4.500 19366 595 0   
  | Packer 6,000 5,500 0 0 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1  | Packer 6.000 5.500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Packer 6.000 5.500 0 0 0 Uner 1 6.000 5.500 0 0 0 Uner 1 6.000 5.500 0 0 0 Uner 1 6.000 4.500 19366 595 0 Uner 1 6.000 4.500  | Packer 6.000 5.500 0 0 0 Uner 1 6.000 5.500 0 0 0 Uner 1 6.000 5.500 0 0 0 Uner 1 6.000 4.500 19366 595 0 Uner 1 6.000 4.500  | Packer 6.000 5.500 0 0 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | Packer 6,000 5,500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   
   | Packer 6.000 5.500 0 0 0 19366 595 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | Packer 6.000 5.500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Packer 6.000 5.500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Packer 6.00 5.500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | Packer 6.000 5.500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  
  | Packer 6,000 5,500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 0-015-45864 XTO PERMIAN OPERATING LLC. PORER LAKE UNIT 25 BD #903H   |
| Part    | STATE OF PRINT OF PRINT   STATE OF PRINT   STATE OF PRINT OF PRI   | Second proper    | 1900 1900 1900 1900 1900 1900 1900 1900  | Part    | Part    | Section   Part   Part | Part    | The content of the  | Second command command   Post of the property of the propert | Part    | Part    | Part    | PRINT   PRINT OF PR   | Part     | Part    | PRINT   PRIN | Part      | PRIAME SEED NOT PROMAM OPPRATING LLC  PORT LARGE LART JS 60 PEZZH  GO S 100 PEZZH  PRIAME LART JS 60 PEZZH  GO S 100 PEZZH  PRIAME LART JS 60 PEZZH  GO S 100 PEZZH  PRIAME LART JS 60 PEZZH  REPRO PRIAME LART JS 60 PEZ | UP 1 60  | **************************************   | Post        | Second   S | Second  | Fig. 1 Propries from 1 Proprie | PROBLEM CONTRIBUTION OF TRAINAN OFFERATION LICE OF TRAINE WILL SEE PRIZE OF TRAIN OF | 100 -   | 0-01304502 XTD FERMAN OPERATING LIC PORE LAKE LINIT 25 80 F422H Gris PARS AND FERMAN OPERATING LIC PORE LAKE LINIT 25 80 F422H GRIS PARS AND FERMAN OPERATING LIC PORE LAKE LINIT 25 80 F422H GRIS PARS AND FERMAN OPERATING LIC PORE LAKE LINIT 25 80 F423H GRIS PARS AND FERMAN OPERATING LIC PORE LAKE LINIT 25 80 F423H GRIS PARS AND FERMAN OPERATING LIC PORE LAKE LINIT 25 80 F423H GRIS PARS AND FERMAN OPERATING LIC PORE LAKE LINIT 25 80 F423H GRIS PARS AND FERMAN OPERATING LIC PORE LAKE LINIT 25 80 F423H GRIS PARS AND FERMAN OPERATING LIC PORE LAKE LINIT 25 80 F423H GRIS PARS AND FERMAN OPERATING LIC PORE LAKE LINIT 25 80 F423H GRIS PARS AND FERMAN OPERATING LIC PORE LAKE LINIT 25 80 F423H GRIS PARS AND FERMAN OPERATING LIC PORE LAKE LINIT 25 80 F423H
GRIS PARS AND FERMAN OPERATING LIC PORE LAKE LINIT 25 80 F423H GRIS PARS AND FERMAN OPERAT   | Intermediat Caling   12-06   13-06   13-16   | Memmediate Zing   150    | Packer   P   | POIST AGE UNT 2 SO F123H Gas Active F25:25-300 G/23/2019 1248 1974 [98220] PURPL SAGL, WOLLCAMP [GAS) END ENDING SAGE, WOLLCAMP [GAS] END  | Policy   P   | 0.015-45853   XTO PERMAN OPERATING LC   PORR LAKE UNIT 25 80 P823H   Gas   Active   F-25-25-300   06/23/2019   1248   19747   [98220] PURPLE SAGE, WOLFCAMP [GAS)   Edity   Long to the membership of the company of t   | Intermediate List   L   | POMERIANG OPERATING LLC POMERIANG UNIT 25 80 9729H   | PACE      | 11   11   11   11   11   11   11   1  
  | Colo-45855 XTO PERMAN OPERATING ILL   OVER LAKE UNIT 25 BD #9124H   Gas   Active   F-25-255-30E   07/20/2019   1245   2010   [98220] PURPLE SAGE, WOLFCAMP (GAS)   Edge   WILL   MILL    | Q-05-45855 XTO PERMIAN OPERATING LLC   | Intermediate   Lising   1,250   9,625   42,66   1,79   0   0   0   0   0   0   0   0   0   | Intermediata 2 Casing   1.50   1.60 | Packer 6.00 4.00 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   
   | POME LAKE UNIT 25 BD #701H OIL Active 6-25-255-30E 05/30/2019 11539 13394 [97814] WILDCAT G-015 S2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy NU Surface Clasing 1-500 13-25 100 10-01 10- | Decision    | Note   1.50   | Active   F-2-25-30   G-30/30/2019   1539      | Intermediate 1 2 a 1 2 5 5 3 6 2 4 5 5 0 Circ Production Casing 1 2 5 5 0 9 6 5 3 9 5 2 4 5 5 0 Circ Production Casing 1 2 5 5 0 9 6 5 0 9 5 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Production casing 8.70  
  | Packer   P  | Liner 1 6.00 4.500 1928 940 0 Grz 10-015-45860 XTO PERMIAN OPERATING LIC.  10- | 1   1   1   1   1   1   1   1   1   1  | O-015-45860 XTO PERMIAN OPERATING LIC.   O-025-45860 XTO PERMIAN OPERATING L  | Intermediate 1 Casing   12.50   0.675   0.67   | Packer   P   | Production Casing 6.00 4.500 1913 104 0 Cre Tube 1.00 1.545863 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #901H Gas Active E-25-255-30 9/09/2019 11568 1935 1936 1935 1936 1936 1936 1936 1936 1936 1936 1936   | Tubing 1 6.00 2.875 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 0.015-45863 XTO PERMIAN OPERATING LLC.   POKER LAKE UNIT 25 BD #901H   Gas   Active   E-25-255-30E   09/09/2019   11568   19355   197814  WILDCAT G-015 \$2630010, BONE \$PRING; [98220] PURPLE \$AGE, WOLFCAMP (GAS; Eddy N   Surface Casing 1.750   13.375   113   750   0 Grc   Intermediate Line (1.750)   1.750
  1.750      |   | Liner 1 6.000 4.500 19366 595 0   | Liner 1 6.000 4.500 19366 595 0 Tubing 1 6.000 2.875 0 0 0  | Liner 1 6.000 4.500 19366 595 0  Tubing 1 6.000 4.500 19366 595 0  OOS-46232 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #203H Gas Active F-25-255-30E 06/08/2019 11357 18772 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy NM Surface Casing 18.500 16.000 773 0 0 Girc   | Uner 1 6.000 4.500 19366 595 0 Tubing 1 6.000 2.575 0 0 O-015-46232 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 8D #203H Gas Active F-25-255-30E 06/08/2019 11357 18772 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy NM Surface Casing 14.750 11.000 773 0 0 Circ Intermediate 1 Casing 14.750 11.750 3490 0 0 Circ  
  | Liner 1 6.000 4.500 19366 595 0  Tubing 1 6.000 4.500 19366 595 0  Tubing 1 6.000 2.875 0 0  O-015-46232 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #203H Gas Active F-25-25S-30E 06/08/2019 11357 18772 [98220] PURPLE SAGE, WOLFCAMP (GAS)  Eddy NM Surface Casing 14.750 11.000 773 0 0 Circ  Intermediate 1 Casing 14.750 11.750 3490 0 0 Circ  | Liner 1 6,000 4,500 19365 595 0  | Liner 1 6,000 4,500 1936 595 0  Tubing 1 6,000 2,505 0 0 0  Tubing 1 6,000 2,505 0 0 0  Tubing 1 6,000 2,505 0 0 0  Tubing 1 6,000 7,33 0 0 Girc  Intermediate 1 Casing 14,750 1,750 1,750 1,750 1,750 0 0 Girc  Intermediate 1 Casing 14,750 1,750 1,750 0 0 Girc  Intermediate 1 Casing 14,750 5,500 0 0 0 Girc  Intermediate 2 Casing 1,750 5,500 0 0 0 Girc  Intermediate 7 Casing 1,750 1,750 1,750 0 0 0 Girc  Intermediate 7 Casing 1,750 1,750 1,750 0 0 0 0 Girc  Intermediate 7 Casing 1,750 1,750 1,750 0 0 0 0 Girc  Intermediate 7 Casing 1,750 1,750 1,750 0 0 0 0 Girc  | Liner 1 6,000 4,500 19366 595 0  | Liner 1 6,000 4,500 1936 595 0  Tubing 1 6,000 4,500 1936 595 0  Tubing 1 6,000 4,500 1936 595 0  Tubing 1 6,000 7,73 0 0 Girc  Intermediate 1 Casing 14,70 1,70 1,70 1,70 1,70 1,70 1,70 1,70 1  
  | Liner 1 6,000 4,500 19366 95 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | Liner 1 6,000 4,500 1936 595 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1   | Liner 1 6,000 4,500 139,66 95 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | Liner 1 6,000 4,500 19366 95 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 10-015-45864 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #903H   
  |
| Part    | SCHELLEY PROPERTY OF THE PROPE | Seedly Reference of the Control of t | Part    | Part    | Part    | Part    | Part    | March  | SECONOMINA CONTINUENCY   CON | Part    | Part    | Part    | Part      | 100   | Part    | Separation   Sep | Position    | PRIAME TO STANDAM OFFERAMEN OFFERAME OF | Color   Colo | Part      | Part        | Property   Property  | September  | Policy (2015) Po | PRIME  |   | Section   Sect   | Part    | PRINTENDED   PRI   | PARTIN CARE AND TREMAN OPERATING LLC  OUTS-48893 XTO PERMAN OPERATING LLC  OUTS-48899 | PROBLEMEN OF PROBLEME | 015-4585 XTO PERMAN OPERATING LL.  O15-4585 XTO PERMAN OPERATING LL.  O15-4586 XTO PER | 0015-45805 XTO PERMIAN OPERATING LLC 0015-45805  |  
   | POSICH CASES AT DEMANA PERATING LC  OLIVE ASSESS AT DEMANA PERATIN | PACE OF THE PROPER OF THE PROPER OF THE PACE OF THE PA | STATE   STAT | 013-45855 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #124H  Gas  Active  F-25-255-30E  O7/80/2019  12245  D015-45865 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #124H  Gas  Active  F-25-255-30E  O7/80/2019  12245  D015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #124H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #703H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #703H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #703H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #703H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #703H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #703H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #703H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #703H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #703H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #703H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #703H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #703H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #703H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #703H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #703H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #703H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #703H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #703H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #703H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #703H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #703H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #703H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #703H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #703H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE UNIT 25 8D #703H  O015-45869 XTO PERMIAN OPERATING LIC.  POMER LAKE U | 0.015-45855 XTO PERMIAN OPERATING LLC  PORE LAKE UNIT 25 80 #124H  Gas  Active  F-25-25-30E  F-2 | Intermediate Law   Intermediat   | Intermediate   Casing R30 7000   1187   1488   | Packer Poduction Casing 1250 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Production Casing 6,000 4,500 20,000 1079 0 CFC Tubing 1 6,000 4,500 20,000 1079 0 CFC Tubing 1 6,000 2,875 0 0 0 0 CFC Tubing 1 6,000 2,875 0 0 0 0 CFC Tubing 1 6,000 2,875 0 0 0 0 CFC Tubing 1 6,000 2,875 0 0 0 0 CFC Tubing 1 6,000 2,875 0 0 0 0 CFC Tubing 1 6,000 2,875 0 0 0 0 CFC Tubing 1 6,000 2,875 0 0 0 0 CFC Tubing 1 6,000 2,875 0 0 0 0 CFC Tubing 1 6,000 2,875 0 0 0 0 0 CFC Tubing 1 6,000 2,875 0 0 0 0 0 CFC Tubing 1 6,000 2,875 0 0 0 0 0 0 CFC Tubing 1 6,000 2,875 0 0 0 0 0 0 CFC Tubing 1 6,000 2,875 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | OLIS-45859 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #7031H OLI Active E-25-255-30E 05/30/2019 11539 19394 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP [GAS] Edity ME SUrface clain intermediate 1 Casing 12-50 13-55 100 0 0 0 0 0 0 0 0 0 0
0 0 0 0 0 0 0   | 015-45859 XTO PERMIAN OPERATING LLC POKER LAKE UNIT 25 BD #701H OII Active 6-25-255-30E 05/30/2019 11539 19394 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS B40 Surface clain production Casing 8-750 0 1.05 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | 015-45859 XTO PERMIAN OPERATING LLC.    OXER LAKE UNIT 25 BD #7014   01   Active   E-25-530E 05/30/2019   1159   1394   1  | Intermediate 1 casing 1 2 5 0 6 5 0 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  | Production Casing 8.75 0.70.00 1083 999 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   
  | Packer 6.00 4.500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Liner 1 6,000 4,500 1928 940 0 Circ but the first 1 6,000 4,500 19 | Tubing 1   6,000   2,875   0   0   0   0   0   0   0   0   0   | 0-015-45860 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #703H Gas Active F-25-255-30E 07/25/2019 11335 19140 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS; Eddy M Surface Cassing 12.50 13.375 1137 1952 0 Grc Intermediate 2 Cassing 12.50 45.00 15.00  | Intermediate 1 Casing   12.50   0.675   0.982   0.922   0.0   0.75   0.082   0.982   0.0  
0.0   | Packer 6,000 4,500 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | Production Casing 6.00 4.500 19130 1041 0 Circ 106 106 106 106 107 106 107 107 107 107 107 107 107 107 107 107  |  | 0-015-45863 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #901H Gas Active E-25-25S-30E 09/09/2019 11568 19355 [97814] WILDCAT G-015 \$2630010, BONE SPRING; [98220] PURPLE SAGE, WOLFCAMP (GAS; Eddy NM Surface Casing 17.500 13.375 1137 550 0 Girc Intermediate I casing 17.500 13.375 1137 550 0 Girc Production Casing 8.750 7.000 1209 650 3221 0th Liner 1 6.000 4.500 19355 1575 0 Girc Tubing 1 6.000 4.500 1   |   |  
  | Tubing 1 6,000 2,875 0 0 0  | Tubing 1 6.000 2.875 0 0 0 0 0-015-46232 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #203H Gas Active F-25-255-30E 06/08/2019 11357 18772 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy NM Surface Casing 18.500 16.000 773 0 0 Circ   | Tubing 1 6.00 2.875 0 0 0  O-015-46232 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #203H Gas Active F-25-25S-30E 06/08/2019 11357 18772 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy M Surface Casing 18.50 16.000 773 0 0 Circ  Intermediate 1 Casing 14.750 11.750 3490 0 0 Circ   | Tubing 1 6.00 2.875 0 0 0  O-015-46232 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #203H Gas Active F-25-25S-30E 06/08/2019 11357 18772 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy M Surface Casing 18.50 16.000 773 0 0 Circ  Intermediate 1 Casing 14.750 11.750 3490 0 0 Circ   | - Tubing 1 6.00 2.875 0 0 0 - O-15-46232 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD ##203H Gas Active F-25-255-30E 06/08/2019 11357 18772 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy NM Surface Casing 18.50 16.000 73 3 0 0 Circ Intermediate 1 Casing 14.750 11.750
11.750 11 | Tubing 1 6.00 2.875 0 0 0  D-015-46232 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #203H Gas Active F-25-25S-30E 06/08/2019 11357 18772 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy NM Surface Casing 16.750 11.750 3490 0 0 Circ Intermediate 2 Casing 16.75 11.750 3490 0 0 Circ Intermediate 2 Casing 10.675 8.052 900 0 0 Circ Packer 7.875 5.00 0 0 0 0   | Tubing 1 6.00 2.875 0 0 0 Circ 1.546232 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #203H Gas Active F-25-255-30E 06/08/2019 11357 18772 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy NM Surface Casing 14.750 11.750 3490 0 0 Girc 1.546232 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #203H Gas Active F-25-255-30E 06/08/2019 11357 18772 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy NM Surface Casing 14.750 11.750 3490 0 0 Girc 1.546232 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #203H Gas Active F-25-255-30E 06/08/2019 11357 18772 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy NM Surface Casing 14.750 11.750 3490 0 0 Girc 1.546232 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #203H Gas Active F-25-255-30E 06/08/2019 11357 18772 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy NM Surface Casing 14.750 11.750 3490 0 0 Girc 1.546232 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #203H Gas Active F-25-255-30E 06/08/2019 11357 18772 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy NM Surface Casing 14.750 11.750 3490 0 0 Girc 1.546232 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #203H Gas Active F-25-255-30E 06/08/2019 11357 18772 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy NM Surface Casing 14.750 11.750 3490 0 0 Girc 1.546232 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #203H Gas Active F-25-255-30E 06/08/2019 11357 18772 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy NM Surface Casing 14.750 11.750 3490 0 0 Girc 1.546232 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #203H Gas Active F-25-255-30E 06/08/2019 11357 18772 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy NM Surface Casing 14.750 11.750 3490 0 0 Girc 1.546232 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #203H Gas Active F-25-255-30E 06/08/2019 11357 18772 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy NM Surface Casing 14.750 11.750 3490 0 0 Girc 1.546232 XTO PERMIAN OPERATING LIC. POKER LAKE UNIT 25 BD #203H Gas Active F-25-255-30E 06/08/2019 11357 18772 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy NM Surface Casing 14.750 11.750 3490 0 0 Girc 1.546232 XTO PERMIAN OPERATING LIC. | Tubing 1 6.00 2.875 0 0 0  O-015-46232 XTO PERMIAN OPERATING LLC. POKER LAKE UNIT 25 BD #203H Gas Active F-25-25S-30E 06/08/2019 11357 18772 [98220] PURPLE SAGE, WOLFCAMP (GAS) Eddy NM Surface Casing 16.750 15.00 773 0 0 Grc  Intermediate 1 Casing 16.75 15.00 3.890 0 0 Grc  Intermediate 2 Casing 10.675 8.625 960 0 0 Grc  Packer 7.875 5.00 0 0 0  Production Casing 7.875 5.500 22836 0 0 Grc  Tubing 1 7.875 2.570 0 0 0  | Tubing 1 6,000 2,875 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   | - Tubing 1 6,000 2,875 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0   
   | - Tubing 1 6,00 2,375 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0  |   | U-U15-45864 XTO PERMIAN OPERATING LLC. POREN LAKE UNIT 25 BD #903H   |

