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

Sundry Print Report

10/25/2024

Well Name: POKER LAKE UNIT 22-3 BS

Well Location: T25S / R31E / SEC 22 / SWSW / 32.110033 / -103.772802

County or Parish/State: EDDY / NM

Well Number: 114H

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMNM0070707A

Unit or CA Name: POKER LAKE UNIT

Unit or CA Number: NMNM71016X

US Well Number: 3001554007

Operator: XTO PERMIAN OPERATING LLC

Notice of Intent

Sundry ID: 2784410

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 04/10/2024

Time Sundry Submitted: 03:15

Date proposed operation will begin: 04/30/2024

Procedure Description: XTO Permian Operating, LLC. respectfully requests approval to make the following changes to the approved APD. Changes to include SHL, FTP, LTP, BHL, casing sizes, cement, and proposed total depth. FROM: TO: SHL: 540' FSL & 516' FWL of Section 22-T25S-R31E 485' FSL & 546' FWL of Section 22-T25S-R31E FTP: 950' FSL & 390' FWL of Section 22-T25S-R31E 1224' FSL & 990' FWL of Section 22-T25S-R31E LTP: 2490' FNL & 390' FWL of Section 3-T26S-R31E 100' FSL & 2327' FWL of Section 34-T25S-R31E BHL: 2590' FNL & 390' FWL of Section 3-T26S-R31E 50' FSL & 2327' FWL of Section 34-T25S-R31E PPP1: 0’ FNL & 988’ FWL PPP2: 1323’ FNL & 992 FWL PPP3: 2649’ FSL & 995’ FWL P1: 1650’ FNL & 990’ FWL P2: 1980’ FSL & 2327’ FWL Proposed total depth will change from 26138’ MD; 11673’ TVD (Wolfcamp) to 22963’ MD; TVD 10299’ (Bone Spring 2 Sand). A saturated salt brine will be utilized while drilling through the salt formations. See attached Drilling Plan for updated cement and casing program. Attachments: C-102, Drilling Plan, Directional Drilling Plan, MBS, BOP Variance, Well Control Plan

NOI Attachments

Procedure Description

PLU_22_3_BS_114H_Sundry_Documents_20240819133831.pdf

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US Well Number: 3001554007

Operator: XTO PERMIAN OPERATING LLC

Conditions of Approval

Additional

Poker_Lake_Unit_22_3_BS_114H_COA_20241024092933.pdf

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: TERRA SEBASTIAN

Signed on: AUG 19, 2024 01:38 PM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Advisor

Street Address: 6401 HOLIDAY HILL ROAD SUITE 200

City: MIDLAND **State:** TX

Phone: (432) 999-3107

Email address: TERRA.B.SEBASTIAN@EXXONMOBIL.COM

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Approved

Disposition Date: 10/24/2024

Signature: Chris Walls

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2021

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

5. Lease Serial No. NMLC070707A

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No. POKER LAKE UNIT/NMNM71016X

1. Type of Well
☐ Oil Well ☑ Gas Well ☐ Other

8. Well Name and No. POKER LAKE UNIT 22-3 BS/114H

2. Name of Operator XTO PERMIAN OPERATING LLC

9. API Well No. 3001554007

3a. Address 6401 HOLIDAY HILL ROAD BLDG 5, MIDLAND,

3b. Phone No. *(include area code)* (432) 683-2277

10. Field and Pool or Exploratory Area PURPLE SAGE; WOLFCAMP (GAS)/PURPLE SAGE WOLFCAMP (98220)

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)* SEC 22/T25S/R31E/NMP

11. Country or Parish, State EDDY/NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☑ Notice of Intent	☐ Acidize	☐ Deepen	☐ Production (Start/Resume)	☐ Water Shut-Off
	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Subsequent Report	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☑ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
☐ Final Abandonment Notice	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

XTO Permian Operating, LLC. respectfully requests approval to make the following changes to the approved APD. Changes to include SHL, FTP, LTP, BHL, casing sizes, cement, and proposed total depth.

FROM: TO:
SHL: 540' FSL & 516' FWL of Section 22-T25S-R31E 485' FSL & 546' FWL of Section 22-T25S-R31E
FTP: 950' FSL & 390' FWL of Section 22-T25S-R31E 1224' FSL & 990' FWL of Section 22-T25S-R31E
LTP: 2490' FNL & 390' FWL of Section 3-T26S-R31E 100' FSL & 2327' FWL of Section 34-T25S-R31E
BHL: 2590' FNL & 390' FWL of Section 3-T26S-R31E 50' FSL & 2327' FWL of Section 34-T25S-R31E

PPP1: 0 FNL & 988 FWL
PPP2: 1323 FNL & 992 FWL
PPP3: 2649 FSL & 995 FWL

Continued on page 3 additional information

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)* TERRA SEBASTIAN / Ph: (432) 999-3107

Title Regulatory Advisor

Signature (Electronic Submission)

Date 08/19/2024

THE SPACE FOR FEDERAL OR STATE OFICE USE

Approved by CHRISTOPHER WALLS / Ph: (575) 234-2234 / Approved

Title Petroleum Engineer

Date 10/24/2024

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

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.

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.
AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.
PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.
ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.
EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:
The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.
Response to this request is mandatory.
The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect ofthis form to U.S. Department ofthe Interior, Bureau ofLand Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

Additional Information

Additional Remarks

P1: 1650 FNL & 990 FWL

P2: 1980 FSL & 2327 FWL

Proposed total depth will change from 26138 MD; 11673 TVD (Wolfcamp) to 22963 MD; TVD 10299 (Bone Spring 2 Sand).

A saturated salt brine will be utilized while drilling through the salt formations.

See attached Drilling Plan for updated cement and casing program.

Attachments: C-102, Drilling Plan, Directional Drilling Plan, MBS, BOP Variance, Well Control Plan

Location of Well

0. SHL: SWSW / 540 FSL / 516 FWL / TWSP: 25S / RANGE: 31E / SECTION: 22 / LAT: 32.110033 / LONG: -103.772802 (TVD: 0 feet, MD: 0 feet)

PPP: NWNW / 330 FNL / 390 FWL / TWSP: 25S / RANGE: 31E / SECTION: 27 / LAT: 32.111161 / LONG: -103.771848 (TVD: 11673 feet, MD: 13408 feet)

PPP: SWSW / 950 FSL / 390 FWL / TWSP: 25S / RANGE: 31E / SECTION: 22 / LAT: 32.11116 / LONG: -103.773205 (TVD: 11673 feet, MD: 12088 feet)

PPP: NWNW / 330 FNL / 390 FWL / TWSP: 25S / RANGE: 31E / SECTION: 34 / LAT: 32.111161 / LONG: -103.771848 (TVD: 11673 feet, MD: 18688 feet)

PPP: SWSW / 330 FSL / 390 FWL / TWSP: 25S / RANGE: 31E / SECTION: 34 / LAT: 32.111161 / LONG: -103.771848 (TVD: 11673 feet, MD: 22648 feet)

BHL: SWNW / 2590 FNL / 390 FWL / TWSP: 26S / RANGE: 31E / SECTION: 3 / LAT: 32.072446 / LONG: -103.773362 (TVD: 11673 feet, MD: 26138 feet)

PECOS DISTRICT
DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME:	XTO
LEASE NO.:	**NMLC070707A**
LOCATION:	Sec. 22, T.25 S, R 31 E
COUNTY:	Eddy County, New Mexico
WELL NAME & NO.:	Poker Lake Unit 22-3 BS 114H
SURFACE HOLE FOOTAGE:	485'/S & 546'/W
BOTTOM HOLE FOOTAGE:	50'/S & 2327'/W

*Changes approved through engineering via **Sundry 2784410_** on 10-024-2024_. Any previous COAs not addressed within the updated COAs still apply.*

COA

H_2S	○ No		○ Yes	
Potash / WIPP	◉ None	○ Secretary	○ R-111-Q	☐ Open Annulus
	Choose an option (including blank option.)			☐ WIPP
Cave / Karst	○ Low	○ Medium	◉ High	○ Critical
Wellhead	○ Conventional	◉ Multibowl	○ Both	○ Diverter
Cementing	☑ Primary Squeeze	☐ Cont. Squeeze	☑ EchoMeter	☐ DV Tool
Special Req	☐ Capitan Reef	☐ Water Disposal	☐ COM	☑ Unit
Waste Prev.	○ Self-Certification	○ Waste Min. Plan	◉ APD Submitted prior to 06/10/2024	
Additional Language	☑ Flex Hose	☑ Casing Clearance	☐ Pilot Hole	☑ Break Testing
	☐ Four-String	☑ Offline Cementing	☐ Fluid-Filled	

A. HYDROGEN SULFIDE

Hydrogen Sulfide (H2S) monitors shall be installed prior to drilling out the surface shoe. If H2S is detected in concentrations greater than 100 ppm, the Hydrogen Sulfide area shall meet 43 CFR 3176 requirements, which includes equipment and personnel/public protection items. If Hydrogen Sulfide is encountered, provide measured values and formations to the BLM.

B. CASING

1. The **9-5/8** inch surface casing shall be set at approximately **981** feet (a minimum of 70 feet (Eddy County) into the Rustler Anhydrite, above the salt, and below usable fresh water) and cemented to the surface.

    a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping

cement and ideally between 8-10 hours after completing the cement job.

b. Wait on cement (WOC) time for a primary cement job will be a minimum of **8 hours** or **500 pounds compressive strength**, whichever is greater. (This is to include the lead cement)
c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
d. If cement falls back, remedial cementing will be done prior to drilling out that string.

Intermediate casing must be kept fluid filled to meet BLM minimum collapse requirement.

2. The minimum required fill of cement behind the **7-5/8** inch intermediate casing is:
Operator has proposed to cement in two stages by conventionally cementing the first stage and performing a bradenhead squeeze on the second stage, contingent upon no returns to surface.

a. **First stage:** Operator will cement with intent to reach the top of the **Brushy Canyon at 6773'**

b. **Second stage:** Operator will perform bradenhead squeeze and top-out. Cement to surface. If cement does not reach surface, the appropriate BLM office shall be notified. **Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst.**

❖ In High Cave/Karst Areas if cement does not circulate to surface on the first two casing strings, the cement on the 3rd casing string must come to surface.

Operator has proposed to pump down Surface X Intermediate 1 annulus after primary cementing stage. Operator must run Echo-meter to verify Cement Slurry/Fluid top in the annulus OR operator shall run a CBL from TD of the Surface casing to tieback requirements listed above after the second stage BH to verify TOC. Submit results to the BLM. No displacement fluid/wash out shall be utilized at the top of the cement slurry between second stage BH and top out. Operator must use a limited flush fluid volume of 1 bbl following backside cementing procedures.