Pag	
e 245	
of 2	
7	

0-015-46253 XTO PERMIAN OPERATING LLC. POKER LAK		Gas	New	G-27-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)		NM							
0-015-46258 XTO PERMIAN OPERATING LLC. POKER LAN	(E UNIT 27 BD #167H	Gas	New	H-27-25S-30E 09/12/2020	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM	A Surface Casing Production Casing	14.750 6.750	11.750 5.500	1287 10972	940 1125	0	Circ Circ
0-015-46259 XTO PERMIAN OPERATING LLC. POKER LAW	(F LINIT 27 RD #158H	Gas	New	H-27-25S-30E	0	19947	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NA.	Surface Casing	14.750	11.750	1290	1060	0	Circ
7013 40235 XIO I EMININI OI EMININO EEE. TOKEN DA	C 01111 27 35 #13011	003	11011	11 27 233 302	•	25547	[SOLEGIT ON LE STOL, WOLLOWN (Gro)	Lucy			8.750	7.625	11247	1400	0	Circ
										Production Casing	6.750	5.500	0	0	0	
										Production Casing	6.750		19927	1130	10242	Theor
0-015-46262 XTO PERMIAN OPERATING LLC. POKER LAN	(E UNIT 27 BD #106H	Gas	New	H-27-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NN.	1						
0-015-46263 XTO PERMIAN OPERATING LLC. POKER LAN	(E UNIT 27 BD #107H	Gas	New	H-27-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy								
0-015-46436 XTO PERMIAN OPERATING LLC. POKER LAN	CE UNIT 27 BD #128H	Gas	New	H-27-25S-30E 09/11/2020	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NN	Intermediate 2 Casing	8.750	7.625	10577	1330	0	Circ
										Production Casing	6.750	5.500	0	0	0	
										Production Casing	6.750	5.000	19231	975	9620	Theor
0-015-47709 XTO PERMIAN OPERATING LLC. POKER LAN	(E UNIT 26 BD #125H	Gas	New	G-26-25S-30E 05/07/2021	11464	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NN	A Surface Casing	14.750	11.750	1030	835	0	Circ
										Intermediate 1 Casing	6.750	5.500	0	0	0	
										Production Casing	6.750	5.000	19268	920	0	Circ
0-015-47710 XTO PERMIAN OPERATING LLC. POKER LAK	(E UNIT 26 BD #124H	Gas	New	F-26-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NN	M Surface Casing	12.250	9.625	1015	675	0	Circ
0-015-47711 XTO PERMIAN OPERATING LLC. POKER LAW	(E UNIT 26 BD #123H	Gas	New	F-26-25S-30E 03/16/2021	. 0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NIV	A Production Casing	7.625	5.500	0	0	0	
										Production Casing	7.625	5.000	19350	2045	7765	Circ
D-015-47712 XTO PERMIAN OPERATING LLC. POKER LAN		Gas	New	E-26-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy								
0-015-47713 XTO PERMIAN OPERATING LLC. POKER LAN		Gas	New	E-26-25S-30E 05/30/2021		0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy		Surface Casing	11.750		10490	1310	0	Circ
0-015-47716 XTO PERMIAN OPERATING LLC. POKER LAN	(E UNIT 26 BD #105H	Gas	New	G-26-25S-30E 05/07/2021	. 0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM	Surface Casing	14.750	11.750	1035	835	0	Circ
										Intermediate 1 Casing	8.750	7.625	10410	885	0	Circ
										Surface Casing	6.750 6.750	5.500 5.000	0 17029	0 925	0 4970	
0-015-47717 XTO PERMIAN OPERATING LLC. POKER LAK	VE LINUT 26 DD #103H	Gas	New	F-26-25S-30E 03/15/2021	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Edd		Surface Casing  N Surface Casing	14.750	11.750	1035	730	0	Circ
0-015-47/17 ATO PERIVIAN OPERATING LLC. POKER LAN	E UNII 26 BD #103H	Gas	new	F-20-253-50E 05/15/2021	. 0	U	[98220] PURPLE SAGE, WOLFCANIP (GAS)	Eudy	IVIV		8.750	7.625	1033	1260	0	Circ
0-015-47718 XTO PERMIAN OPERATING LLC. POKER LAW	(F LINIT 26 RD #101H	Gas	New	E-26-25S-30E 06/01/2021	n	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	- NA	Surface Casing	14.750	11.750	1040	830	0	Circ
5 015 47710 XIOTEMBAR OF EIGHTRO EEC. TORER DA	C 01111 20 00 #10111	dus		2 20 255 502 00/01/2021		Ü	[SOLES] FOR LE STOL, WOLLOWN (O'D)	Ludy			8.750	7.625	10280	1310	0	Circ
0-015-47981 XTO PERMIAN OPERATING LLC. POKER LAW	CF LINIT 26 BD #128H	Gas	New	H-26-25S-30E 04/06/2021	11449	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	- NA		8.750	7.625	10618	1310	0	Circ
						-	()	,		Production Casing	6.750	5.500	0	0	ō	
										Production Casing	6.750	5.000	19295	1015	5550	Theory
IO-015-47983 XTO PERMIAN OPERATING LLC. POKER LAN	(E UNIT 26 BD #165H	Gas	New	G-26-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	- NA							
0-015-47984 XTO PERMIAN OPERATING LLC. POKER LAW	(E UNIT 26 BD #163H	Gas	New	F-26-25S-30E 03/17/2021	. 0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NN.	Surface Casing	14.750	11.750	1035	730	0	Circ
											8.750	7.625	10705	1284	0	Circ
										Production Casing	6.750	5.500	18413	1780	9090	
0-015-47985 XTO PERMIAN OPERATING LLC. POKER LAW	CE UNIT 26 BD #161H	Gas	New	E-26-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NN	И						
0-015-47988 XTO PERMIAN OPERATING LLC. POKER LAW	CE UNIT 26 BD #158H	Gas	New	H-26-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NN	Surface Casing	17.500	13.375	1027	670	0	Circ
0-015-47990 XTO PERMIAN OPERATING LLC. POKER LAN	(E UNIT 26 BD #154H	Gas	New	F-26-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NN	A Surface Casing	12.250	9.625	1031	675	0	Circ
0-015-47991 XTO PERMIAN OPERATING LLC. POKER LAN	(E UNIT 26 BD #152H	Gas	New	E-26-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM	4						
0-015-53240 XTO PERMIAN OPERATING LLC. POKER LAN	(E UNIT 20 8 BD #105H	Gas	New	K-20-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM	4						
0-015-53245 XTO PERMIAN OPERATING LLC. POKER LAK		Gas	New	J-20-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM	1						
0-015-53246 XTO PERMIAN OPERATING LLC. POKER LAK		Gas	New	J-20-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NN	1						
	(E UNIT 20 8 BD #125H	Gas	New	J-20-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)		NM							
	KE UNIT 20 8 BD #126H	Gas	New	J-20-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)		NM							
	KE UNIT 20 8 BD #164H	Gas	New	J-20-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)		NM							
0-015-53250 XTO PERMIAN OPERATING LLC. POKER LAN		Gas	New	J-20-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)		NM							
0-015-53251 XTO PERMIAN OPERATING LLC. POKER LAN		Gas	New	J-20-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)		NM							
0-015-53239 XTO PERMIAN OPERATING LLC. POKER LAN		Gas	New	K-20-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy								
0-015-53241 XTO PERMIAN OPERATING LLC. POKER LAN		Gas	New	K-20-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy								
0-015-53243 XTO PERMIAN OPERATING LLC. POKER LAK	(E UNII 20 8 BD #162H	Gas	New	K-20-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM	И						