If cement does not reach surface, the next casing string must come to surface.

3. The minimum required fill of cement behind the **5-1/2** inch production casing is:
- Cement should tie-back at least **200 feet** into previous casing string. Operator shall provide method of verification.

C. PRESSURE CONTROL

1. Variance approved to use flex line from BOP to choke manifold. Manufacturer's specification to be readily available. No external damage to flex line. Flex line to be installed as straight as possible (no hard bends).

2. Operator has proposed a multi-bowl wellhead assembly. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000 (5M)** psi.
a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
c. Manufacturer representative shall install the test plug for the initial BOP test.
d. If the cement does not circulate and one-inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
e. Whenever any seal subject to test pressure is broken, all the tests in 43 CFR 3172 must be followed.

D. SPECIAL REQUIREMENT (S)

Unit Wells

The well sign for a unit well shall include the unit number in addition to the surface and bottom hole lease numbers. This also applies to participating area numbers. If a participating area has not been established, the operator can use the general unit designation, but will replace the unit number with the participating area number when the sign is replaced.

Commercial Well Determination

A commercial well determination shall be submitted after production has been established for at least six months. **(This is not necessary for secondary recovery unit wells)**

BOPE Break Testing Variance

- BOPE Break Testing is ONLY permitted for intervals utilizing a 5M BOPE or less. **(Annular preventer must be tested to a minimum of 70% of BOPE working pressure and shall be higher than the MASP.)**
- BOPE Break Testing is NOT permitted to drilling the production hole section.
- Variance only pertains to the intermediate hole-sections and no deeper than the Bone Springs formation.
- While in transfer between wells, the BOPE shall be secured by the hydraulic carrier or cradle.
- Any well control event while drilling require notification to the BLM Petroleum Engineer **(575-706-2779)** prior to the commencement of any BOPE Break Testing operations.
- A full BOPE test is required prior to drilling the first deep intermediate hole section. If any subsequent hole interval is deeper than the first, a full BOPE test will be required. (200' TVD tolerance between intermediate shoes is allowable).
- The BLM is to be contacted (575-361-2822 Eddy County) 4 hours prior to BOPE tests.
- As a minimum, a full BOPE test shall be performed at 21-day intervals.
- In the event any repairs or replacement of the BOPE is required, the BOPE shall test as per **43 CFR 3172**.

- If in the event break testing is not utilized, then a full BOPE test would be conducted.

Offline Cementing
Contact the BLM prior to the commencement of any offline cementing procedure.

Engineer may elect to vary this language. Speak with Chris about implementing changes and whether that change seems reasonable.

Casing Clearance
String does not meet 0.422" clearance requirement per 43 CFR 3172. Cement tieback requirement increased 100' for Production casing tieback. Operator may contact approving engineer to discuss changing casing set depth or grade to meet clearance requirement.

GENERAL REQUIREMENTS

The BLM is to be notified in advance for a representative to witness:

a. Spudding well (minimum of 24 hours)
b. Setting and/or Cementing of all casing strings (minimum of 4 hours)
c. BOPE tests (minimum of 4 hours)

Contact Eddy County Petroleum Engineering Inspection Staff:
Email or call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220;
BLM_NM_CFO_DrillingNotifications@BLM.GOV; (575) 361-2822

1. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.
    a. In the event the operator has proposed to drill multiple wells utilizing a skid/walking rig. Operator shall secure the wellbore on the current well, after installing and testing the wellhead, by installing a blind flange of like pressure rating to the wellhead and a pressure gauge that can be monitored while drilling is performed on the other well(s).
    b. When the operator proposes to set surface casing with Spudder Rig
        i. Notify the BLM when moving in and removing the Spudder Rig.
        ii. Notify the BLM when moving in the 2nd Rig. Rig to be moved in within 90 days of notification that Spudder Rig has left the location.
        iii. BOP/BOPE test to be conducted per **43 CFR 3172** as soon as 2nd Rig is rigged up on well.
2. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the dog house or stairway area.
3. For intervals in which cement to surface is required, cement to surface should be verified with a visual check and density or pH check to differentiate cement from spacer and drilling mud. The results should be documented in the driller's log and daily reports.

A. CASING

1. Changes to the approved APD casing program need prior approval if the items substituted are of lesser grade or different casing size or are Non-API. The Operator can exchange the components of the proposal with that of superior strength (i.e. changing from J-55 to N-80, or from 36# to 40#). Changes to the approved cement program need prior approval if the altered cement plan has less volume or strength or if the changes are substantial (i.e. Multistage tool, ECP, etc.). The initial wellhead installed on the well will remain on the well with spools used as needed.

2. Wait on cement (WOC) for Potash Areas: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi for all cement blends of both lead and tail cement, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. The casing integrity test can be done (prior to the cement setting up) immediately after bumping the plug.
3. Wait on cement (WOC) for Water Basin: After cementing but before commencing any tests, the casing string shall stand cemented under pressure until both of the following conditions have been met: 1) cement reaches a minimum compressive strength of 500 psi at the shoe, 2) until cement has been in place at least 8 hours. WOC time will be recorded in the driller's log. See individual casing strings for details regarding lead cement slurry requirements. The casing integrity test can be done (prior to the cement setting up) immediately after bumping the plug.
4. Provide compressive strengths including hours to reach required 500 pounds compressive strength prior to cementing each casing string. Have well specific cement details onsite prior to pumping the cement for each casing string.
5. No pea gravel permitted for remedial or fall back remedial without prior authorization from the BLM engineer.
6. On that portion of any well approved for a 5M BOPE system or greater, a pressure integrity test of each casing shoe shall be performed. Formation at the shoe shall be tested to a minimum of the mud weight equivalent anticipated to control the formation pressure to the next casing depth or at total depth of the well. This test shall be performed before drilling more than 20 feet of new hole.
7. If hardband drill pipe is rotated inside casing, returns will be monitored for metal. If metal is found in samples, drill pipe will be pulled and rubber protectors which have a larger diameter than the tool joints of the drill pipe will be installed prior to continuing drilling operations.
8. Whenever a casing string is cemented in the R-111-Q potash area, the NMOCD requirements shall be followed.

B. PRESSURE CONTROL

1. All blowout preventer (BOP) and related equipment (BOPE) shall comply with well control requirements as described in **43 CFR 3172**.
2. If a variance is approved for a flexible hose to be installed from the BOP to the choke manifold, the following requirements apply: The flex line must meet the requirements of API 16C. Check condition of flexible line from BOP to choke manifold, replace if exterior is damaged or if line fails test. Line to be as straight as possible with no hard bends and is to be anchored according to Manufacturer's

requirements. The flexible hose can be exchanged with a hose of equal size and equal or greater pressure rating. Anchor requirements, specification sheet and hydrostatic pressure test certification matching the hose in service, to be onsite for review. These documents shall be posted in the company man's trailer and on the rig floor.

3. 5M or higher system requires an HCR valve, remote kill line and annular to match. The remote kill line is to be installed prior to testing the system and tested to stack pressure.
4. If the operator has proposed a multi-bowl wellhead assembly in the APD. The following requirements must be met:
    i. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
    ii. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
    iii. Manufacturer representative shall install the test plug for the initial BOP test.
    iv. Whenever any seal subject to test pressure is broken, all the tests in 43 CFR 3172.6(b)(9) must be followed.
    v. If the cement does not circulate and one inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
5. The appropriate BLM office shall be notified a minimum of 4 hours in advance for a representative to witness the tests.
    i. In a water basin, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. The casing cut-off and BOP installation can be initiated four hours after installing the slips, which will be approximately six hours after bumping the plug. For those casing strings not using slips, the minimum wait time before cut-off is eight hours after bumping the plug. BOP/BOPE testing can begin after cut-off or once cement reaches 500 psi compressive strength (including lead cement), whichever is greater. However, if the float does not hold, cut-off cannot be initiated until cement reaches 500 psi compressive strength (including lead when specified).
    ii. In potash areas, for all casing strings utilizing slips, these are to be set as soon as the crew and rig are ready and any fallback cement remediation has been done. For all casing strings, casing cut-off and BOP installation can be initiated at twelve hours after bumping the cement plug. The BOPE test can be initiated after bumping the cement plug with the casing valve

open. (only applies to single stage cement jobs, prior to the cement setting up.)

iii. The tests shall be done by an independent service company utilizing a test plug not a cup or J-packer and can be initiated immediately with the casing valve open. The operator also has the option of utilizing an independent tester to test without a plug (i.e. against the casing) pursuant to **43 CFR 3172** with the pressure not to exceed 70% of the burst rating for the casing. Any test against the casing must meet the WOC time for 8 hours or 500 pounds compressive strength, whichever is greater, prior to initiating the test (see casing segment as lead cement may be critical item).

iv. The test shall be run on a 5000 psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one hour chart. A circular chart shall have a maximum 2 hour clock. If a twelve hour or twenty-four hour chart is used, tester shall make a notation that it is run with a two hour clock.

v. The results of the test shall be reported to the appropriate BLM office.

vi. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.

vii. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug. This test shall be performed prior to the test at full stack pressure.

viii. BOP/BOPE must be tested by an independent service company within 500 feet of the top of the Wolfcamp formation if the time between the setting of the intermediate casing and reaching this depth exceeds 20 days. This test does not exclude the test prior to drilling out the casing shoe as per **43 CFR 3172**.

C. DRILLING MUD

Mud system monitoring equipment, with derrick floor indicators and visual and audio alarms, shall be operating before drilling into the Wolfcamp formation, and shall be used until production casing is run and cemented.

D. WASTE MATERIAL AND FLUIDS

All waste (i.e. drilling fluids, trash, salts, chemicals, sewage, gray water, etc.) created as a result of drilling operations and completion operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be

disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during fracturing operations or any other crew-intensive operations.

Approved by Zota Stevens on 10/24/2024
575-234-5998 / zstevens@blm.gov

Santa Fe Main Office
Phone: (505) 476-3441 Fax: (55) 476-3462
General Information
Phone: (505) 629-6116

Online Phone Directory Visit:
https://www.emnrd.nm.gov/ocd/contact-us/

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION

C-102
Revised July 9, 2024
Submit Electronically
via OCD Permitting

Submittal Type: ☐ Initial Submittal ☒ Amended Report ☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
30-015-54007	96641	PADUCA;BONE SPRING

Property Code	Property Name	Well Number
334166	Poker Lake Unit 22-3 BS	114H

OGRID No.	Operator Name	Ground Level Elevation
005380	XTO Energy, INC.	3342

Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal
Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	22	25 S	31 E		485 S	546 W	32.109882	-103.772706	Eddy

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	34	25 S	31 E		50 S	2327 W	32.079579	-103.767091	Eddy

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
720	Defining		Yes	U

Order Numbers.
Well setbacks are under Common Ownership: ☒Yes ☐No

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	22	25 S	31 E		485 S	546 W	32.109882	-103.772706	Eddy

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	22	25 S	31 E		1224 S	990 W	32.111915	-103.771264	Eddy

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	22	25 S	31 E		100 S	2327 W	32.079716	-103.767091	Eddy

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation:
NMNM105422429		3342 feet

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Terra Sebastian — 10/28/2024
Signature — Date

Terra Sebastian
Printed Name

terra.b.sebastian@exxonmobil.com
Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

Please see below
Signature and Seal of Professional Surveyor

Certificate Number | Date of Survey

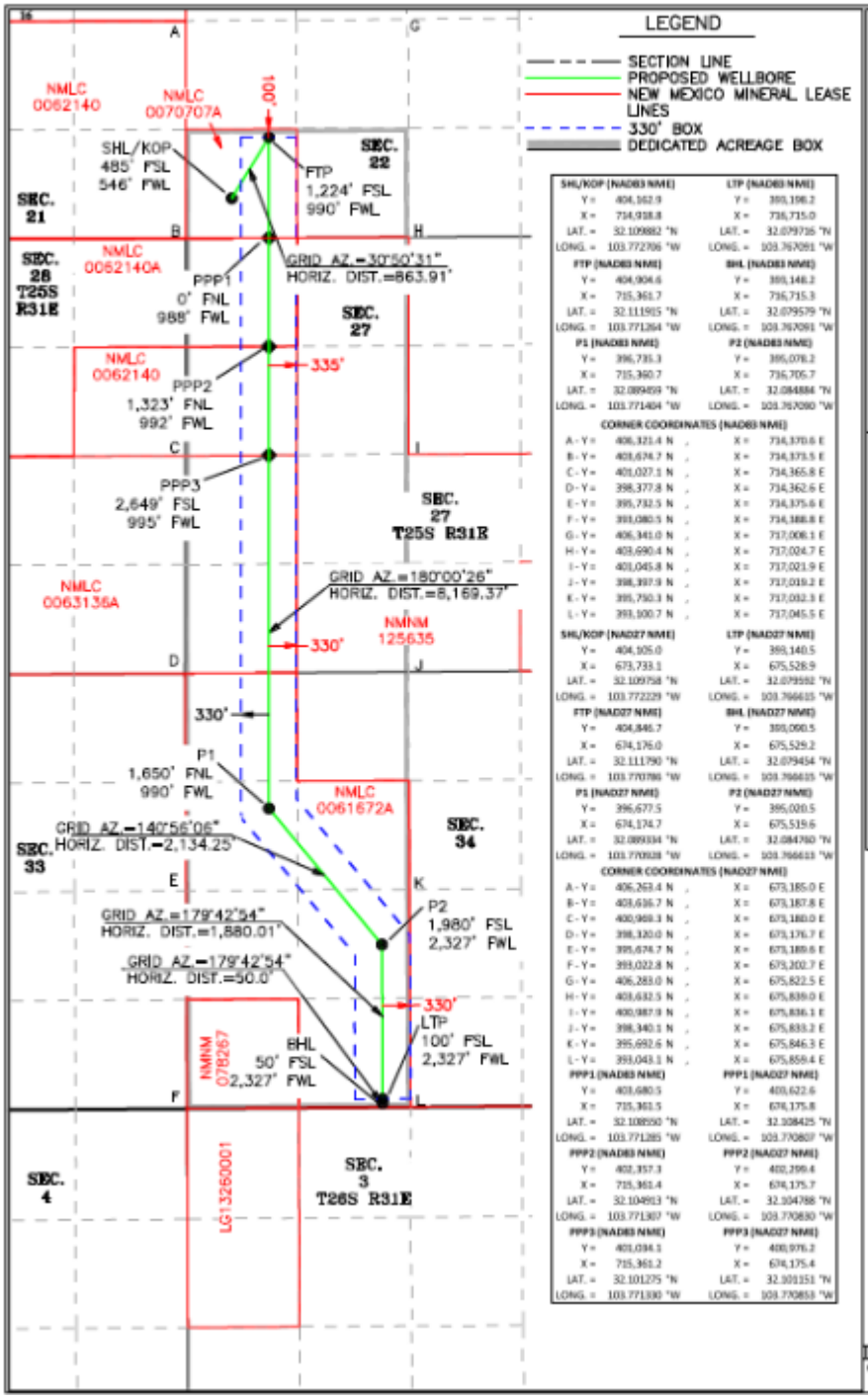
Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



17 OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

Emily Rivera — 7/16/2024
Signature — Date

Emily Rivera
Printed Name

emily.a.rivera@exxonmobil.com
E-mail Address

18 SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

7-9-2024
Date of Survey

LM 20220711178

Signature and Seal of Professional Surveyor:

I, TIM C. PAPPAS, NEW MEXICO PROFESSIONAL SURVEYOR NO. 21209, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

TIM C. PAPPAS
REGISTERED PROFESSIONAL LAND SURVEYOR
STATE OF NEW MEXICO NO. 21209

TIM C. PAPPAS NEW MEXICO 21209 PROFESSIONAL SURVEYOR

TIM C. PAPPAS 21290
Certificate Number

DRILLING PLAN: BLM COMPLIANCE
(Supplement to BLM 3160-3)

XTO Energy Inc.
POKER LAKE UNIT 22-3 BS 114H
Projected TD: 22963' MD / 10299' TVD
SHL: 485' FSL & 546' FWL , Section 22, T25S, R31E
BHL: 50' FSL & 2327' FWL , Section 34, T25S, R31E
EDDY County, NM

1. Geologic Name of Surface Formation

A. Quaternary

2. Estimated Tops of Geological Markers & Depths of Anticipated Fresh Water, Oil or Gas

Formation	Well Depth (TVD)	Water/Oil/Gas
Rustler	881'	Water
Top of Salt	1197'	Water
Base of Salt	4067'	Water
Delaware	4282'	Water
Brushy Canyon	6773'	Water/Oil/Gas
Bone Spring	8247'	Water
Avalon	8365'	Water/Oil/Gas
1st Bone Spring	9087'	Water/Oil/Gas
2nd Bone Spring	9646'	Water/Oil/Gas
Target/Land Curve	10299'	Water/Oil/Gas

*** Hydrocarbons @ Brushy Canyon
*** Groundwater depth 40' (per NM State Engineers Office).

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water sands will be protected by setting 9.625 inch casing @ 981' (216' above the salt) and circulating cement back to surface. The intermediate will isolate from the top of salt down to the next casing seat by setting 7.625 inch casing at 9609' and cemented to surface. A 6.75 inch curve and 6.75 inch lateral hole will be drilled to 22963 MD/TD and 5.5 inch production casing will be set at TD and cemented back up in the intermediate shoe (estimated TOC 9309 feet).

3. Casing Design

Hole Size	Depth	OD Csg	Weight	Grade	Collar	New/Used	SF Burst	SF Collapse	SF Tension
12.25	0' – 981'	9.625	40	J-55	BTC	New	1.50	6.42	16.06
8.75	0' – 4000'	7.625	29.7	RY P-110	Flush Joint	New	2.82	2.71	1.96
8.75	4000' – 9609'	7.625	29.7	HC L-80	Flush Joint	New	2.05	2.16	2.44
6.75	0' – 9509'	5.5	20	RY P-110	Semi-Premium	New	1.26	2.14	2.12
6.75	9509' - 22963'	5.5	20	RY P-110	Semi-Flush	New	1.26	1.97	2.12

· XTO requests the option to utilize a spudder rig (Atlas Copco RD20 or Equivalent) to set and cement surface casing per this Sundry
· 7.625 Collapse analyzed using 50% evacuation based on regional experience.
· 5.5 Tension calculated using vertical hanging weight plus the lateral weight multiplied by a friction factor of 0.35

Wellhead:

Permanent Wellhead – Multibowl System

A. Starting Head: 20” 10M top flange x 9-5/8” bottom

B. Tubing Head: 11” 10M bottom flange x 7-1/16” 15M top flange

- Wellhead will be installed by manufacturer’s representatives.
- Manufacturer will monitor welding process to ensure appropriate temperature of seal.

4. Cement Program

Surface Casing: 9.625, 40 New BTC, J-55 casing to be set at +/- 981'

Lead: 220 sxs EconoCem-HLTRRC (mixed at 10.5 ppg, 1.87 ft3/sx, 10.13 gal/sx water)
Tail: 130 sxs Class C + 2% CaCl (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water)
Top of Cement: Surface
Compressives: 12-hr = 900 psi 24 hr = 1500 psi

2nd Intermediate Casing: 7.625, 29.7 New casing to be set at +/- 9609'
1st Stage
Optional Lead: 360 sxs Class C (mixed at 10.5 ppg, 2.77 ft3/sx, 15.59 gal/sx water)
TOC: Surface
Tail: 260 sxs Class C (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water)
TOC: Brushy Canyon @ 6773
Compressives: 12-hr = 900 psi 24 hr = 1150 psi

2nd Stage
Lead: 0 sxs Class C (mixed at 12.9 ppg, 2.16 ft3/sx, 9.61 gal/sx water)
Tail: 760 sxs Class C (mixed at 14.8 ppg, 1.33 ft3/sx, 6.39 gal/sx water)
Top of Cement: 0
Compressives: 12-hr = 900 psi 24 hr = 1150 psi

XTO requests to pump a two stage cement job on the 7-5/8" intermediate casing string with the first stage being pumped conventionally with the calculated top of cement at the Brush Canyon (6773') and the second stage performed as a bradenhead squeeze with planned cement from the Brushy Canyon to surface. If cement is not visually confirmed to circulate to surface, the final cement top after the second stage job will be verified by Echo-meter. If necessary, a top out consisting of 1,500 sack of Class C cement + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (2.30 yld, 12.91 ppg) will be executed as a contingency. If cement is still unable to circulate to surface, another Echo-meter run will be performed for cement top verification.

XTO will report to the BLM the volume of fluid (limited to 5 bbls) used to flush intermediate casing valves following backside cementing procedures.

XTO requests to pump an Optional Lead if well conditions dictate in an attempt to bring cement inside the first intermediate casing. If cement reaches the desired height, the BLM will be notified and the second stage bradenhead squeeze and subsequent TOC verification will be negated.