API# Current Operator	Lease Name and Well Number	Well Type	e Status	Surf Location D	Date Drilled TD (TVDSS)	Total Depth (MD)	Current Production Pool	Count	v State	Casing	Hole Size	Casing Siz	e Set Dept	h Sx Ceme	nt Cement	op Method
30-015-04745 POCO Resources LLC	SUPERIOR STATE #001	Oil	Reclamation Fund Approved		08/25/1962 3808	3808	[13360] CORRAL CANYON, DELAWARE		NM	Cusing	HOIC SILC	cusing siz	с эстверс	ii ba ccinc	ine comene	ор писинов
30-015-04747 PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL #001	Oil	Plugged (site released)	M-09-25S-30E 0		0		Eddy	NM							
30-015-04755 PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL #001	Oil	Plugged (site released)	M-21-25S-30E 0		0		Eddy	NM							
30-015-04758 PRE-ONGARD WELL OPERATOR	PRE-ONGARD WELL#006	Oil	Plugged (site released)	D-21-25S-30E 0		0			NM							
30-015-10181 POCO Resources LLC 80-015-36635 XTO PERMIAN OPERATING LLC.	SUPERIOR STATE #002 POKER LAKE UNIT CVX JV PC #001H	Oil	Reclamation Fund Approved Active		02/27/1963 3763 09/29/2008 8226	3763 12740	[13360] CORRAL CANYON, DELAWARE [96403] WILDCAT, BONE SPRING; [97748] WILDCAT S253017P, BONE SPRING (GAS)	Eddy Eddy	NM NM		17.500	13.375	700	912		Circ
	PORER DAKE DINIT CVX JV PC #001H	OII	Active	P-17-233-30E 0	09/29/2006 6220	12740	[30403] WILDCAT, BONE SPRING, [37740] WILDCAT 3233017F, BONE SPRING (0A3)	Eddy	INIVI	Intermediate 1 Casing	12.250	9.625	3746	1520	0	CIIC
										Production Casing	8.750	5.500	12740	2300	4000	
										Tubing 1	8.750	2.875	0	0	0	
										Packer	8.750	0.000	0	0	0	
0-015-37077 POCO Resources LLC	GIANT SUPERIOR STATE #001	Oil	Active	H-08-25S-30E 0	06/25/2009 6000	6000	[13360] CORRAL CANYON, DELAWARE	Eddy	NM	Surface Casing	12.250	8.625	527	400	0	Circ
*										Production Casing Tubing 1	7.875 7.875	5.500 2.875	6000	2000	0	
0-015-37937 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT CVX JV PC #007H	Oil	Plugged (not released)	A-08-25S-30E 1	10/06/2010 8097	12700	[96238] CORRAL DRAW, BONE SPRING; [96403] WILDCAT, BONE SPRING	Eddy	NM	Surface Casing	17.500	13.375	700	1275	0	Circ
3										Intermediate 1 Casing	11.000	8.625	3772	2125	0	Circ
										Packer	7.875	5.500	0	0	0	
<b>b</b>										Production Casing	7.875	5.500	12700	1500	0	Circ
0-015-39508 XTO PERMIAN OPERATING LLC.	DOVED I AVE ON IN DC HOOSE	Oil	Temporary Abandonment	N 14 2EC 20E 1	10/26/2011 9213	13865	[97913] WILDCAT G-06 S253002O, BONE SPRING	Eddu	NM	Tubing 1 Surface Casing	7.875 17.500	2.875 13.375	1362	0	0	
U-015-39508 XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV BS #008H	OII	remporary Abandonment	N-14-255-3UE 1	10/26/2011 9213	13805	[9/913] WILDCAT G-06 52530020, BONE SPRING	Eddy	INIVI	Intermediate 1 Casing	11.000	8.625	4083	0	0	
										Production Casing	7.875	5.500	13865	0	0	
0-015-39693 XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV BS #011H	Oil	Active	C-22-25S-30E 0	02/29/2012 8449	13575	[96654] WILDCAT BIG SINK, BONE SPRING	Eddy	NM	Surface Casing	17.500	13.375	1163	0	30	
										Intermediate 1 Casing	11.000	8.625	3881	0	29	
										Production Casing	7.875	5.500	13575	0	0	
30-015-40396 BOPCO, L.P. 30-015-40580 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #375H POKER LAKE CVX JV RR #006H	Oil	Cancelled Temporary Abandonment	M-02-25S-30E	10/02/2012 8303	13090	[96209] CORRAL CANYON, DELAWARE, NORTHEAST [13354] CORRAL CANYON, BONE SPRING, SOUTH	Eddy	NM	Surface Casing	17.500	13.375	953	1450	0	Circ
30-013-90300 ATO PERIVIAN OPERATING LLC.	FOREIGE CAN JA ME HOODH	JII	remporary Abandonnent	D-Z1=Z33=3UE I	10/02/2012 0303	13030	[13334] COMME CANTON, BONE SPRING, 300 IT	Eddy	IVIVI	Intermediate 1 Casing	11.000	8.625	3700	1700	0	Circ
										Production Casing	7.875	5.500	13090	1900	0	Circ
										Tubing 1	7.875	2.875	0	0	0	
30-015-40763 XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV PB #005H	Oil	Active	C-22-25S-30E 1	12/01/2012 9086	13482	[96238] CORRAL DRAW, BONE SPRING	Eddy	NM	Surface Casing	17.500	13.375	1313	0	0	
										Intermediate 1 Casing	11.000	8.625	3970	0	0	
										Production Casing	7.875 7.875	5.500 2.875	13482	0	0	
30-015-40765 XTO PERMIAN OPERATING LLC.	DONED I WAS CAN IN BD HOUSE	Oil	Active	M-29-255-20E 1	12/29/2012 8937	13792	[13354] CORRAL CANYON, BONE SPRING, SOUTH	Eddy	NIM	Tubing 1 Surface Casing	17.500	13.375	1120	0	0	
50-015-40765 XTO PERIVINAN OF EIGHTING EEC.	POREN EARE CVX IV III #00011	Oii	Active	WI-20-233-30L 1	12/23/2012 8337	13732	[13334] COMME CANTON, BONE SPRING, 300TH	Ludy	IVIVI	Intermediate 1 Casing	11.000	8.625	3582	0	0	
										Production Casing	7.875	5.500	13792	0	0	
30-015-41037 BOPCO, L.P.	POKER LAKE UNIT #380H	Oil	Cancelled	L-10-25S-30E	0	0	[96209] CORRAL CANYON, DELAWARE, NORTHEAST		NM							
30-015-41056 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #422H	Oil	Active	I-18-25S-30E 0	08/31/2013 7460	15868	[13360] CORRAL CANYON, DELAWARE	Eddy	NM	Surface Casing	17.500	13.375	978	0	0	
										Intermediate 1 Casing	12.250 8.750	9.625 7.000	3615 7600	0	0	
										Intermediate 2 Casing Liner 1	6.125	4.500	7600	0	0	
										Tubing 1	6.125	2.875	0	0	0	
30-015-41185 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #387H	Oil	Active	D-18-25S-31E 1	10/04/2013 7720	15620	[50386] POKER LAKE, DELAWARE, SOUTH	Eddy	NM	Surface Casing	17.500	13.375	0	0	0	
										Intermediate 1 Casing	12.250	9.625	4130	0	0	
										Intermediate 2 Casing	8.750	7.000	8188	0	0	
	POKER LAKE UNIT #378H	Oil	Cancelled	C-10-25S-30E		0	Todaya Labari a sangar a sanga			Liner 1	6.125	4.500	0	0	0	
30-015-41196 BOPCO, L.P. 30-015-41554 XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV BS #021H	Oil	Active		0 08/08/2013 9285	14150	[96209] CORRAL CANYON, DELAWARE, NORTHEAST [97913] WILDCAT G-06 S253002O, BONE SPRING	Eddy	NM NM	Intermediate 1 Casing	11.000	8.625	4020	0	0	
50-015-41554 XTO PERIVINAN OF EIGHTING EEC.	FOREN EARE CVA IV BS #02111	Oii	Active	WI-13-233-30E 0	30/00/2013 3203	14130	[37313] WILDEN G-00 32330020, BONE SPRING	Ludy	IVIVI	Production Casing	7.875	5.500	14150	0	0	
										Tubing 1	7.875	2.875	0	0	0	
30-015-41598 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT CVX JV BS #024H	Oil	Active	M-01-25S-30E 1	12/25/2013 9344	14545	[97913] WILDCAT G-06 S253002O, BONE SPRING	Eddy	NM	Surface Casing	17.500	13.375	972	1085	0	Circ
										Intermediate 1 Casing	11.000	8.625	4028	1900	0	Circ
										Production Casing	7.875 7.875	5.500 2.375	14540	2200	2342	
30-015-41639 XTO PERMIAN OPERATING LLC.	POKER LAKE CVX IV BS #025H	Oil	Active	D-23-25S-30F 0	01/25/2014 9880	17120	[13354] CORRAL CANYON, BONE SPRING, SOUTH	Eddy	NM	Tubing 1 Surface Casing	17.500	13.375	1210	1100	0	Circ
50 015 41055 XIO I ENWINDER OF EIGHTING EEC.	TOKEN BIKE CVX 34 BS HOEST	011	reare	5 25 255 502 0	31,23,2014 3000	17120	(13334) COMME CHATCH, BOTH STAING, 300111	Ludy		Intermediate 1 Casing	12.250	9.625	3965	1850	0	Circ
										Intermediate 2 Casing	8.750	7.000	10089	870	0	Circ
										Production Casing	8.750	4.500	17115	0	0	Circ
										Tubing 1	4.500	2.875	0	0	0	
30-015-41648 BOPCO, L.P. 30-015-41693 XTO PERMIAN OPERATING LLC.	PLU BIG SINKS 24 25 30 USA #001 POKER LAKE CVX JV BS #022H	Oil	Plugged (site released) Active	M-13-25S-30E 0	09/07/2013 269 09/23/2013 9241	269 14363	[97814] WILDCAT G-015 S2630010, BONE SPRING [97814] WILDCAT G-015 S2630010, BONE SPRING	Eddy Eddy	NM	Surface Casing	17.500	13.375	1170	1348	0	Circ
SO 015 -1095 ATO FERMINAN OF ENATING LEC.	. O.C. DARE CVA JV 03 #022F	Jii	,c	···-13-233-30E U	22/23/2013 3241	1-303	[57027] WILDOW O 013 32030010, DONE SPRING	Zuuy	14141	Intermediate 1 Casing	11.000	8.625	3973	1900	0	Circ
										Production Casing	7.875	5.500	14333	1720	3758	
										Tubing 1	7.875	2.875	0	0	0	
30-015-42054 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT CVX JV RR #009H	Oil	Active	P-32-25S-30E 0	04/13/2014 10069	17306	[13354] CORRAL CANYON, BONE SPRING, SOUTH	Eddy	NM	Surface Casing	17.500	13.375	1069	995	0	Circ
										Intermediate 1 Casing Packer	11.000 7.875	8.625 5.500	3650 0	1330	0	Circ
										Production Casing	7.875	5.500	17295	0 1485	0	Circ
										Tubing 1	7.875	2.875	0	0	0	CIL
30-015-42158 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT CVX JV RR #010H	Oil	Active	P-17-25S-30E 0	07/16/2014 10152	17992	[13354] CORRAL CANYON, BONE SPRING, SOUTH; [96238] CORRAL DRAW, BONE SPRING	Eddy	NM					-	-	
30-015-42390 XTO PERMIAN OPERATING LLC.	POKER LAKE CVX JV PC COM #021H	Oil	Active		08/31/2014 10120	17202	[13354] CORRAL CANYON, BONE SPRING, SOUTH	Eddy		Surface Casing	17.500	13.375	1176	1305	0	Circ
										Intermediate 1 Casing	12.250	9.625	3734	1165	0	Circ
30-015-42470 XTO PERMIAN OPERATING LLC.	DOVED LAVE LIMIT "AFFIL	Oil	Active	122 250 205 -	10/14/2015 7557	14111	[E0306] DOVED LAVE DELAWARE COLITH	ea.	N14.7	Production Casing	8.750 17.500	5.500	17202	3455 1000	0	Circ
30-015-424/0 XTO PERMIAN OPERATING LLC.	PURER LAKE UNIT #455H	OII	Active	J-22-255-30E 1	10/14/2015 7557	14111	[50386] POKER LAKE, DELAWARE, SOUTH	Eddy	NM	Surface Casing Intermediate 1 Casing	17.500 12.250	13.375 9.625	1333 3917	1000	0	Circ Circ
										Production Casing	8.750	7.000	7784	850	0	Circ
I .										Liner 1	6.125	4.500	14111	0	0	
										Tubing 1	6.125	2.875	0	0	0	
	POKER LAKE LINIT #456H	Oil	Active	J-22-25S-30E 1	11/13/2014 7794	14181	[96047] POKER LAKE, DELAWARE, SOUTHWEST	Eddy	NM	Surface Casing	17.500	13.375	1337	1000	0	Circ
30-015-42574 XTO PERMIAN OPERATING LLC.	TORER DIRE OWN MASON									Intermediate 1 Casing	12.250	9.625	3877	1250	0	Circ
30-015-42574 XTO PERMIAN OPERATING LLC.	TOKEN BIKE ONT 14501															
30-015-42574 XTO PERMIAN OPERATING LLC.	TOKEN BIKE OINT #4501									Intermediate 2 Casing	8.750	7.000	7931	700	0	Circ
30-015-42574 XTO PERMIAN OPERATING LLC.	TOTAL STATE									Production Casing	6.125	4.500	7931 14170	700 0	0	Circ
30-015-42574 XTO PERMIAN OPERATING LLC.  30-015-43426 XTO PERMIAN OPERATING LLC.		Oil	Cancelled	D-21-25S-30E	0	0	[13354] CORRAL CANYON, BONE SPRING, SOUTH	Edrly	NM						0	Circ
	POKER LAKE UNIT CVX JV PC #027H POKER LAKE UNIT #475H	Oil	Cancelled Cancelled	D-21-25S-30E I-27-25S-30E D-21-25S-30E	0	0	[13354] CORRAL CANYON, BONE SPRING, SOUTH [98165] WC-015 G-04 S2530271, DELAWARE [13354] CORRAL CANYON, BONE SPRING, SOUTH	Eddy	NM NM	Production Casing	6.125	4.500			0 0	Circ