XTO requests the option to conduct the bradenhead squeeze and TOC verification offline as per standard approval from BLM when unplanned remediation is needed and batch drilling is approved. In the event the bradenhead is conducted, we will ensure the first stage cement job is cemented properly and the well is static with floats holding and no pressure on the csg annulus as with all other casing strings where batch drilling operations occur before moving off the rig. The TA cap will also be installed per Cactus procedure and pressure inside the casing will be monitored via the valve on the TA cap as per standard batch drilling ops.

Production Casing: 5.5, 20 New Semi-Flush, RY P-110 casing to be set at +/- 22963'

Lead: 20 sxs NeoCem (mixed at 11.5 ppg, 2.69 ft3/sx, 15.00 gal/sx water) Top of Cement: 9309 feet
Tail: 940 sxs VersaCem (mixed at 13.2 ppg, 1.51 ft3/sx, 8.38 gal/sx water) Top of Cement: 9809 feet
Compressives: 12-hr = 800 psi 24 hr = 1500 psi

XTO requests the option to offline cement and remediate (if needed) surface and intermediate casing strings where batch drilling is approved and if unplanned remediation is needed. XTO will ensure well is static with no pressure on the csg annulus, as with all other casing strings where batch drilling operations occur before moving off the rig. The TA cap will also be installed when applicable per Cactus procedure and pressure inside the casing will be monitored via the valve on the TA cap as per standard batch drilling ops. Offline cement operations will then be conducted after the rig is moved off the current well to the next well in the batch sequence.

5. Pressure Control Equipment

Once the permanent WH is installed on the surface casing, the blow out preventer equipment (BOP) will consist of a 5M Hydril and a 10M Double Ram BOP.

All BOP testing will be done by an independent service company. Annular pressure tests will be limited to 50% of the working pressure. When nippling up on the 9.625, 5M bradenhead and flange, the BOP test will be limited to 5000 psi. When nippling up on the 7.625, the BOP will be tested to a minimum of 5000 psi. All BOP tests will include a low pressure test as per BLM regulations. The 5M BOP diagrams are attached. Blind rams will be functioned tested each trip, pipe rams will be functioned tested each day.

A variance is requested to allow use of a flex hose as the choke line from the BOP to the Choke Manifold. If this hose is used, a copy of the manufacturer's certification and pressure test chart will be kept on the rig. Attached is an example of a certification and pressure test chart. The manufacturer does not require anchors.

XTO requests a variance to be able to batch drill this well if necessary. In doing so, XTO will set casing and ensure that the well is cemented properly (unless approval is given for offline cementing) and the well is static. With floats holding, no pressure on the csg annulus, and the installation of a 10K TA cap as per Cactus recommendations, XTO will contact the BLM to skid the rig to drill the remaining wells on the pad. Once surface and both intermediate strings are all completed, XTO will begin drilling the production

hole on each of the wells.

6. Proposed Mud Circulation System

INTERVAL	Hole Size	Mud Type	MW (ppg)	Viscosity (sec/qt)	Fluid Loss (cc)	Additional Comments
0' - 981'	12.25	FW/Native	8.7-9.2	35-40	NC	Fresh Water or Native Water
981'-4282'		Salt Saturated	10.5-11			Fully Saturated salt across salado / /salt
4282' - 9609'	8.75	BDE / OBM	9-9.5	30-32	NC	N/A
9609' - 22963'	6.75	OBM	11.5-12	50-60	NC - 20	N/A

The necessary mud products for weight addition and fluid loss control will be on location at all times.

Spud with fresh water/native mud. Drill out from under surface casing with Saturated Salt solution. Saturated Salt mud will be used while drilling through the salt formation. Use fibrous materials as needed to control seepage and lost circulation. Pump viscous sweeps as needed for hole cleaning. Pump speed will be recorded on a daily drilling report after mudding up. A Pason or Totco will be used to detect changes in loss or gain of mud volume. A mud test will be performed every 24 hours to determine: density, viscosity, strength, filtration and pH as necessary. Use available solids controls equipment to help keep mud weight down after mud up. Rig up solids control equipment to operate as a closed loop system.

7. Auxiliary Well Control and Monitoring Equipment

A. A Kelly cock will be in the drill string at all times.
B. A full opening drill pipe stabbing valve having appropriate connections will be on the rig floor at all times.
C. H2S monitors will be on location when drilling below the 9.625 casing.

8. Logging, Coring and Testing Program

Open hole logging will not be done on this well.

9. Abnormal Pressures and Temperatures / Potential Hazards

None Anticipated. BHT of 170 to 190 F is anticipated. No H2S is expected but monitors will be in place to detect any H2S occurrences. Should these circumstances be encountered the operator and drilling contractor are prepared to take all necessary steps to ensure safety of all personnel and environment. Lost circulation could occur but is not expected to be a serious problem in this area and hole seepage will be compensated for by additions of small amounts of LCM in the drilling fluid. The maximum anticipated bottom hole pressure for this well is 5623 psi.

10. Anticipated Starting Date and Duration of Operations

Anticipated spud date will be after BLM approval. Move in operations and drilling is expected to take 40 days.

Well Plan Report - PLU 22-3 BS 114H

Measured Depth:	22962.97 ft
TVD RKB:	10299.00 ft
Location	
Cartographic Reference System:	New Mexico East - NAD 27
Northing:	404105.00 ft
Easting:	673733.10 ft
RKB:	3374.00 ft
Ground Level:	3342.00 ft
North Reference:	Grid
Convergence Angle:	0.30 Deg

Plan Sections PLU 22-3 BS 114H

Measured Depth (ft)	Inclination (Deg)	Azimuth (Deg)	TVD RKB (ft)	Y Offset (ft)	X Offset (ft)	Build Rate (Deg/100ft)	Turn Rate (Deg/100ft)	Dogleg Rate (Deg/100ft)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	
1999.34	17.99	16.90	1984.64	133.96	40.71	2.00	0.00	2.00	
6026.89	17.99	16.90	5815.36	1323.94	402.31	0.00	0.00	0.00	
6926.24	0.00	0.00	6700.00	1457.90	443.01	-2.00	0.00	2.00	
9809.04	0.00	0.00	9582.80	1457.90	443.01	0.00	0.00	0.00	
10934.04	90.00	180.01	10299.00	741.70	442.90	8.00	0.00	8.00	FTP 114H
18034.04	90.00	180.01	10299.00	-6358.30	441.77	0.00	0.00	0.00	
19908.38	90.00	142.52	10299.00	-8101.85	1033.09	-0.00	-2.00	2.00	P2 114H
21408.63	90.00	172.53	10299.00	-9472.36	1600.08	-0.00	2.00	2.00	
22913.55	90.00	172.53	10299.00	-10964.50	1795.80	0.00	0.00	0.00	LTP 114H
22962.97	90.00	172.53	10299.00	-11013.50	1802.23	0.00	0.00	0.00	BHL 114H

Position Uncertainty PLU 22-3 BS 114H

Measured Depth (ft)	Inclination (°)	Azimuth (°)	TVD RKB (ft)	Highside Error (ft)	Highside Bias (ft)	Lateral Error (ft)	Lateral Bias (ft)	Vertical Error (ft)	Vertical Bias (ft)	Magnitude of Bias (ft)	Semi-major Error (ft)	Semi-minor Error (ft)	Semi-minor Azimuth (°)	Tool Used
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	XOM_R2OWSG MWD+IFR1+MS
100.000	0.000	0.000	100.000	0.358	0.000	0.179	0.000	2.300	0.000	0.000	0.358	0.179	90.000	XOM_R2OWSG MWD+IFR1+MS
200.000	0.000	0.000	200.000	0.717	0.000	0.538	0.000	2.310	0.000	0.000	0.717	0.538	90.000	XOM_R2OWSG MWD+IFR1+MS
300.000	0.000	0.000	300.000	1.075	0.000	0.896	0.000	2.325	0.000	0.000	1.075	0.896	90.000	XOM_R2OWSG MWD+IFR1+MS
400.000	0.000	0.000	400.000	1.434	0.000	1.255	0.000	2.347	0.000	0.000	1.434	1.255	90.000	XOM_R2OWSG MWD+IFR1+MS
500.000	0.000	0.000	500.000	1.792	0.000	1.613	0.000	2.374	0.000	0.000	1.792	1.613	90.000	XOM_R2OWSG MWD+IFR1+MS
600.000	0.000	0.000	600.000	2.151	0.000	1.972	0.000	2.406	0.000	0.000	2.151	1.972	90.000	XOM_R2OWSG MWD+IFR1+MS
700.000	0.000	0.000	700.000	2.509	0.000	2.330	0.000	2.443	0.000	0.000	2.509	2.330	90.000	XOM_R2OWSG MWD+IFR1+MS
800.000	0.000	0.000	800.000	2.868	0.000	2.689	0.000	2.485	0.000	0.000	2.868	2.689	90.000	XOM_R2OWSG MWD+IFR1+MS
900.000	0.000	0.000	900.000	3.226	0.000	3.047	0.000	2.531	0.000	0.000	3.226	3.047	90.000	XOM_R2OWSG MWD+IFR1+MS
1000.000	0.000	0.000	1000.000	3.585	0.000	3.405	0.000	2.581	0.000	0.000	3.585	3.405	90.000	XOM_R2OWSG MWD+IFR1+MS
1100.000	0.000	0.000	1100.000	3.943	0.000	3.764	0.000	2.634	0.000	0.000	3.943	3.764	90.000	XOM_R2OWSG MWD+IFR1+MS
1200.000	2.000	16.903	1199.980	4.284	0.000	4.137	0.000	2.690	0.000	0.000	4.301	4.121	90.051	XOM_R2OWSG MWD+IFR1+MS
1300.000	4.000	16.903	1299.838	4.636	0.000	4.493	0.000	2.747	0.000	0.000	4.660	4.478	90.248	XOM_R2OWSG MWD+IFR1+MS
1400.000	6.000	16.903	1399.452	4.982	0.000	4.848	0.000	2.805	0.000	0.000	5.020	4.833	90.476	XOM_R2OWSG MWD+IFR1+MS
1500.000	8.000	16.903	1498.702	5.323	0.000	5.203	0.000	2.865	0.000	0.000	5.379	5.188	90.692	XOM_R2OWSG MWD+IFR1+MS