30-015-43489 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #483H	Oil	Cancelled	C-16-25S-30E	0	0	[96209] CORRAL CANYON, DELAWARE, NORTHEAST	Eddy	NM							
30-015-43491 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #484H	Oil	New		0	0	[96209] CORRAL CANYON, DELAWARE, NORTHEAST	Eddy	NM							
30-015-43511 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #482H	Oil	Cancelled		0	0	[96209] CORRAL CANYON, DELAWARE, NORTHEAST	Eddy	NM							
30-015-43541 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #485H	Oil	Cancelled	C-21-25S-30E	0	0	[96209] CORRAL CANYON, DELAWARE, NORTHEAST	Eddy	NM							
30-015-43623 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #464H	Gas	Active	P-17-25S-30E 05/01/2018	11227	22927	[96209] CORRAL CANYON, DELAWARE, NORTHEAST; [98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM	Surface Casing Intermediate 1 Casing Intermediate 2 Casing	17.500 12.250 8.750	13.375 9.625 7.000	992 8407 12698	900 3998 1334	0	Circ Circ Circ
										Production Casing	6.000	4.500	22907	1054	0	Circ
30-015-43651 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT #465H	Oil	Cancelled	P-17-25S-30E	0	0	[96209] CORRAL CANYON, DELAWARE, NORTHEAST	Eddy	NM							
30-015-45470 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 20 BD #108H	Gas	New		0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM							
0-015-45473 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 20 BD #707H	Oil	New		0	0	[13354] CORRAL CANYON, BONE SPRING, SOUTH	Eddy	NM							
0-015-45475 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 20 BD #907H	Oil	New	P-20-25S-30E	0	0	[13354] CORRAL CANYON, BONE SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM	Surface Casing Intermediate 1 Casing Production Casing	14.750 8.750 6.750	11.750 7.625 5.500	987 10243 21637	1060 880 980	0 0 10050	Circ Circ Oth
0-015-45476 XTO PERMIAN OPERATING LLC.	DOVED LAVE LIMIT 21 DD #102H	Gas	New	M-21-25S-30E 02/04/2020	0	0	[00220] DUDDLE CACE MOLECAND (CAC)	Eddu	NIA	Production Casing	6.750 14.750	5.000 11.750	21732 1022	980 1056	21637	Oth
50-015-45476 XTO PERIVIAIN OPERATING LLC.	POREN DAKE UNIT 21 BD #102H	Gds	New	WI-21-253-50E 02/04/2020	U	Ü	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	IVIVI	Surface Casing Intermediate 1 Casing Production Casing	10.625 7.875	8.625 5.500	11125 22457	2455 2831	0	Circ Circ Circ
30-015-45477 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 21 BD #901H	Oil	New	M-21-25S-30E 01/29/2020	0	0	[13354] CORRAL CANYON, BONE SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM	Surface Casing	14.750	11.750	1060	961	0	Circ
										Intermediate 1 Casing Production Casing	10.625 7.875	8.625 5.500	10509 21638	2297 2472	0	Circ Circ
30-015-45513 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 21 BD #121H	Gas	New	M-21-25S-30E 02/01/2020	0	21417	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM	Surface Casing Intermediate 1 Casing Production Casing	14.750 10.625 7.875	11.750 8.625 5.500	1055 10150 21407	971 1783 2688	843 0 0	Circ
30-015-45514 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 21 BD #123H	Gas	New	N-21-25S-30E 02/16/2020	n	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM	Surface Casing	17.500	13.375	1087	2020	0	Circ
55-015-45514 XTO FERMINIAN OF ERATING EEC.	FORCE DATE ONLY 21 BD #12511	Gas	New	N-21-233-30E 02/10/2020	U	Ü	[30220] FOR LE SAGE, WOLL CARR (UAS)	Ludy	14141	Intermediate 1 Casing Production Casing	12.250 8.500	9.625 5.500	10000 21368	4950 3225	0 5000	Circ Theory
30-015-45626 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 20 BD #127H	Gas	New	P-20-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM	Surface Casing Intermediate 1 Casing	14.750 8.750	11.750 7.625	983 9881	900 948	0	Circ Circ
										Production Casing Production Casing	6.750 6.750	5.500 5.000	0 21358	0 995	0 4760	Theory
30-015-45627 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 20 BD #128H	Gas	New	1 20 255 502	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)			Surface Casing	14.750	11.750	988	940	0	Circ
30-015-45696 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 21 BD #122H	Gas	New	M-21-25S-30E 02/03/2020	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM	Surface Casing Intermediate 1 Casing Production Casing	14.500 10.625 7.875	11.750 8.625 5.500	1065 10480 21620	1100 1409 1517	0 0 0	Circ Circ Circ
30-015-45699 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 21 BD #701H	Oil	New	M-21-25S-30E 01/27/2020	0	0	[13354] CORRAL CANYON, BONE SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM	Surface Casing Intermediate 1 Casing	14.750 10.625 7.875	11.750 8.625 5.500	1044 11071 22466	818 788 3430	0 0 0	Circ Circ Theory
30-015-45702 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 21 BD #703H	Oil	New	N-21-25S-30E 01/16/2020	0	21745	[13354] CORRAL CANYON, BONE SPRING, SOUTH; [98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM	Production Casing Surface Casing Intermediate 1 Casing	17.500 12.250	13.375 9.625	1006 11093	1756 4745	0	Circ Circ
30-015-45703 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 21 BD #903H	Oil	New	N-21-25S-30E 02/03/2020	0	0	[13354] CORRAL CANYON, BONE SPRING, SOUTH	Eddy	NM	Production Casing Surface Casing Intermediate 1 Casing	8.500 17.500 12.250	5.500 13.375 9.625	21733 1055 10014	4680 2081 4950	1578 0 0	Circ
										Production Casing	8.750	5.500	21678	4330	1793	Calc
30-015-47710 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 26 BD #124H	Gas	New	F-26-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM	Surface Casing	12.250	9.625	1015	675	0	Circ
30-015-47711 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 26 BD #123H	Gas	New	F-26-25S-30E 03/16/2021		0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM	Production Casing Production Casing	7.625 7.625	5.500 5.000	0 19350	0 2045	0 7765	Circ
30-015-47712 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 26 BD #122H	Gas	New		0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM	Surface Casing	11 750	9 7FA	10490	1210	0	Circ
30-015-47713 XTO PERMIAN OPERATING LLC. 30-015-47717 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 26 BD #121H POKER LAKE UNIT 26 BD #103H	Gas	New New	E-26-25S-30E 05/30/2021 F-26-25S-30E 03/15/2021		0	[98220] PURPLE SAGE, WOLFCAMP (GAS) [98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM	Surface Casing Surface Casing Intermediate 1 Casing	11.750 14.750 8.750	8.750 11.750 7.625	10490 1035 10411	730 1260	0	Circ Circ
30-015-47718 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 26 BD #101H	Gas	New	E-26-25S-30E 06/01/2021	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM	Surface Casing Intermediate 1 Casing	14.750 8.750	11.750 7.625	1040 10280	830 1310	0	Circ
30-015-47984 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 26 BD #163H	Gas	New	F-26-25S-30E 03/17/2021	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM	Surface Casing Intermediate 2 Casing Production Casing	14.750 8.750 6.750	11.750 7.625 5.500	1035 10705 18413	730 1284 1780	0 0 9090	Circ Circ
30-015-47985 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 26 BD #161H	Gas	New	E-26-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM							
30-015-47990 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 26 BD #154H	Gas	New		0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy		Surface Casing	12.250	9.625	1031	675	0	Circ
30-015-47991 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 26 BD #152H	Gas	New		0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy								
30-015-53240 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 20 8 BD #105H	Gas	New		0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM							
30-015-53245 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 20 8 BD #106H	Gas	New		0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy								
30-015-53246 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 20 8 BD #107H	Gas	New		0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM							
30-015-53247 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 20 8 BD #125H	Gas	New		0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM							
30-015-53248 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 20 8 BD #126H POKER LAKE UNIT 20 8 BD #164H	Gas	New New	J-20-25S-30E	0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy	NM NM							
30-015-53249 XTO PERMIAN OPERATING LLC. 30-015-53250 XTO PERMIAN OPERATING LLC.	POKER LAKE UNIT 20 8 BD #164H POKER LAKE UNIT 20 8 BD #165H	Gas	New New		0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy Eddy	NM							
	POKER LAKE UNIT 20 8 BD #165H	Gas	New		0	0	[98220] PURPLE SAGE, WOLFCAMP (GAS)  [98220] PURPLE SAGE, WOLFCAMP (GAS)	Eddy								
	LOVEL PAVE DIMIT SO 9 RD #10PH	Ud5	ivew	J=2U=233=3UE	U	U	[JOZZO] F ORFLE JAGE, WULFLAWIF (GAJ)									

#### **GOR Gas Allocation Protocol for CLGC Wells**

### **Scope of Application**

This methodology is tailored for individual CLGC wells. It activates post-storage event and concludes once the full volume of injected storage gas is accounted for. Subsequent to this phase, we revert to standard gas allocation procedures.

## **Methodology Overview**

During CLGC storage phases, we integrate gas flows from various sources into a single CLGC well. Post-event, the gas originating from a CLGC well comprises Gas Lift Gas, Native Gas, and Storage Gas Production—all sourced from the reservoir and collectively termed Reservoir Gas.

### **Calculation and Allocation**

- Continuous monitoring of Gas Lift Gas is mandated for each CLGC well.
- We employ a Gas-Oil-Ratio (GOR) analysis to segregate Native Gas, belonging to CLGC well proprietors, from Storage Gas Production, which is attributed to source well owners.
- Following a storage event, a Well Test Allocation Method is applied. This may entail interpolation of well test data to ensure a consistent accounting of gas production.

### **Selection Criteria for CLGC Injectors**

When choosing CLGC injector wells, we consider three factors for each well connected to our gas sales system:

- Native gas production rate (mscfd)
- Oil production rate (bbl/d)
- Flowing bottom hole pressure (FBHP), focusing on wells with lower pressures indicating depletion.

### **Impact on Oil Production**

Wells are evaluated using the Gas Reduced to Oil Ratio (GROR) to lessen the impact on oil output. The GROR is calculated by adding the native gas production rate to the proposed maximum storage gas rate, then dividing by the oil production rate. This ratio helps in prioritizing wells that can handle increased gas injections with minimal oil production interference.

### **GROR Calculation**

GROR = (Native gas rate + Storage gas rate) / Oil rate

Wells are sequenced based on their GROR until the removed gas volume exceeds the current reduction in gas removal capacity. This approach ensures a balanced selection of wells for injection, aimed at preserving overall production integrity.

This theoretical dataset below represents a modeled one-day gas storage event where:

- We injected 1,500 mscf of gas continuously over a full day.
- Immediately after the storage event, the well production was resumed.
- For clarity, we've condensed the data to show the first 18 days.