1600.000	10.000	16.903	1597.465	5.660	0.000	5.558	0.000	2.925	0.000	0.000	5.739	5.543	90.860	XOM_R2OWSG MWD+IFR1+MS
1700.000	12.000	16.903	1695.623	5.992	0.000	5.914	0.000	2.988	0.000	0.000	6.099	5.898	90.951	XOM_R2OWSG MWD+IFR1+MS
1800.000	14.000	16.903	1793.055	6.320	0.000	6.271	0.000	3.054	0.000	0.000	6.459	6.255	90.938	XOM_R2OWSG MWD+IFR1+MS
1900.000	16.000	16.903	1889.643	6.645	0.000	6.630	0.000	3.125	0.000	0.000	6.820	6.614	90.793	XOM_R2OWSG MWD+IFR1+MS
1999.342	17.987	16.903	1984.643	6.965	0.000	6.990	0.000	3.200	0.000	0.000	7.181	6.973	90.488	XOM_R2OWSG MWD+IFR1+MS
2100.000	17.987	16.903	2080.381	7.344	0.000	7.358	0.000	3.290	0.000	0.000	7.545	7.340	89.789	XOM_R2OWSG MWD+IFR1+MS
2200.000	17.987	16.903	2175.494	7.725	0.000	7.728	0.000	3.393	0.000	0.000	7.907	7.708	88.814	XOM_R2OWSG MWD+IFR1+MS
2300.000	17.987	16.903	2270.607	8.110	0.000	8.100	0.000	3.500	0.000	0.000	8.274	8.080	87.838	XOM_R2OWSG MWD+IFR1+MS
2400.000	17.987	16.903	2365.719	8.498	0.000	8.476	0.000	3.612	0.000	0.000	8.643	8.454	86.863	XOM_R2OWSG MWD+IFR1+MS
2500.000	17.987	16.903	2460.832	8.890	0.000	8.854	0.000	3.728	0.000	0.000	9.016	8.830	85.890	XOM_R2OWSG MWD+IFR1+MS
2600.000	17.987	16.903	2555.945	9.283	0.000	9.234	0.000	3.848	0.000	0.000	9.391	9.209	84.921	XOM_R2OWSG MWD+IFR1+MS
2700.000	17.987	16.903	2651.058	9.679	0.000	9.616	0.000	3.971	0.000	0.000	9.768	9.589	83.957	XOM_R2OWSG MWD+IFR1+MS
2800.000	17.987	16.903	2746.170	10.077	0.000	10.000	0.000	4.097	0.000	0.000	10.148	9.971	83.001	XOM_R2OWSG MWD+IFR1+MS
2900.000	17.987	16.903	2841.283	10.477	0.000	10.385	0.000	4.226	0.000	0.000	10.529	10.354	82.055	XOM_R2OWSG MWD+IFR1+MS
3000.000	17.987	16.903	2936.396	10.878	0.000	10.772	0.000	4.358	0.000	0.000	10.912	10.739	81.120	XOM_R2OWSG MWD+IFR1+MS
3100.000	17.987	16.903	3031.509	11.280	0.000	11.160	0.000	4.493	0.000	0.000	11.296	11.125	80.198	XOM_R2OWSG MWD+IFR1+MS
3200.000	17.987	16.903	3126.621	11.684	0.000	11.548	0.000	4.629	0.000	0.000	11.681	11.512	79.291	XOM_R2OWSG MWD+IFR1+MS
3300.000	17.987	16.903	3221.734	12.089	0.000	11.938	0.000	4.769	0.000	0.000	12.068	11.900	78.400	XOM_R2OWSG MWD+IFR1+MS
3400.000	17.987	16.903	3316.847	12.495	0.000	12.329	0.000	4.910	0.000	0.000	12.456	12.288	77.527	XOM_R2OWSG MWD+IFR1+MS
3500.000	17.987	16.903	3411.960	12.902	0.000	12.720	0.000	5.053	0.000	0.000	12.845	12.678	76.673	XOM_R2OWSG MWD+IFR1+MS

3600.000	17.987	16.903	3507.072	13.309	0.000	13.112	0.000	5.198	0.000	0.000	13.234	13.068	75.839	XOM_R2OWSG MWD+IFR1+MS
3700.000	17.987	16.903	3602.185	13.718	0.000	13.505	0.000	5.345	0.000	0.000	13.625	13.458	75.026	XOM_R2OWSG MWD+IFR1+MS
3800.000	17.987	16.903	3697.298	14.127	0.000	13.898	0.000	5.494	0.000	0.000	14.016	13.850	74.236	XOM_R2OWSG MWD+IFR1+MS
3900.000	17.987	16.903	3792.411	14.536	0.000	14.292	0.000	5.644	0.000	0.000	14.408	14.242	73.468	XOM_R2OWSG MWD+IFR1+MS
4000.000	17.987	16.903	3887.523	14.947	0.000	14.687	0.000	5.797	0.000	0.000	14.801	14.634	72.723	XOM_R2OWSG MWD+IFR1+MS
4100.000	17.987	16.903	3982.636	15.357	0.000	15.082	0.000	5.950	0.000	0.000	15.194	15.027	72.002	XOM_R2OWSG MWD+IFR1+MS
4200.000	17.987	16.903	4077.749	15.769	0.000	15.477	0.000	6.106	0.000	0.000	15.588	15.420	71.306	XOM_R2OWSG MWD+IFR1+MS
4300.000	17.987	16.903	4172.862	16.180	0.000	15.873	0.000	6.263	0.000	0.000	15.982	15.813	70.634	XOM_R2OWSG MWD+IFR1+MS
4400.000	17.987	16.903	4267.974	16.593	0.000	16.269	0.000	6.421	0.000	0.000	16.377	16.207	69.986	XOM_R2OWSG MWD+IFR1+MS
4500.000	17.987	16.903	4363.087	17.005	0.000	16.665	0.000	6.581	0.000	0.000	16.772	16.602	69.363	XOM_R2OWSG MWD+IFR1+MS
4600.000	17.987	16.903	4458.200	17.418	0.000	17.062	0.000	6.743	0.000	0.000	17.168	16.996	68.763	XOM_R2OWSG MWD+IFR1+MS
4700.000	17.987	16.903	4553.313	17.831	0.000	17.459	0.000	6.906	0.000	0.000	17.564	17.391	68.189	XOM_R2OWSG MWD+IFR1+MS
4800.000	17.987	16.903	4648.425	18.245	0.000	17.856	0.000	7.070	0.000	0.000	17.960	17.786	67.638	XOM_R2OWSG MWD+IFR1+MS
4900.000	17.987	16.903	4743.538	18.659	0.000	18.254	0.000	7.236	0.000	0.000	18.357	18.182	67.110	XOM_R2OWSG MWD+IFR1+MS
5000.000	17.987	16.903	4838.651	19.073	0.000	18.652	0.000	7.404	0.000	0.000	18.754	18.578	66.606	XOM_R2OWSG MWD+IFR1+MS
5100.000	17.987	16.903	4933.764	19.487	0.000	19.050	0.000	7.573	0.000	0.000	19.152	18.973	66.125	XOM_R2OWSG MWD+IFR1+MS
5200.000	17.987	16.903	5028.876	19.902	0.000	19.448	0.000	7.743	0.000	0.000	19.550	19.370	65.666	XOM_R2OWSG MWD+IFR1+MS
5300.000	17.987	16.903	5123.989	20.317	0.000	19.846	0.000	7.915	0.000	0.000	19.948	19.766	65.229	XOM_R2OWSG MWD+IFR1+MS
5400.000	17.987	16.903	5219.102	20.732	0.000	20.245	0.000	8.088	0.000	0.000	20.346	20.163	64.814	XOM_R2OWSG MWD+IFR1+MS
5500.000	17.987	16.903	5314.215	21.147	0.000	20.644	0.000	8.263	0.000	0.000	20.744	20.559	64.420	XOM_R2OWSG MWD+IFR1+MS

5600.000	17.987	16.903	5409.327	21.562	0.000	21.043	0.000	8.439	0.000	0.000	21.143	20.956	64.046	XOM_R2OWSG MWD+IFR1+MS
5700.000	17.987	16.903	5504.440	21.978	0.000	21.442	0.000	8.617	0.000	0.000	21.542	21.354	63.692	XOM_R2OWSG MWD+IFR1+MS
5800.000	17.987	16.903	5599.553	22.394	0.000	21.841	0.000	8.797	0.000	0.000	21.941	21.751	63.359	XOM_R2OWSG MWD+IFR1+MS
5900.000	17.987	16.903	5694.666	22.810	0.000	22.241	0.000	8.978	0.000	0.000	22.340	22.149	63.044	XOM_R2OWSG MWD+IFR1+MS
6000.000	17.987	16.903	5789.778	23.226	0.000	22.640	0.000	9.160	0.000	0.000	22.740	22.546	62.748	XOM_R2OWSG MWD+IFR1+MS
6026.893	17.987	16.903	5815.357	23.338	0.000	22.748	0.000	9.209	0.000	0.000	22.847	22.653	62.690	XOM_R2OWSG MWD+IFR1+MS
6100.000	16.525	16.903	5885.172	23.669	0.000	23.038	0.000	9.343	0.000	0.000	23.138	22.942	62.484	XOM_R2OWSG MWD+IFR1+MS
6200.000	14.525	16.903	5981.518	24.091	0.000	23.429	0.000	9.522	0.000	0.000	23.529	23.332	62.377	XOM_R2OWSG MWD+IFR1+MS
6300.000	12.525	16.903	6078.740	24.477	0.000	23.812	0.000	9.693	0.000	0.000	23.913	23.714	62.511	XOM_R2OWSG MWD+IFR1+MS
6400.000	10.525	16.903	6176.719	24.826	0.000	24.186	0.000	9.855	0.000	0.000	24.289	24.089	62.820	XOM_R2OWSG MWD+IFR1+MS
6500.000	8.525	16.903	6275.335	25.136	0.000	24.552	0.000	10.011	0.000	0.000	24.657	24.456	63.208	XOM_R2OWSG MWD+IFR1+MS
6600.000	6.525	16.903	6374.469	25.408	0.000	24.909	0.000	10.160	0.000	0.000	25.016	24.814	63.585	XOM_R2OWSG MWD+IFR1+MS
6700.000	4.525	16.903	6474.000	25.641	0.000	25.257	0.000	10.302	0.000	0.000	25.365	25.162	63.872	XOM_R2OWSG MWD+IFR1+MS
6800.000	2.525	16.903	6573.805	25.835	0.000	25.596	0.000	10.439	0.000	0.000	25.704	25.501	63.996	XOM_R2OWSG MWD+IFR1+MS
6900.000	0.525	16.903	6673.765	25.989	0.000	25.925	0.000	10.572	0.000	0.000	26.033	25.830	63.891	XOM_R2OWSG MWD+IFR1+MS
6926.235	0.000	0.000	6700.000	26.078	0.000	25.954	0.000	10.606	0.000	0.000	26.118	25.914	63.804	XOM_R2OWSG MWD+IFR1+MS
7000.000	0.000	0.000	6773.765	26.315	0.000	26.192	0.000	10.701	0.000	0.000	26.355	26.151	63.502	XOM_R2OWSG MWD+IFR1+MS
7100.000	0.000	0.000	6873.765	26.636	0.000	26.514	0.000	10.834	0.000	0.000	26.678	26.472	63.106	XOM_R2OWSG MWD+IFR1+MS
7200.000	0.000	0.000	6973.765	26.958	0.000	26.838	0.000	10.969	0.000	0.000	27.002	26.794	62.726	XOM_R2OWSG MWD+IFR1+MS
7300.000	0.000	0.000	7073.765	27.282	0.000	27.162	0.000	11.107	0.000	0.000	27.326	27.117	62.360	XOM_R2OWSG MWD+IFR1+MS

7400.000	0.000	0.000	7173.765	27.606	0.000	27.488	0.000	11.249	0.000	0.000	27.652	27.441	62.008	XOM_R2OWSG MWD+IFR1+MS
7500.000	0.000	0.000	7273.765	27.930	0.000	27.814	0.000	11.393	0.000	0.000	27.978	27.766	61.669	XOM_R2OWSG MWD+IFR1+MS
7600.000	0.000	0.000	7373.765	28.256	0.000	28.141	0.000	11.540	0.000	0.000	28.305	28.091	61.343	XOM_R2OWSG MWD+IFR1+MS
7700.000	0.000	0.000	7473.765	28.583	0.000	28.468	0.000	11.690	0.000	0.000	28.633	28.418	61.028	XOM_R2OWSG MWD+IFR1+MS
7800.000	0.000	0.000	7573.765	28.910	0.000	28.797	0.000	11.844	0.000	0.000	28.962	28.745	60.725	XOM_R2OWSG MWD+IFR1+MS
7900.000	0.000	0.000	7673.765	29.238	0.000	29.126	0.000	12.000	0.000	0.000	29.291	29.072	60.433	XOM_R2OWSG MWD+IFR1+MS
8000.000	0.000	0.000	7773.765	29.566	0.000	29.455	0.000	12.160	0.000	0.000	29.621	29.401	60.151	XOM_R2OWSG MWD+IFR1+MS
8100.000	0.000	0.000	7873.765	29.896	0.000	29.786	0.000	12.323	0.000	0.000	29.951	29.730	59.879	XOM_R2OWSG MWD+IFR1+MS
8200.000	0.000	0.000	7973.765	30.226	0.000	30.117	0.000	12.489	0.000	0.000	30.283	30.060	59.616	XOM_R2OWSG MWD+IFR1+MS
8300.000	0.000	0.000	8073.765	30.556	0.000	30.449	0.000	12.658	0.000	0.000	30.615	30.390	59.363	XOM_R2OWSG MWD+IFR1+MS
8400.000	0.000	0.000	8173.765	30.888	0.000	30.781	0.000	12.830	0.000	0.000	30.947	30.721	59.117	XOM_R2OWSG MWD+IFR1+MS
8500.000	0.000	0.000	8273.765	31.220	0.000	31.114	0.000	13.006	0.000	0.000	31.280	31.053	58.880	XOM_R2OWSG MWD+IFR1+MS
8600.000	0.000	0.000	8373.765	31.552	0.000	31.447	0.000	13.184	0.000	0.000	31.614	31.385	58.651	XOM_R2OWSG MWD+IFR1+MS
8700.000	0.000	0.000	8473.765	31.885	0.000	31.781	0.000	13.366	0.000	0.000	31.948	31.718	58.429	XOM_R2OWSG MWD+IFR1+MS
8800.000	0.000	0.000	8573.765	32.219	0.000	32.116	0.000	13.552	0.000	0.000	32.283	32.052	58.214	XOM_R2OWSG MWD+IFR1+MS
8900.000	0.000	0.000	8673.765	32.553	0.000	32.451	0.000	13.740	0.000	0.000	32.618	32.386	58.006	XOM_R2OWSG MWD+IFR1+MS
9000.000	0.000	0.000	8773.765	32.887	0.000	32.787	0.000	13.932	0.000	0.000	32.954	32.720	57.804	XOM_R2OWSG MWD+IFR1+MS
9100.000	0.000	0.000	8873.765	33.223	0.000	33.123	0.000	14.127	0.000	0.000	33.290	33.055	57.609	XOM_R2OWSG MWD+IFR1+MS
9200.000	0.000	0.000	8973.765	33.558	0.000	33.459	0.000	14.325	0.000	0.000	33.626	33.390	57.419	XOM_R2OWSG MWD+IFR1+MS
9300.000	0.000	0.000	9073.765	33.894	0.000	33.796	0.000	14.526	0.000	0.000	33.963	33.726	57.235	XOM_R2OWSG MWD+IFR1+MS

9400.000	0.000	0.000	9173.765	34.231	0.000	34.133	0.000	14.731	0.000	0.000	34.301	34.063	57.057	XOM_R2OWSG MWD+IFR1+MS
9500.000	0.000	0.000	9273.765	34.568	0.000	34.471	0.000	14.939	0.000	0.000	34.639	34.399	56.884	XOM_R2OWSG MWD+IFR1+MS
9600.000	0.000	0.000	9373.765	34.905	0.000	34.809	0.000	15.150	0.000	0.000	34.977	34.737	56.716	XOM_R2OWSG MWD+IFR1+MS
9700.000	0.000	0.000	9473.765	35.243	0.000	35.148	0.000	15.365	0.000	0.000	35.316	35.074	56.553	XOM_R2OWSG MWD+IFR1+MS
9809.038	0.000	0.000	9582.803	35.612	0.000	35.518	0.000	15.603	0.000	0.000	35.686	35.443	56.380	XOM_R2OWSG MWD+IFR1+MS
9900.000	7.277	180.009	9673.520	35.009	-0.000	35.804	0.000	15.797	0.000	0.000	35.967	35.724	55.116	XOM_R2OWSG MWD+IFR1+MS
10000.000	15.277	180.009	9771.510	33.771	-0.000	36.079	0.000	15.998	0.000	0.000	36.228	35.986	51.719	XOM_R2OWSG MWD+IFR1+MS
10100.000	23.277	180.009	9865.827	31.993	-0.000	36.324	0.000	16.187	0.000	0.000	36.453	36.208	46.586	XOM_R2OWSG MWD+IFR1+MS
10200.000	31.277	180.009	9954.635	29.748	-0.000	36.535	0.000	16.369	0.000	0.000	36.642	36.384	40.134	XOM_R2OWSG MWD+IFR1+MS
10300.000	39.277	180.009	10036.205	27.143	-0.000	36.712	0.000	16.549	0.000	0.000	36.799	36.513	33.412	XOM_R2OWSG MWD+IFR1+MS
10400.000	47.277	180.009	10108.951	24.329	-0.000	36.854	0.000	16.735	0.000	0.000	36.924	36.596	27.442	XOM_R2OWSG MWD+IFR1+MS
10500.000	55.277	180.009	10171.456	21.526	-0.000	36.962	0.000	16.936	0.000	0.000	37.017	36.641	22.640	XOM_R2OWSG MWD+IFR1+MS
10600.000	63.277	180.009	10222.503	19.048	-0.000	37.035	0.000	17.160	0.000	0.000	37.080	36.656	18.923	XOM_R2OWSG MWD+IFR1+MS
10700.000	71.277	180.009	10261.100	17.314	-0.000	37.076	0.000	17.414	0.000	0.000	37.111	36.653	16.047	XOM_R2OWSG MWD+IFR1+MS
10800.000	79.277	180.009	10286.494	16.755	-0.000	37.085	0.000	17.700	0.000	0.000	37.111	36.643	13.784	XOM_R2OWSG MWD+IFR1+MS
10900.000	87.277	180.009	10298.191	17.568	-0.000	37.063	0.000	18.018	0.000	0.000	37.082	36.638	11.969	XOM_R2OWSG MWD+IFR1+MS
10934.038	90.000	180.009	10299.000	18.132	0.000	37.047	0.000	18.132	0.000	0.000	37.064	36.640	11.466	XOM_R2OWSG MWD+IFR1+MS
11000.000	90.000	180.009	10299.000	18.363	0.000	37.018	0.000	18.363	0.000	0.000	37.030	36.643	10.256	XOM_R2OWSG MWD+IFR1+MS
11100.000	90.000	180.009	10299.000	18.735	0.000	36.988	0.000	18.735	0.000	0.000	36.994	36.649	7.587	XOM_R2OWSG MWD+IFR1+MS
11200.000	90.000	180.009	10299.000	19.133	0.000	36.975	0.000	19.133	0.000	0.000	36.976	36.653	4.033	XOM_R2OWSG MWD+IFR1+MS

11300.000	90.000	180.009	10299.000	19.553	0.000	36.977	0.000	19.553	0.000	0.000	36.977	36.655	0.019	XOM_R2OWSG MWD+IFR1+MS
11400.000	90.000	180.009	10299.000	19.996	0.000	36.995	0.000	19.996	0.000	0.000	36.996	36.655	-3.780	XOM_R2OWSG MWD+IFR1+MS
11500.000	90.000	180.009	10299.000	20.459	0.000	37.028	0.000	20.459	0.000	0.000	37.033	36.653	-6.830	XOM_R2OWSG MWD+IFR1+MS
11600.000	90.000	180.009	10299.000	20.941	0.000	37.077	0.000	20.941	0.000	0.000	37.088	36.650	-8.964	XOM_R2OWSG MWD+IFR1+MS
11700.000	90.000	180.009	10299.000	21.441	0.000	37.142	0.000	21.441	0.000	0.000	37.159	36.647	-10.288	XOM_R2OWSG MWD+IFR1+MS
11800.000	90.000	180.009	10299.000	21.958	0.000	37.223	0.000	21.958	0.000	0.000	37.245	36.645	-10.998	XOM_R2OWSG MWD+IFR1+MS
11900.000	90.000	180.009	10299.000	22.490	0.000	37.319	0.000	22.490	0.000	0.000	37.346	36.644	-11.283	XOM_R2OWSG MWD+IFR1+MS
12000.000	90.000	180.009	10299.000	23.037	0.000	37.430	0.000	23.037	0.000	0.000	37.461	36.645	-11.288	XOM_R2OWSG MWD+IFR1+MS
12100.000	90.000	180.009	10299.000	23.597	0.000	37.557	0.000	23.597	0.000	0.000	37.592	36.646	-11.115	XOM_R2OWSG MWD+IFR1+MS
12200.000	90.000	180.009	10299.000	24.170	0.000	37.699	0.000	24.170	0.000	0.000	37.737	36.649	-10.836	XOM_R2OWSG MWD+IFR1+MS
12300.000	90.000	180.009	10299.000	24.754	0.000	37.855	0.000	24.754	0.000	0.000	37.896	36.653	-10.496	XOM_R2OWSG MWD+IFR1+MS
12400.000	90.000	180.009	10299.000	25.349	0.000	38.027	0.000	25.349	0.000	0.000	38.070	36.658	-10.127	XOM_R2OWSG MWD+IFR1+MS
12500.000	90.000	180.009	10299.000	25.955	0.000	38.213	0.000	25.955	0.000	0.000	38.258	36.664	-9.746	XOM_R2OWSG MWD+IFR1+MS
12600.000	90.000	180.009	10299.000	26.569	0.000	38.413	0.000	26.569	0.000	0.000	38.459	36.671	-9.368	XOM_R2OWSG MWD+IFR1+MS
12700.000	90.000	180.009	10299.000	27.193	0.000	38.627	0.000	27.193	0.000	0.000	38.675	36.679	-8.999	XOM_R2OWSG MWD+IFR1+MS
12800.000	90.000	180.009	10299.000	27.824	0.000	38.855	0.000	27.824	0.000	0.000	38.904	36.688	-8.644	XOM_R2OWSG MWD+IFR1+MS
12900.000	90.000	180.009	10299.000	28.463	0.000	39.097	0.000	28.463	0.000	0.000	39.147	36.697	-8.305	XOM_R2OWSG MWD+IFR1+MS
13000.000	90.000	180.009	10299.000	29.110	0.000	39.352	0.000	29.110	0.000	0.000	39.403	36.708	-7.983	XOM_R2OWSG MWD+IFR1+MS
13100.000	90.000	180.009	10299.000	29.763	0.000	39.620	0.000	29.763	0.000	0.000	39.671	36.719	-7.679	XOM_R2OWSG MWD+IFR1+MS
13200.000	90.000	180.009	10299.000	30.422	0.000	39.901	0.000	30.422	0.000	0.000	39.953	36.731	-7.392	XOM_R2OWSG MWD+IFR1+MS