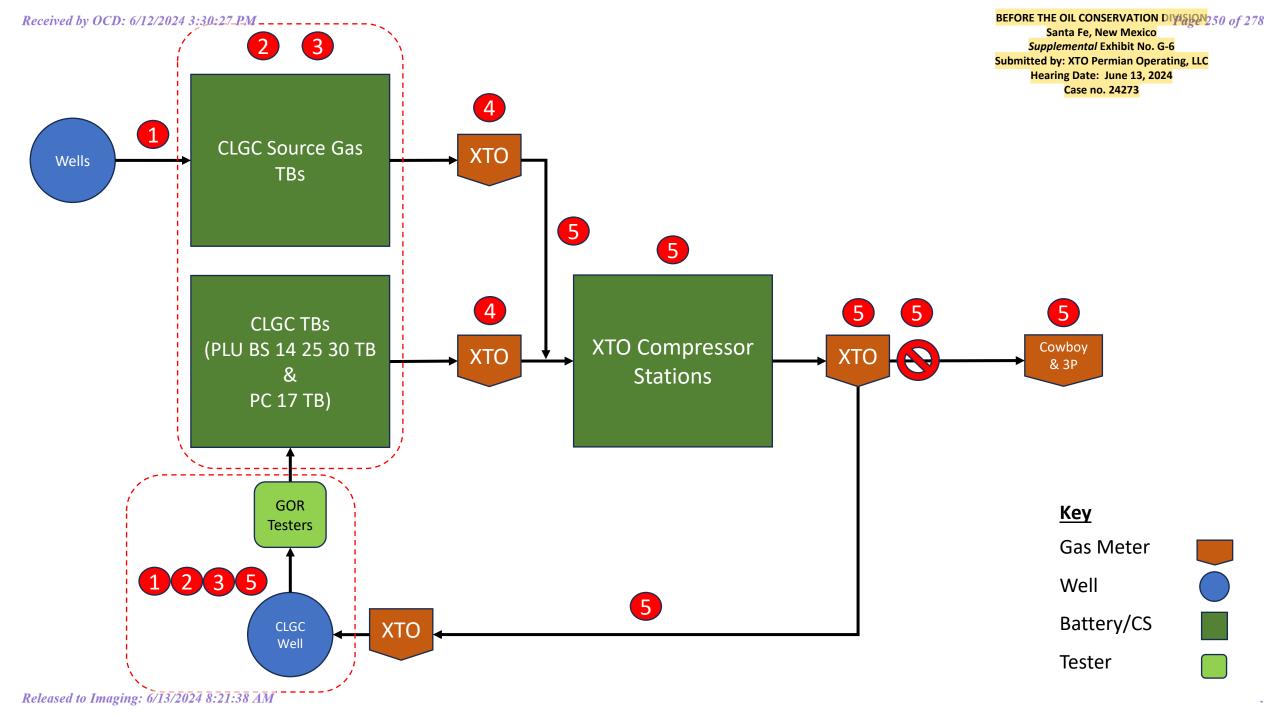
A	В	C	D	E	F	G	H	I	J	K
	Gas Well	Gas Lift Meter	Reservoir	Oil Well Test	Water Well	GOR Technical	Native Gas	Storage Gas Injection	Storage Gas	Inventory of Injected
	Test (meas.)	(meas.)	Gas (calc.)	(meas.)	Test (meas.)	Evaluation (meas.)	(calc.)	Meter (meas.)	Production (calc.)	Storage Gas (calc.)
Day	mscf/d	mscf/d	mscf/d	bbl/d	bbl/d	scf/bbl	mscf/d	mscf/d	mscf	mscf
-30	662	550	112	88	147	1,270	76	-	-	-
1	661	550	111	87	144	1,270	75	-	-	-
2		-	-				-	1,500	-	1,500
3	888	550	338	73	128	1,270	57	-	281	1,219
4	779	550	229	78	134	1,270	64	-	166	1,054
5	751	550	201	80	136	1,270	66	-	135	919
6	723	550	173	82	139	1,270	69	-	104	814
7	713	550	163	83	140	1,270	70	-	93	721
8	703	550	153	84	141	1,270	71	-	82	639
9	699	550	149	85	141	1,270	72	-	77	563
10	695	550	145	85	142	1,270	72	-	73	490
11	691	550	141	85	142	1,270	72	-	69	421
12	687	550	137	86	143	1,270	74	-	63	358
13	685	550	135	86	143	1,270	74	-	61	297
14	683	550	133	86	143	1,270	74	-	59	237
15	681	550	131	86	143	1,270	74	-	57	180
16	679	550	129	86	143	1,270	74	-	55	125
17	678	550	128	86	143	1,270	74	-	54	70
18	677	550	127	86	142	1,270	74	-	53	17

Column D Calculation: Column C - Column B

**Column H Calculation:** MIN (D,E\*G/1000): Minimum value calculated by taking the lower of column D or the product of columns E and G divided by 1000.

**Column J Calculation:** IF(K>0, D-H,0): If column K is greater than 0, subtract column H from column D; otherwise, the value is 0.

**Column K Calculation:** Column K\_PreviousRow – (I-J): Subtract column J from I subtracted from the previous row's value in column K.



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT
OIL CONSERVATION DIVISION

APPLICATION OF XTO PERMIAN OPERATING, LLC FOR A CLOSED LOOP GAS CAPTURE INJECTION PILOT PROJECT, EDDY COUNTY, NEW MEXICO.

**CASE NO. 24273** 

### SUPPLEMENTAL SELF-AFFIRMED STATEMENT OF OWEN J. HEHMEYER

1. My name is Owen J. Hehmeyer and I am employed by XTO Energy, Inc. ("XTO") as a reservoir engineer.

2. I am familiar with the application filed by XTO in this case and previously provided testimony in support of its approval in this proceeding. My credentials as an expert in reservoir engineering have been recognized and accepted as a matter of record by the Division.

3. This supplemental testimony addresses the potential for communication between the three proposed Avalon-landed CLGC wells and the lower portions of the Delaware Mountain Group, and also the potential for communication of the CLGC wells with other wells within the Bone Spring located within one-quarter mile of the ten proposed CLGC wells. My analysis and conclusions draw on field observation, mapping, geotechnical reasoning, and a detailed map and table of all wells within one-quarter mile of the CLGC wells.

# Potential for Avalon Communication with the Delaware Mountain Group

4. The proposed project includes ten proposed CLGC wells, of which three (POKER LAKE CVX JV RR 006H, POKER LAKE UNIT CVX JV PC 1H, and POKER LAKE CVX JV BS 011H) are completed within that upper portion of the Bone Spring commonly called the Avalon. In particular, Exhibit B of the Application at Page 20 (page

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Supplemental Exhibit No. H
Submitted by: XTO Permian Operating, LLC
Hearing Date: June 13, 2024
Case no. 24273

Released to Imaging: 6/13/2024 8:21:38 AM

63 of the Hearing Exhibit package) shows that it is possible, under one particular stress and completion scenario, for the hydraulic fracture to grow from the Avalon, through the Bone Spring Limestone, and into the lower 150 feet or so of the bottommost portion of the Brushy Canyon member of the Delaware Mountain Group (DMG). If this hydraulic fracture really existed in nature, could it present a significant communication risk, a pathway for the significant and permanent loss of injection gas from the Avalon to the DMG? Based on field experience, hydraulic fracture model evidence, field evidence of production phase volumes and ratios, and the geomechanics at the proposed injection pressure, it is highly unlikely that there is a significant communication risk.

# Experience and Model Evidence

Fundamentally, this is because sand is much denser than water and can be counted on to reliably lose its short-lived fight against gravity. Through extensive fiber optic and pressure gauge array measurements in Texas and New Mexico, some of which I was directly involved in, I have learned that it is ordinary to crack more than a thousand feet of rock laterally from the well, commonly called "wetted xf" for half length, and ordinary to crack many hundreds of feet of rock vertically up from the well, commonly called "wetted height." Surface pressure gauge monitoring shows the same. Engineering judgement suggests it most economic to drill wells at two times the propped xf, which would recover the maximum hydrocarbon with the least waste. And I observe in the Permian Basin that most wells are drilled at 660 to 1320 feet apart within the same bench. Based on this empirical data, it is reasonable to surmise that propped xf is approximately half that length, or about 330 to 660 feet. If this was not close to the true propped xf,

operators would quickly learn through production volume observation to space the wells closer or farther apart. Those observations and years of production data confirm the propped xf is only a fraction of the wetted xf.

- 6. Vertically, in multi-bench plays, it is the same story. It is common to see the vertically stacked "rows" of development several hundred feet apart across target benches. Based on these observations, supported by production data, operators have learned that wells cannot drain 600 or 800 feet of vertical rock; if they did drain that much rock, operators would drill their wells much farther apart vertically than they currently do. In my cumulative experience, propped fracture dimensions (both xf and height) are only about one-quarter to one-half of the wetted dimensions, with higher propped fractions in plane than out of it, due to gravity.
- 7. XTO's hydraulic fracture model suggests the <u>wetted</u> height is up to 1050 feet high for the 400 pounds of sand per foot case. In all likelihood, and based on my experience, analysis, and understanding of the engineering, the propped height is only about one-quarter to one-half of the wetted height, or about 263 to 525 feet high. This puts the propped fracture height for the proposed Avalon CLGC wells below the Bone Spring Limestone that serves as a barrier to communication with the DMG.
- 8. Another way to interpret the model is to examine the aperture width of the fracture and compare it to the size of a sand grain. In the model shown at Exhibit B of the Application Page 23 (page 63 of the Hearing Exhibit package), the hotter the color, the wider the aperture, and the cooler the color, the narrower the aperture. Of course, the wetted fracture cannot be propped unless it is at least as wide as a single grain of sand. Commonly though, specialists in this area use the width of three sand grains, in this case

about 0.04 of an inch, to define the cutoff. Applying that cutoff, the propped fracture height in this case is 450 to 500 feet, well aligned with observed experience, and below the Bone Spring Limestone that serves as a barrier to communication with the DMG.

Area phase volumes and ratios

Table 1, below, shows the cumulative to date phase (gas, oil, and water) 9. volumes for the three Avalon wells proposed for CLGC injection and four nearby Brushy Canyon wells. The most telling difference is the total volumes. The Brushy wells make millions of barrels of fluid (mostly water) and the Avalon wells have made just a few hundred thousand barrels of fluid. The GORs of the Avalon wells (13.6 to 27.6) are much higher than the GORs of the Brushy wells (2.1 to 4.1). Finally, the Avalon wells in the project area all show WORs in a tight range of 5.5 to 7.1 (Table 1), highly consistent, regardless of completion size, suggesting they are not in communication with the more conventional Brushy Canyon, which shows both lower and higher ratios, not the consistency provided by the more unconventional Avalon. The volumes and ratios all point to a fundamental difference - the Brushy wells have a conventional reservoir production profile (high volumes, low GOR) and the Avalon wells have an unconventional reservoir production profile (lower volumes, high GOR). The reservoirs are plainly, obviously different; if an Avalon well's hydraulic fracture was propped into the Brushy Canyon, its production volumes and ratios would be markedly different than they actually are. These distinct values strongly suggest that the Bone Spring Limestone barrier separating the Avalon from the DMG remains intact.

Interval	Cum. Gas	Cum. Oil	Cum. Water	Cum.	Cum.
	(kcf)	(bbl)	(bbl)	WOR	GOR
Avalon	219,175	7,938	51,639	6.5	27.6
Lower Avalon	550,962	19,801	141,421	7.1	27.8
Avalon	177,502	13,022	72,143	5.5	13.6
Brushy Canyon	264,837	64,838	711,633	11.0	4.1
Brushy Canyon	972,091	229,605	979,611	4.3	4.2
Brushy Canyon	1,476,190	701,136	3,076,266	4.4	2.1
Brushy Canyon	2,053,561	397,455	1,318,114	3.3	5.2
	Avalon  Lower Avalon  Avalon  Brushy Canyon  Brushy Canyon  Brushy Canyon	(kef)       Avalon     219,175       Lower Avalon     550,962       Avalon     177,502       Brushy Canyon     264,837       Brushy Canyon     972,091       Brushy Canyon     1,476,190	(kef)         (bbl)           Avalon         219,175         7,938           Lower Avalon         550,962         19,801           Avalon         177,502         13,022           Brushy Canyon         264,837         64,838           Brushy Canyon         972,091         229,605           Brushy Canyon         1,476,190         701,136	(kcf)         (bbl)         (bbl)           Avalon         219,175         7,938         51,639           Lower Avalon         550,962         19,801         141,421           Avalon         177,502         13,022         72,143           Brushy Canyon         264,837         64,838         711,633           Brushy Canyon         972,091         229,605         979,611           Brushy Canyon         1,476,190         701,136         3,076,266	(kcf)         (bbl)         (bbl)         WOR           Avalon         219,175         7,938         51,639         6.5           Lower Avalon         550,962         19,801         141,421         7.1           Avalon         177,502         13,022         72,143         5.5           Brushy Canyon         264,837         64,838         711,633         11.0           Brushy Canyon         972,091         229,605         979,611         4.3           Brushy Canyon         1,476,190         701,136         3,076,266         4.4

Table 1. Comparison of cumulative lifetime volumes and ratios for CLGC Avalon wells vs. nearby DMG (Brushy Canyon) wells.