13300.000	90.000	180.009	10299.000	31.087	0.000	40.195	0.000	31.087	0.000	0.000	40.247	36.743	-7.122	XOM_R2OWSG MWD+IFR1+MS
13400.000	90.000	180.009	10299.000	31.757	0.000	40.501	0.000	31.757	0.000	0.000	40.553	36.757	-6.867	XOM_R2OWSG MWD+IFR1+MS
13500.000	90.000	180.009	10299.000	32.433	0.000	40.819	0.000	32.433	0.000	0.000	40.871	36.771	-6.628	XOM_R2OWSG MWD+IFR1+MS
13600.000	90.000	180.009	10299.000	33.113	0.000	41.149	0.000	33.113	0.000	0.000	41.201	36.785	-6.402	XOM_R2OWSG MWD+IFR1+MS
13700.000	90.000	180.009	10299.000	33.798	0.000	41.490	0.000	33.798	0.000	0.000	41.542	36.801	-6.189	XOM_R2OWSG MWD+IFR1+MS
13800.000	90.000	180.009	10299.000	34.488	0.000	41.842	0.000	34.488	0.000	0.000	41.894	36.817	-5.989	XOM_R2OWSG MWD+IFR1+MS
13900.000	90.000	180.009	10299.000	35.181	0.000	42.205	0.000	35.181	0.000	0.000	42.257	36.834	-5.800	XOM_R2OWSG MWD+IFR1+MS
14000.000	90.000	180.009	10299.000	35.878	0.000	42.579	0.000	35.878	0.000	0.000	42.631	36.851	-5.621	XOM_R2OWSG MWD+IFR1+MS
14100.000	90.000	180.009	10299.000	36.578	0.000	42.964	0.000	36.578	0.000	0.000	43.015	36.869	-5.452	XOM_R2OWSG MWD+IFR1+MS
14200.000	90.000	180.009	10299.000	37.282	0.000	43.358	0.000	37.282	0.000	0.000	43.409	36.888	-5.293	XOM_R2OWSG MWD+IFR1+MS
14300.000	90.000	180.009	10299.000	37.989	0.000	43.762	0.000	37.989	0.000	0.000	43.813	36.907	-5.141	XOM_R2OWSG MWD+IFR1+MS
14400.000	90.000	180.009	10299.000	38.699	0.000	44.175	0.000	38.699	0.000	0.000	44.227	36.927	-4.998	XOM_R2OWSG MWD+IFR1+MS
14500.000	90.000	180.009	10299.000	39.412	0.000	44.598	0.000	39.412	0.000	0.000	44.649	36.948	-4.862	XOM_R2OWSG MWD+IFR1+MS
14600.000	90.000	180.009	10299.000	40.128	0.000	45.030	0.000	40.128	0.000	0.000	45.081	36.969	-4.732	XOM_R2OWSG MWD+IFR1+MS
14700.000	90.000	180.009	10299.000	40.846	0.000	45.471	0.000	40.846	0.000	0.000	45.521	36.992	-4.609	XOM_R2OWSG MWD+IFR1+MS
14800.000	90.000	180.009	10299.000	41.567	0.000	45.920	0.000	41.567	0.000	0.000	45.970	37.014	-4.492	XOM_R2OWSG MWD+IFR1+MS
14900.000	90.000	180.009	10299.000	42.289	0.000	46.377	0.000	42.289	0.000	0.000	46.427	37.037	-4.381	XOM_R2OWSG MWD+IFR1+MS
15000.000	90.000	180.009	10299.000	43.014	0.000	46.843	0.000	43.014	0.000	0.000	46.892	37.061	-4.274	XOM_R2OWSG MWD+IFR1+MS
15100.000	90.000	180.009	10299.000	43.742	0.000	47.316	0.000	43.742	0.000	0.000	47.365	37.086	-4.173	XOM_R2OWSG MWD+IFR1+MS
15200.000	90.000	180.009	10299.000	44.471	0.000	47.797	0.000	44.471	0.000	0.000	47.845	37.111	-4.076	XOM_R2OWSG MWD+IFR1+MS

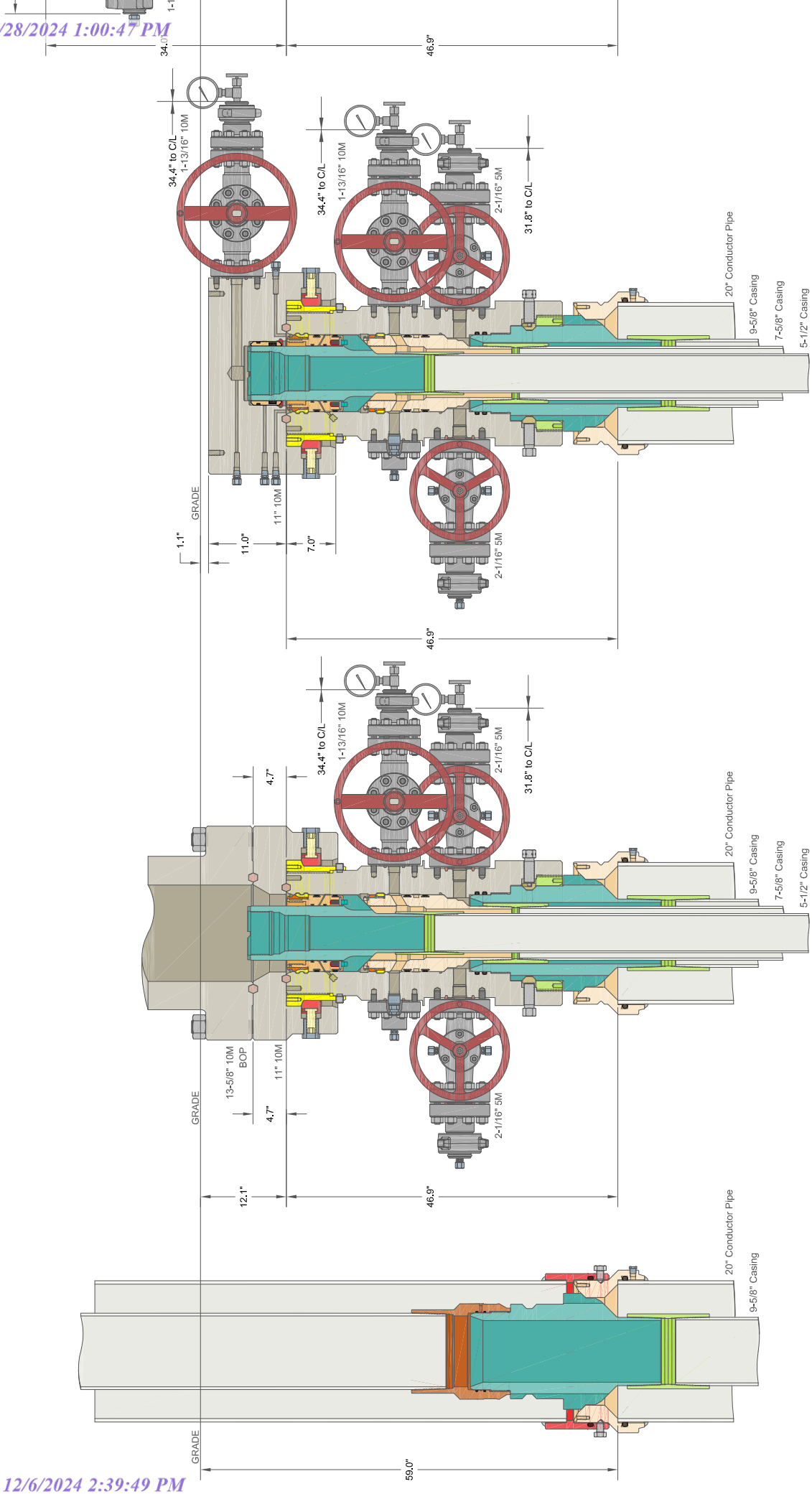
15300.000	90.000	180.009	10299.000	45.201	0.000	48.285	0.000	45.201	0.000	0.000	48.333	37.137	-3.983	XOM_R2OWSG MWD+IFR1+MS
15400.000	90.000	180.009	10299.000	45.934	0.000	48.780	0.000	45.934	0.000	0.000	48.827	37.163	-3.894	XOM_R2OWSG MWD+IFR1+MS
15500.000	90.000	180.009	10299.000	46.668	0.000	49.282	0.000	46.668	0.000	0.000	49.329	37.191	-3.809	XOM_R2OWSG MWD+IFR1+MS
15600.000	90.000	180.009	10299.000	47.404	0.000	49.790	0.000	47.404	0.000	0.000	49.837	37.218	-3.727	XOM_R2OWSG MWD+IFR1+MS
15700.000	90.000	180.009	10299.000	48.142	0.000	50.305	0.000	48.142	0.000	0.000	50.352	37.247	-3.649	XOM_R2OWSG MWD+IFR1+MS
15800.000	90.000	180.009	10299.000	48.881	0.000	50.827	0.000	48.881	0.000	0.000	50.873	37.276	-3.574	XOM_R2OWSG MWD+IFR1+MS
15900.000	90.000	180.009	10299.000	49.621	0.000	51.354	0.000	49.621	0.000	0.000	51.400	37.305	-3.502	XOM_R2OWSG MWD+IFR1+MS
16000.000	90.000	180.009	10299.000	50.363	0.000	51.888	0.000	50.363	0.000	0.000	51.933	37.335	-3.432	XOM_R2OWSG MWD+IFR1+MS
16100.000	90.000	180.009	10299.000	51.106	0.000	52.427	0.000	51.106	0.000	0.000	52.472	37.366	-3.366	XOM_R2OWSG MWD+IFR1+MS
16200.000	90.000	180.009	10299.000	51.850	0.000	52.972	0.000	51.850	0.000	0.000	53.016	37.398	-3.301	XOM_R2OWSG MWD+IFR1+MS
16300.000	90.000	180.009	10299.000	52.596	0.000	53.522	0.000	52.596	0.000	0.000	53.566	37.430	-3.239	XOM_R2OWSG MWD+IFR1+MS
16400.000	90.000	180.009	10299.000	53.342	0.000	54.077	0.000	53.342	0.000	0.000	54.120	37.462	-3.180	XOM_R2OWSG MWD+IFR1+MS
16500.000	90.000	180.009	10299.000	54.090	0.000	54.637	0.000	54.090	0.000	0.000	54.680	37.495	-3.122	XOM_R2OWSG MWD+IFR1+MS
16600.000	90.000	180.009	10299.000	54.839	0.000	55.202	0.000	54.839	0.000	0.000	55.245	37.529	-3.066	XOM_R2OWSG MWD+IFR1+MS
16700.000	90.000	180.009	10299.000	55.588	0.000	55.772	0.000	55.588	0.000	0.000	55.815	37.564	-3.013	XOM_R2OWSG MWD+IFR1+MS
16800.000	90.000	180.009	10299.000	56.339	0.000	56.347	0.000	56.339	0.000	0.000	56.389	37.599	-2.961	XOM_R2OWSG MWD+IFR1+MS
16900.000	90.000	180.009	10299.000	57.091	0.000	56.926	0.000	57.091	0.000	0.000	56.967	37.634	-2.911	XOM_R2OWSG MWD+IFR1+MS
17000.000	90.000	180.009	10299.000	57.843	0.000	57.509	0.000	57.843	0.000	0.000	57.550	37.671	-2.862	XOM_R2OWSG MWD+IFR1+MS
17100.000	90.000	180.009	10299.000	58.596	0.000	58.097	0.000	58.596	0.000	0.000	58.137	37.707	-2.815	XOM_R2OWSG MWD+IFR1+MS
17200.000	90.000	180.009	10299.000	59.351	0.000	58.688	0.000	59.351	0.000	0.000	58.729	37.745	-2.770	XOM_R2OWSG MWD+IFR1+MS