#### Geomechanics

10. Finally, the proposed MASP is 1250 psi. If the wetted fracture really did reach into the DMG, it could not reopen by the proposed injection pressure of 1250 psi. In order to reopen the fracture, the pressure must exceed the minimum stress. The minimum stress for the Avalon wells is in the range of 5440 to 5490 psi per the best available estimates, which are based on leakoff test data and validated drilling events (see Table 2). During injection, the column of fluid in the well is gas, and therefore the bottomhole pressure cannot exceed the minimum stress with a surface MASP of 1250 psi.

t I		Top of	Bottom			Minum
F B		Тор	of Top of			Stress
1		Confinin	Confinin			Best
\$ \$	Target Storage	g Layer	g Layer	Top Perf	Top Perf	Estimate
Well Name	Bench	(MD)	(MD)	(MD ft)	(TVD ft)	(PSI)
Poker Lake CVX JV BS 011H	Avalon Lower	7791	7936	8,363	8,328	5480
Poker Lake CVX JV BS 021H	BSPG2 UPPER 1	8566	8791	9,180	9,118	6260
Poker Lake CVX JV BS 022H	BSPG2 UPPER 1	8646	8871	9358	9,201	6350
Poker Lake CVX JV PB 005H	BSPG2 UPPER 1	8646	8712	9,274	9,084	6220
Poker Lake CVX JV PC Com 021H	BSPG3 LOWER	9652	10121	10,432	10,147	7470
Poker Lake Unit CVX JV BS 008H	BSPG2 UPPER 2	9210	9410	9,748	9,215	6460
Poker Lake Unit CVX JV BS 025H	BSPG2 LOWER	9195	9516	10,286	9,942	7290
Poker Lake Unit CVX JV PC 001H	Avalon Lower	7570	7700	8,513	8,281	5440
Poker Lake Unit CVX JV RR 006H	Avalon Lower	7570	7729	8,528	8,348	5490
Poker Lake Unit CVX JV RR 010H	BSPG3 LOWER	9651	10082	10,494	10,192	7550

Table 2. Best estimate of minimum stress for CLGC wells.

- 11. In conclusion, the available experience, models, production phase volume observations, and proposed limitations on injection pressure all suggest the risk of communication between the three Avalon wells (or other Bone Spring wells) and the DMG is remote.
- 12. Nonetheless, because this is a pilot project, it will be instructive to monitor for communication using one or more of the four XTO DMG wells drilled 1300 to 2000 feet above the proposed Bone Spring CLGC wells. For example, the POKER LAKE UNIT 422H (Brushy) is perpendicular to and above the POKER LAKE UNIT CVX JV PC 001H (Avalon) and its GOR is measured as a part of routine well testing. The remaining three DMG wells are above wells drilled more deeply than the Avalon. Because of the large difference in GOR, it should be relatively easy to spot rising GOR in a Brushy well, indicative of potential communication, and take action to cease use of an underlying Avalon or Bone Spring well for temporary gas storage if need be.

#### Potential for Communication Within one-quarter mile, with a Bone Spring Focus

13. **XTO Exhibit H-1**, attached, shows an area of review extending one-quarter mile around the proposed CLGC wells. An accompanying table provides information about the wells and cancelled or granted permits falling within that area of review. *See* XTO Exhibit G-4. There are four active, producing, horizontal DMG wells that appear in the exhibit map, perpendicular to the proposed wells. These DMG wells are greater than one-thousand feet shallower relative to the proposed Bone Spring CLGC wells within the Avalon interval. Among active, producing wells, there are three horizontal Bone Spring wells (PLU CVX JV RR 009H, PLU CVX JV RR 008H, PLU CVX JV BS 024H), but they are not located directly over or under the proposed wells, but are offset end to end, presenting little risk of communication with the

proposed CLGC wells due to not being laterally offset. There are a few other active wells within one-quarter mile in plan view, but they are in the Wolfcamp or more shallow than lower DMG, and therefore are not close to the proposed Bone Spring CLGC wells in depth.

- 14. Examination of the XTO Exhibit G-3 and H-1 (map and table) shows that there are no non-CLGC, horizontal, producing lateral wells parallel to any of the ten proposed CLGC wells at this time. Therefore, there are no producing wells to add to the previously submitted gun barrel cross section views in Exhibit B of the Application at Pages 3-4 (pages 44-45 of the Hearing Exhibit package). However, among non-producing wellbores that will soon become active, the newly drilled Wolfcamp wells on the southern end of the proposed CLGC well PLU CVX JV RR 10H, are the most relevant for potential future communication during production. **XTO Exhibit H-2** shows a cross section and plan view of the new wells in the vicinity of PLU CVX JV RR 10H. The closest well to the 10H is a Wolfcamp A well, the PLU 20 BD 128H, which is about 1000 feet deeper than the 10H. Examination of Exhibit I of the Application (page 125 of the Hearing Exhibit packet) shows there will be additional producing Wolfcamp wells to the west of PLU CVX JV PC 21H and PLU CVX JV RR 10H in the future. In preparation for the CLGC project, a gauge was installed in the 10H and it shows that the 10H (Third Bone Spring Shale) saw completion time communication with one or more of the new drilled, deeper Wolfcamp wells.
- 15. It remains my opinion that the targeted intervals in this area within the Bone Spring formation, including the proposed Avalon interval, are suitable for the proposed CLGC injection and that approving the application is in the best interests of conservation, prevention of waste, and protection of correlative rights.
- 16. Supplemental **XTO Exhibits H-1** and **H-2** were either prepared by me or compiled under my direction and supervision.

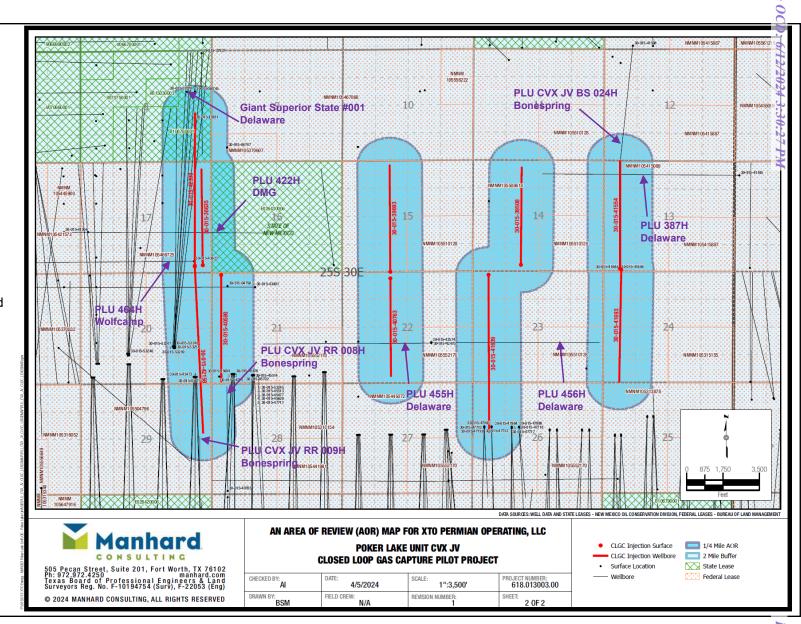
17. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.

Owen J. Hehmeyer

6/3/2024 Date

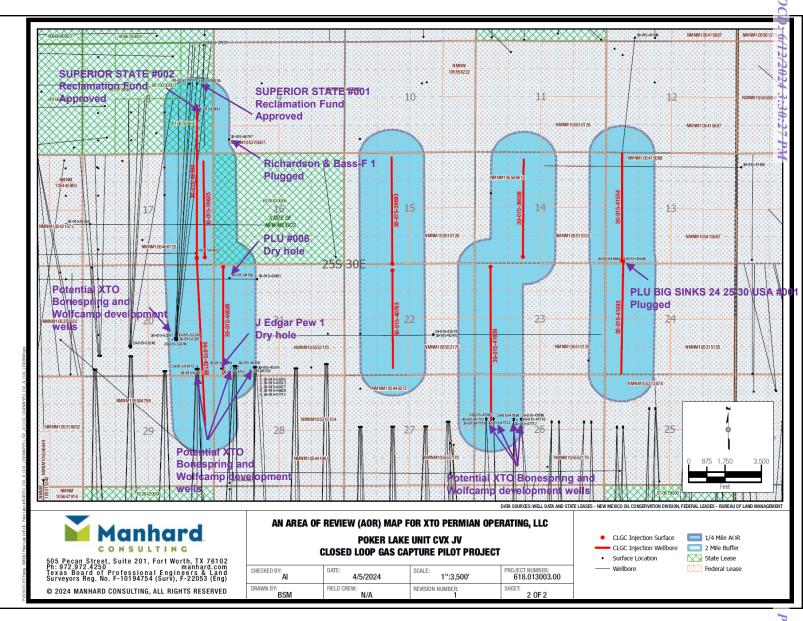
- Of the 69 wells within 1/4 mile, 9 of them are STATUS=ACTIVE and not CLGC wells (purple)
- Four (PLU 387H, 456H, 455H, & 422H) of those nine are Delaware Mountain Group wells drilled perpendicular to and substantially shallower than the proposed CLGC wells. They are XTOoperated.
- Three (PLU CVX JV RR 009H, PLU CVX JV RR 008H, PLU CVX JV BS 024H) are Bonespring horizontal wells drilled toe-to-toe and offset, but not under or over the proposed **CLGC** wells
- One (Giant Superior State #001) is a vertical well reported TD'd in the Bell Canyon at 6000', but it is perforated no deeper than 5330' (more shallow). It is not XTOoperated.
- One (PLU 464H) is a Wolfcamp horizontal drilled offset, but not under or over the proposed CLGC wells, and is substantially deeper than CLGC wells. This is an XTOoperated well.





BEFORE THE OIL CONSERVATION DIVISION Santa Fe, New Mexico Supplemental Exhibit No. H-1 Submitted by: XTO Permian Operating, CC Hearing Date: June 13, 2024 Case no. 24273

- **Annotations of INACTIVE wells** inside 1/4 mile
- There are six plugged, abandoned, or otherwise inactive vertical wells
- Most of the remaining wells are permitted XTO horizontal development wells in the Bonespring and Wolfcamp formations.
- It does not appear that they are any producing horizontal wells along the cross section of the project CLGC wells are this time (although there will be after the permitted wells are drilled, completed, and tied in line)

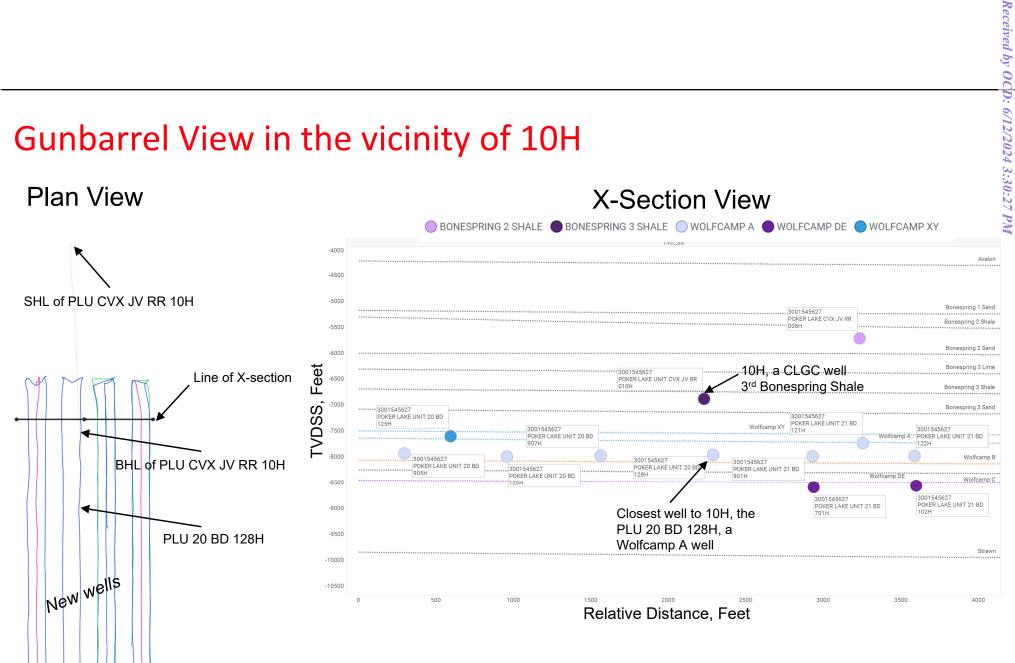




# Gunbarrel View in the vicinity of 10H

Plan View

X-Section View



# STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION

APPLICATION OF XTO PERMIAN OPERATING, LLC FOR A CLOSED LOOP GAS CAPTURE INJECTION PILOT PROJECT, EDDY COUNTY, NEW MEXICO.

**CASE NO. 24273** 

#### SELF-AFFIRMED STATEMENT OF ADAM G. RANKIN

- 1. I am attorney in fact and authorized representative of XTO Permian Operating, Inc. ("XTO"), the Applicant herein. I have personal knowledge of the matter addressed herein and am competent to provide this self-affirmed statement.
- 2. An updated notice of the application and hearing on this application with a corrected legal description of the proposed Pilot Project Area was sent by certified mail to the locatable affected parties on the date set forth in the letter attached hereto.
- 3. The spreadsheet attached hereto contains the names of the parties to whom notice was provided.
- 4. The spreadsheet attached hereto contains the information provided by the United States Postal Service on the status of the delivery of this notice as of June 5, 2024.
- 5. I caused a notice to be published to all parties subject to this compulsory pooling proceeding. An affidavit of publication from the publication's legal clerk with a copy of the notice publication is attached herein.

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. I
Submitted by: XTO Permian Operating, LLC
Hearing Date: June 13, 2024
Case no. 24273

6. I affirm under penalty of perjury under the laws of the State of New Mexico that the foregoing statements are true and correct. I understand that this self-affirmed statement will be used as written testimony in this case. This statement is made on the date next to my signature below.

Adam G. Rankin June 6, 2024
Date



Paula M. Vance Associate Phone (505) 988-4421 Email pmvance@hollandhart.com

May 2, 2024

# VIA CERTIFIED MAIL CERTIFIED RECEIPT REQUESTED

TO: ALL AFFECTED PARTIES

Re: Case No. 24273: Application of XTO Permian Operating, LLC for a Closed Loop Gas Capture Injection Pilot Project, Eddy County, New Mexico.

Ladies & Gentlemen:

XTO Permian Operating, LLC ("XTO") identified an error in the legal description for its Closed Loop Gas Capture Injection Pilot Project (Case No. 24273) filed on February 9, 2024, with the New Mexico Oil Conservation Division ("NMOCD"), about which you were previously provided noticed. The corrected legal description is included below, and a map depicting the project area is enclosed with this letter.

#### Township 25 South, Range 30 East

Section 8: E/2 SE/4 Section 13: W/2 W/2Section 14: E/2 W/2Section 15: E/2 W/2Section 17: E/2Section 20: E/2 E/2Section 21: W/2 W/2 Section 22: E/2 W/2Section 23: W/2 W/2Section 24: W/2 W/2Section 26: W/2 NW/4 Section 29: E/2 NE/4

A continuation hearing will be held on June 13, 2024, and the status of the hearing can be monitored through the Division's website at <a href="https://www.emnrd.nm.gov/ocd/">https://www.emnrd.nm.gov/ocd/</a>.

It is anticipated that hearings will be held in a hybrid format with both in-person and virtual participation options. The meeting will be held in the Pecos Hall Hearing Room at the Wendall Chino Building, 1st Floor, 1220 South St. Francis Dr., Santa Fe, New Mexico. To participate virtually in the hearing, see the instructions posted on the OCD Hearings website: <a href="https://www.emnrd.nm.gov/ocd/hearing-info/">https://www.emnrd.nm.gov/ocd/hearing-info/</a>.

T 505.988.4421 F 505.983.6043 110 North Guadalupe, Suite 1, Santa Fe, NM 87501-1849 Mail to: P.O. Box 2208, Santa Fe, NM 87504-2208 www.hollandhart.com

Alaska Colorado Montana Nevada New Mexico Utah Washington, D.C. Wyoming You are not required to attend this hearing, but as an owner of an interest that may be affected by this application, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from challenging the matter at a later date. Parties appearing in cases are required to file a Pre-hearing Statement four business days in advance of a scheduled hearing that complies with the provisions of NMAC 19.15.4.13.B.

If you have any questions about this matter, please contact Ali Gschwind at (432) 214-0393 or alexandrea.r.gschwind@exxonmbil.com.

Sincerely,

Paula M. Vance

Pathir

ATTORNEY FOR XTO PERMIAN OPERATING, LLC

						Varia na aliana i villa mitra
						Your package will arrive later than expected, but is
						still on its way. It is
						currently in transit to the
9407111898765465878114	2016 Samantha Bass Family Trust	201 Main St Ste 2700	Fort Worth	TX	76102-3131	next facility.
	,					Your package will arrive
						later than expected, but is
						still on its way. It is
						currently in transit to the
9407111898765465878152	2016 Hyatt Bass Fam Tr	201 Main St Ste 2700	Fort Worth	TX	76102-3131	next facility.
						Your package will arrive
						later than expected, but is
						still on its way. It is currently in transit to the
9/07111898765/65878107	2016 Hyatt Bass Family Trust	201 Main St Ste 2700	Fort Worth	TX	76102-3131	next facility.
3407111030703403070107	2010 Hyatt Bass Falling Hast	201 Wall St Stc 2700	TOTE WOTEH	17	70102 3131	Your package will arrive
						later than expected, but is
						still on its way. It is
						currently in transit to the
9407111898765465878190	2016 Samantha Bass Fam Tr	201 Main St Ste 2700	Fort Worth	TX	76102-3131	next facility.
						Your package will arrive
						later than expected, but is
						still on its way. It is
0407444000765465070445	2016 Compaths Boss Family Tour	204 Marin St Str. 2700	F 1	T./	76402 2424	currently in transit to the
940/111898/654658/8145	2016 Samantha Bass Family Trust	201 Main St Ste 2700	Fort Worth	TX	76102-3131	next facility. Your package will arrive
						later than expected, but is
						still on its way. It is
						currently in transit to the
9407111898765465878183	Anne Chandler Bass Evans	201 Main St Ste 2700	Fort Worth	TX	76102-3131	next facility.
						Your item was delivered to
						an individual at the
						address at 1:45 pm on May
						13, 2024 in SOUTHLAKE, TX
9407111898765465878138	Barr Family Trust	804 Park Vista Cir	Southlake	TX	76092-4342	76092.

9407111898765465878176	Bayswater Fund IC B LLC	730 17th St Ste 500	Denver	СО	80202-3553	Your item has been delivered to an agent for final delivery in DENVER, CO 80202 on May 9, 2024 at 10:01 am.
9407111898765465878350		730 17th St Ste 500	Denver	СО	80202-3553	Your item has been delivered to an agent for final delivery in DENVER, CO 80202 on May 9, 2024 at 10:01 am.
9407111898765465878367	Bettianne H Bowen Liv Tr	238 Beverly Ct	King City	CA	93930-3501	Your item was delivered to an individual at the address at 1:34 pm on May 13, 2024 in KING CITY, CA 93930.
9407111898765465878329	Bureau Of Land Management	301 Dinosaur Trl	Santa Fe	NM	87508-1560	Your item was delivered to the front desk, reception area, or mail room at 10:42 am on May 10, 2024 in SANTA FE, NM 87508.
9407111898765465878305	Bureau of Land Management	620 E Greene St	Carlsbad	NM	88220-6292	Your item was delivered to an individual at the address at 12:56 pm on May 13, 2024 in CARLSBAD, NM 88220.
9407111898765465878343	Byron Wayne Paschal And Janey Loree Paschal	PO Box 148	Malaga	NM	88263-0148	
9407111898765465878381	Charles E Hinkle	PO Box 1030	King City	CA	93930-1030	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.

9407111898765465878336	Chevron USA Inc	PO Box 730436	Dallas	TX	75373-0436	Your item has been delivered and is available at a PO Box at 9:00 am on May 13, 2024 in DALLAS, TX 75373.
9407111898765465878374	Chevron USA Inc, Attn Land Department	6301 Deauville	Midland	TX	79706-2964	Your item was delivered to the front desk, reception area, or mail room at 12:09 pm on May 13, 2024 in MIDLAND, TX 79706.
9407111898765465878015	Chevron USA Inc C/O Diane Whitcomb	1400 Smith St Unit 45137	Houston	TX	77002-7327	Your item was picked up at a postal facility at 10:55 am on May 16, 2024 in HOUSTON, TX 77002.
9407111898765465878053	Christopher Maddox Bass	201 Main St Ste 2750	Fort Worth	TX	76102-3103	Your item was delivered to an individual at the address at 11:18 am on May 13, 2024 in FORT WORTH, TX 76102.
9407111898765465878060	Croft Living Trust, Katie Elizabeth Croft Co Ttee	11700 Preston Rd Ste 660 PMB 390	Dallas	TX	75230-6112	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9407111898765465878022	CTAM O And Gas LLC	201 Main St Ste 2700	Fort Worth	TX	76102-3131	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9407111898765465878008	Devon Energy Production Co LP	PO Box 843559	Dallas	TX	75284-3559	Your item has been delivered and is available at a PO Box at 5:40 am on May 13, 2024 in DALLAS, TX 75284.

						Your item was delivered to an individual at the address at 10:10 am on
9407111898765465878091	EHW LLC	101 S 4th St	Artesia	NM	88210-2177	May 13, 2024 in ARTESIA,
						Your item was delivered to an individual at the address at 3:45 pm on May 13, 2024 in BELLEVUE, WA
9407111898765465878046	Elaine A Coles	4019 Hunts Point Rd	Hunts Point	WA	98004-1109	
	Emg Rev Tr Dated 11/1/2004, Eileen					Your item was delivered to an individual at the address at 10:50 am on May 13, 2024 in ROSWELL,
9407111898765465878084	M. Grooms TTEE	1000 W 4th St	Roswell	NM	88201-3038	
9407111898765465878077	Flyway Holdings II LP	4143 Maple Ave Ste 500	Dallas	TX	75219-3294	Your item was delivered to an individual at the address at 11:32 am on May 13, 2024 in DALLAS, TX 75219.
9407111898765465878411		201 Main St Ste 2700	Fort Worth	TX	76102-3131	Your package will arrive later than expected, but is still on its way. It is currently in transit to the
9407111898765465878428	GC Oil And Gas LLC	201 Main St Ste 2700	Fort Worth	TX	76102-3131	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9407111898765465878497	Hinkle Living Trust	PO Box 1793	Roswell	NM		Your item was picked up at the post office at 2:06 pm on May 13, 2024 in ROSWELL, NM 88201.
9407111898765465878442	James Lawrence Hinkle	PO Box 2262	King City	CA	93930-2262	Your item was picked up at the post office at 11:43 am on May 17, 2024 in KING CITY, CA 93930.

9407111898765465878480	James Neal Flowers	5503 E Marina Ct	Post Falls	ID	83854-9715	Your item was delivered to an individual at the address at 12:29 pm on May 11, 2024 in POST FALLS, ID 83854.
9407111898765465878435	Jenna Hinkle Sartori	5710 Hatchery Ct	Penngrove	CA	94951-9664	Your item was delivered to an individual at the address at 10:45 am on May 16, 2024 in PENNGROVE, CA 94951.
9407111898765465878473	Jennie Vuksich	11401 San Francisco Rd NE	Albuquerque	NM	87122-2377	Your item was picked up at a postal facility at 3:31 pm on May 15, 2024 in ALBUQUERQUE, NM
9407111898765465878510	Jennings Lee Trust	PO Box 20204	Hot Springs	AR	71903-0204	Your item was picked up at the post office at 2:10 pm on May 17, 2024 in HOT SPRINGS NATIONAL PARK,
9407111898765465878558	Kristin Hinkle Coomes	265 259th Ave NE	Sammamish	WA	98074-3478	Your item was delivered to an individual at the address at 10:03 am on May 11, 2024 in SAMMAMISH, WA 98074.
9407111898765465878565	Laurie Hinkle Lehman	767 Old Quarry Rd S	Larkspur	CA	94939-2200	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9407111898765465878527	LMB RSN GST Exempt Dynasty 2016 Tr	201 Main St Ste 2700	Fort Worth	TX	76102-3131	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.

9407111898765465878503	LMB RSN Non Exempt 2016 Tr	201 Main St Ste 2700	Fort Worth	TX	76102-3131	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9407111898765465878596	LMB RSB Non-Exempt 2016 Trust	201 Main St Ste 2700	Fort Worth	TX	76102-3131	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9407111898765465878541	LMB/RSB Gst Exempt Dynasty 2016 Tr	201 Main St Sta 2700	Fort Worth	TX	76102-3131	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
						Your item was delivered to an individual at the address at 1:12 pm on May 11, 2024 in TUCSON, AZ
9407111898765465878589	Mark Mason Hinkle  Mark Mcclellan And Paula McClellan	834 S Stuart Pl	Tucson	AZ	85710-5905	85710. Your item was picked up at the post office at 10:01 am on May 14, 2024 in
9407111898765465877216 9407111898765465877223		PO Box 730  2715 N Kentucky Ave Apt 16	Roswell	NM	88202-0730 88201-5868	
9407111898765465877292	Mms Brenham Federal C/O Xto Energy Inc	810 Houston St	Fort Worth	TX	76102-6203	Your item was picked up at the post office at 2:35 pm on May 30, 2024 in SANTA FE, NM 87501.
9407111898765465877285	Msh Fam Real Est Prtnsp II LLC	4143 Maple Ave Ste 500	Dallas	TX	75219-3294	Your item was delivered to an individual at the address at 11:32 am on May 13, 2024 in DALLAS, TX 75219.

9407111898765465877230	New Mexico Commissioner Of the State Land Office	310 Old Santa Fe Trl	Santa Fe	NM	87501-2708	Your item was delivered to the front desk, reception area, or mail room at 10:52 am on May 10, 2024 in SANTA FE, NM 87501.
9407111898765465877278	Noreene Flowers	1908 N Mesa Ave	Roswell	NM	88201-7625	Your item was delivered to an individual at the address at 5:02 pm on May 13, 2024 in ROSWELL, NM 88201.
9407111898765465877810	Pamela L Flowers Dixon	2130 Quailwood Dr	Clarkston	WA	99403-1705	Your item was delivered to an individual at the address at 11:32 am on May 10, 2024 in CLARKSTON, WA 99403.
9407111898765465877865	Patrick Glenn Flowers	1908 N Mesa Ave	Roswell	NM	88201-7625	Your item was delivered to an individual at the address at 5:02 pm on May 13, 2024 in ROSWELL, NM 88201.
9407111898765465877803	Pegasus Resources LLC	PO Box 733980	Dallas	TX	75373-3980	Your item has been delivered and is available at a PO Box at 9:00 am on May 13, 2024 in DALLAS, TX 75373.
9407111898765465877896	Ralph Albert Shugart Tr C/O Michael D McCannon CPA	501 S Cherry St Ste 570	Denver	со	80246-1327	Your item was delivered to an individual at the address at 10:52 am on May 9, 2024 in DENVER, CO 80246.
9407111898765465877834	Robert Dennis Flowers	121 No Name Rd	Dexter	NM	88230-9505	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.

						Your item has been
						delivered and is available
						at a PO Box at 9:00 am on
						May 13, 2024 in DALLAS,
9407111898765465877872	Santa Elena Minerals IV LP	PO Box 732880	Dallas	TX	75373-2880	
						Your item was delivered to
						an individual at the
						address at 10:10 am on
						May 13, 2024 in ARTESIA,
9407111898765465877711	Sara Ward Sims	101 S 4th St	Artesia	NM	88210-2177	NM 88210.
						Your item was delivered to
						an individual at the
						address at 9:35 am on May
						9, 2024 in DENVER, CO
9407111898765465877759	Sitio Permian LP	1401 Lawrence St Ste 1750	Denver	со	80202-3074	
						Your item was delivered to
						an individual at the
						address at 11:32 am on
						May 13, 2024 in DALLAS,
9407111898765465877766	SMP Paisano Mineral Holdings LP	4143 Maple Ave Ste 500	Dallas	TX	75219-3294	' '
0.107 = 1 = 2 = 3 = 1 = 3 = 1 = 1	and it areas is similar as it is a single as	12 to maple / He die des	2445		75225 525 1	Your item was delivered to
						an individual at the
						address at 11:32 am on
						May 13, 2024 in DALLAS,
9407111898765465877728	SMP Sidecar Titan	4143 Maple Ave Ste 500	Dallas	TX	75219-3294	
310,111030,031030,7,20	Jan Sidedai Titali	12 13 Maple / We ste see	Danas	174	73213 323 1	Your item was delivered to
						an individual at the
						address at 10:53 am on
						May 23, 2024 in DALLAS,
9407111898765465877704	Smp Titan Flex LP	4143 Maple Ave Ste 500	Dallas	TX	75219-3294	1 .
						Your item was delivered to
						an individual at the
						address at 11:32 am on
						May 13, 2024 in DALLAS,
9407111898765465877797	SMP Titan Mineral	4143 Maple Ave Ste 500	Dallas	TX	75219-3294	
						Your item was picked up at
						a postal facility at 7:44 am
						on May 10, 2024 in SANTA
9407111898765465877742	State Land Office	PO Box 1148	Santa Fe	NM	87504-1148	FE, NM 87501.

						Your item was delivered to
						an individual at the
						address at 12:25 pm on
						May 14, 2024 in DALLAS,
9407111898765465877735	The Allen Family Rev Trust	3623 Overbrook Dr	Dallas	TX	75205-4326	
						Your package will arrive later than expected, but is
						still on its way. It is
						currently in transit to the
9407111898765465877773	The Bass Sickel 2016 Childrens Tr	201 Main St Ste 2300	Fort Worth	TX	76102-3137	·
						Your package will arrive
						later than expected, but is
						still on its way. It is
0407111000765465077057	The Philecology Foundation	201 Main St Ste 2700	Fort Worth	TX	76102-3131	currently in transit to the
940/111898/054058//95/	The Philecology Foundation	201 Main St Ste 2700	Fort worth	IX	76102-3131	Your package will arrive
						later than expected, but is
						still on its way. It is
						currently in transit to the
9407111898765465877964	Timothy Richardson Bass	201 Main St Ste 2700	Fort Worth	TX	76102-3131	
						Your item was picked up at
						the post office at 11:06 am on May 14, 2024 in
9407111898765465877902	Toles Com Ltd	PO Box 1300	Roswell	NM	88202-1300	ROSWELL, NM 88201.
3407111030703403077302	Total com Eta	1 0 Box 1300	1105WEII	14141	00202 1300	Your item was delivered to
						an individual at the
						address at 1:05 pm on May
						13, 2024 in FORT WORTH,
9407111898765465877995	TWR IV LLC	3724 Hulen St	Fort Worth	TX	76107-6816	
						Your item was delivered to an individual at the
						address at 1:17 pm on May
						15, 2024 in FORT WORTH,
9407111898765465877940	Vatex Mineral Fund I Lp	1204 W 7th St Ste 200	Fort Worth	TX	76102-3593	
						Your package will arrive
						later than expected, but is
						still on its way. It is
0407111000765465077000	Conocophillips C/O Michael Monju	600 M Illinois Avo	Midland	TV	79701-4882	currently in transit to the
340/111030/034030//388	Conocopininps C/O iviichaei ivionju	600 W Illinois Ave	iviiuiaiiu	TX	/9/01-4682	HEXT IACHILY.

9407111898765465877933	COG Operating LLC, C/O Robynrussel	601 W. Illinois Ave	Midland	TX	79702	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9407111898765465877971	Giant Operating Llc C/O Karen Cook	2100 Ross Ave Ste 950	Dallas	TX	75201-6735	Your package will arrive later than expected, but is still on its way. It is currently in transit to the next facility.
9407111898765465877612	Giant Operating Llc C/O George Wesley Harris	1320 Greenway Dr Unit 650	Irving	TX	75038-2550	Your item was returned to the sender on May 30, 2024 at 9:45 am in SANTA FE, NM 87501 because it could not be delivered as
9407111898765465877650	Poco Resoruces Llc C/O Joshua A. Olguin	3307 E Castleberry Rd	Artesia	NM	88210-9731	Your item was delivered to an individual at the address at 2:57 pm on May 13, 2024 in ARTESIA, NM



PO Box 631667 Cincinnati, OH 45263-1667

#### **AFFIDAVIT OF PUBLICATION**

Joe Stark
Joe Stark EENR Specialist
Holland & Hart
222 South Main Street
Suite 2200
Salt Lake City UT 84101

#### STATE OF WISCONSIN, COUNTY OF BROWN

The Carlsbad Current Argus, a newspaper published in the city of Carlsbad, Eddy County, State of New Mexico, and personal knowledge of the facts herein state and that the notice hereto annexed was Published in said newspapers in the issue:

05/29/2024

and that the fees charged are legal. Sworn to and subscribed before on 05/29/2024

Legal Clerk

Notary, State of WI, County of Brown

My commission expires

**Publication Cost:** 

\$463.20

Order No:

10216118

# of Copies:

Customer No:

1360634

1

PO #:

Case No. 24273

THIS IS NOT AN INVOICE!

Please do not use this form for payment remittance.

KATHLEEN ALLEN Notary Public State of Wisconsin

BEFORE THE OIL CONSERVATION DIVISION
Santa Fe, New Mexico
Exhibit No. J
Submitted by: XTO Permian Operating, LLC
Hearing Date: June 13, 2024
Case no. 24273

Page 1 of 3

# STATE OF NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT OIL CONSERVATION DIVISION SANTA FE, NEW MEXICO

The State of New Mexico, Energy Minerals and Natural Resources Department, Oil Conservation Division ("Division") hereby gives notice that the Division will hold public hearings before a hearing examiner for the below listed cases. The hearings will be conducted in a hybrid fashion, both in-person at the Energy, Minerals, Natural Resources Department, Wendell Chino Building, Pecos Hall, 1220 South St. Francis Drive, 1st Floor, Santa Fe, NM 87505 and via the MS Teams virtual meeting platform (sign-in information below) on Thursday, June 13, 2024, at 8:30 a.m.

To participate in the hearings, see the instructions posted below. The docket may be viewed electronically on the Division's website, <a href="http://www.emnrd.state.nm.us/OCD/hearings.html">http://www.emnrd.state.nm.us/OCD/hearings.html</a> or obtained from the OCD law clerk, at (505) 469-5527 or <a href="mailto:freya.tschantz@emnrd.nm.gov">freya.tschantz@emnrd.nm.gov</a>.

Documents filed in these cases may be viewed at <a href="http://ocdimage.emnrd.state.nm.us/imaging/CaseFileCrit">http://ocdimage.emnrd.state.nm.us/imaging/CaseFileCrit</a>

If you are an individual with a disability who needs a reader, amplifier, qualified sign language interpreter, or other form of auxiliary aid or service to attend or participate in a hearing, contact the OCD law clerk using the contact information above, or at the New Mexico Relay Network, 1-800-659-1779, no later than Monday, June 3, 2024

Persons may view and participate in the hearings through the following link: www.microsoft.com/en-us/microsoft-teams/join-a-meeting Meeting ID: 267 851 609 747 Passcode: ziuWpG

Dial-in by phone: +1 505-312-4308,,130592067# (505) 312-4308 Phone conference ID: 130 592 067#

STATE OF NEW MEXICO TO: All named parties and persons having any right, title, interest or claim in the following case and notice to the public.

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

(NOTE: All land descriptions herein refer to the New Mexico Principal Meridian whether or not so stated.)

To: All affected interest owners, including: 2016 SAMANTHA BASS FAMILY TRUST; 2016 HYATT BASS FAMILY TRUST; 2016 SAMANTHA BASS FAMILY TRUST; 2016 SAMANTHA BASS FAMILY TRUST; 2016 SAMANTHA BASS FAM TR; 2016 SAMANTHA BASS FAM TR; 2016 SAMANTHA BASS FAMILY TRUST; 2016 SAMANTHA BASS EVANS, her heirs and devisees; BARR FAMILY TRUST; BAYSWATER FUND IV B LLC; BAYSWATER RESOURCES LLC; BETTIANNE H BOWEN LIV TR; Bureau of Land Management; Byron Wayne Paschal and Janey Loree Paschal, their heirs and devisees; CHARLES E HINKLE, his heirs and devisees; CHARLES E HINKLE, his heirs and devisees; CHEVRON USA INC; CHRISTOPHER MADDOX BASS, his heirs and devisees; CROFT LIVING TRUST; CAMO O AND GAS LLC; DEVON ENERGY PRODUCTION CO LP; EHW LLC; ELAINE A COLES, her heirs and devisees; BARR REV TR DATED 11/1/2004; FLYWAY HOLDINGS II LP; GC O AND G LLC; GC OIL AND GAS LLC; HINKLE LIVING TRUST; JAMES LAWRENCE HINKLE, his heirs and devisees; JENNA HINKLE SARTORI, her heirs and devisees; JENNA HINKLE SARTORI, her heirs and devisees; JENNA HINKLE SARTORI, her heirs and devisees; JENNINGS LEE TRUST; KRISTIN HINKLE LEHMAN, her heirs and devisees; LAURIE HINKLE LEHMAN, her heirs and devisees; PAMELA L TRUST; KRISTIN HINKLE LEHMAN, her heirs and devisees; PAMELA L FLOWERS, NATA ELENA MARD SIMS; SITIO PERMIAN LP; SMP PAISANO MINERAL FULL FLAW HARDEN

Case No. 24273: Application of XTO Permian Operating, LLC for a Closed Loop Gas Capture Injection Pilot Project, Eddy County, New Mexico. Applicant in the seeks an order authorizing it to engage in a closed loop gas capture injection pilot project ("Pilot Project") in the Bone Spring formation within a 12,800-acre, more or less, project area consisting of the following acreage identified

below in Eddy County, New Mexico (the "Project Area"):

#### Township 25 South, Range 30 East

Section 8: E/2 SE/A
Section 13: W/2 W/2
Section 14: E/2 W/2
Section 15: E/2 W/2
Section 17: E/2
Section 20: E/2 E/2
Section 21: W/2 W/2
Section 22: E/2 W/2
Section 23: W/2 W/2
Section 24: W/2 W/2
Section 26: W/2 NW/4
Section 29: E/2 NE/4

Applicant proposes to occasionally inject produced gas from the Bone Spring and Wolfcamp formations into the following producing wells to avoid temporary flaring of gas or the shut-in of producing wells during pipeline capacity constraints, mechanical difficulties, plant shutdowns, or other events impacting the ability to deliver gas into a pipeline:

• POKER LAKE UNIT CVX JV RR 010H (API No. 30-015-42158);
• POKER LAKE CVX JV RR 006H (API No. 30-015-40580);
• POKER LAKE CVX JV PB 005H (API No. 30-015-40763);
• POKER LAKE CVX JV BS 025H (API No. 30-015-41639);
• POKER LAKE CVX JV BS 022H (API No. 30-015-41693);
• POKER LAKE CVX JV PC COM 021H (API No. 30-015-42390);
• POKER LAKE UNIT CVX JV PC 1H (API No. 30-015-39603);
• POKER LAKE CVX JV BS 011H (API No. 30-015-39508);and
• POKER LAKE CVX JV BS 008H (API No. 30-015-41554).

XTO seeks authority to inject produced gas into the Avalon, First Bone Spring, Second Bone Spring, and Third Bone Spring intervals of the Bone Spring formation along the horizontal portion of each wellbore at surface injection pressures of no more than 1,250 psi and a maximum injection rate of 6 MMSCF/day. The subject acreage is located approximately 16 miles southeast of Loving, New Mexico.
#10216118; Current Argus; May 29, 2024