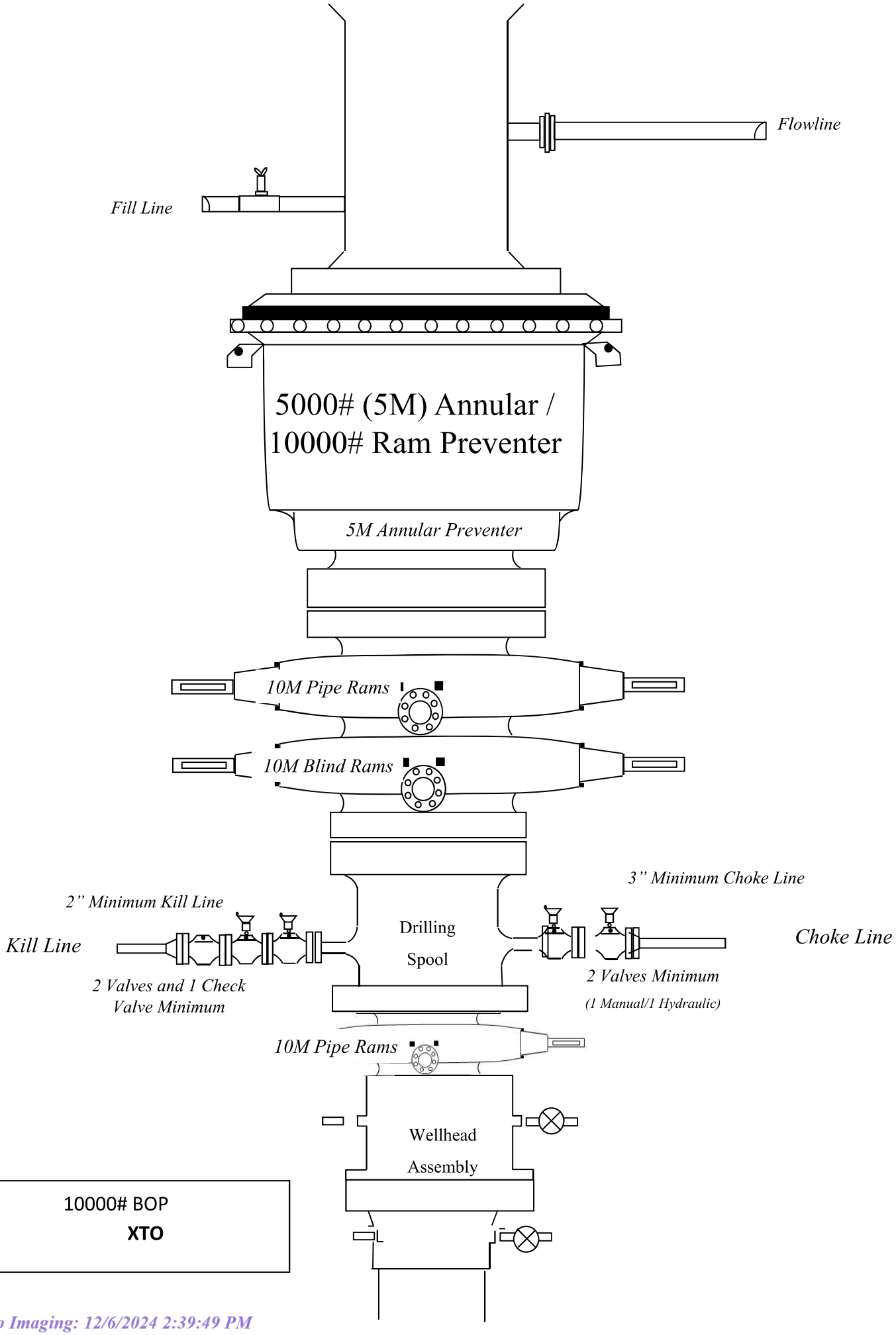
17300.000	90.000	180.009	10299.000	60.105	0.000	59.284	0.000	60.105	0.000	0.000	59.324	37.783	-2.726	XOM_R2OWSG MWD+IFR1+MS
17400.000	90.000	180.009	10299.000	60.861	0.000	59.883	0.000	60.861	0.000	0.000	59.923	37.822	-2.683	XOM_R2OWSG MWD+IFR1+MS
17500.000	90.000	180.009	10299.000	61.617	0.000	60.486	0.000	61.617	0.000	0.000	60.526	37.861	-2.641	XOM_R2OWSG MWD+IFR1+MS
17600.000	90.000	180.009	10299.000	62.375	0.000	61.093	0.000	62.375	0.000	0.000	61.132	37.901	-2.601	XOM_R2OWSG MWD+IFR1+MS
17700.000	90.000	180.009	10299.000	63.132	0.000	61.703	0.000	63.132	0.000	0.000	61.742	37.941	-2.562	XOM_R2OWSG MWD+IFR1+MS
17800.000	90.000	180.009	10299.000	63.891	0.000	62.317	0.000	63.891	0.000	0.000	62.355	37.982	-2.524	XOM_R2OWSG MWD+IFR1+MS
17900.000	90.000	180.009	10299.000	64.650	0.000	62.934	0.000	64.650	0.000	0.000	62.972	38.023	-2.488	XOM_R2OWSG MWD+IFR1+MS
18000.000	90.000	180.009	10299.000	65.409	0.000	63.554	0.000	65.409	0.000	0.000	63.591	38.066	-2.452	XOM_R2OWSG MWD+IFR1+MS
18034.040	90.000	180.009	10299.000	65.668	0.000	63.765	0.000	65.668	0.000	0.000	63.802	38.080	-2.440	XOM_R2OWSG MWD+IFR1+MS
18100.000	90.000	178.690	10299.000	66.170	0.000	64.206	-0.000	66.170	0.000	0.000	64.214	38.108	-2.422	XOM_R2OWSG MWD+IFR1+MS
18200.000	90.000	176.690	10299.000	66.930	0.000	64.838	-0.000	66.930	0.000	0.000	64.843	38.152	-2.418	XOM_R2OWSG MWD+IFR1+MS
18300.000	90.000	174.690	10299.000	67.692	0.000	65.424	-0.000	67.692	0.000	0.000	65.478	38.196	-2.442	XOM_R2OWSG MWD+IFR1+MS
18400.000	90.000	172.690	10299.000	68.454	0.000	65.962	-0.000	68.454	0.000	0.000	66.117	38.240	-2.494	XOM_R2OWSG MWD+IFR1+MS
18500.000	90.000	170.690	10299.000	69.216	0.000	66.451	-0.000	69.216	0.000	0.000	66.760	38.285	-2.573	XOM_R2OWSG MWD+IFR1+MS
18600.000	90.000	168.690	10299.000	69.979	0.000	66.889	-0.000	69.979	0.000	0.000	67.405	38.330	-2.677	XOM_R2OWSG MWD+IFR1+MS
18700.000	90.000	166.690	10299.000	70.742	0.000	67.277	-0.000	70.742	0.000	0.000	68.052	38.375	-2.807	XOM_R2OWSG MWD+IFR1+MS
18800.000	90.000	164.690	10299.000	71.506	0.000	67.612	-0.000	71.506	0.000	0.000	68.700	38.421	-2.960	XOM_R2OWSG MWD+IFR1+MS
18900.000	90.000	162.690	10299.000	72.270	0.000	67.894	-0.000	72.270	0.000	0.000	69.348	38.467	-3.137	XOM_R2OWSG MWD+IFR1+MS
19000.000	90.000	160.690	10299.000	73.035	0.000	68.123	-0.000	73.035	0.000	0.000	69.996	38.514	-3.336	XOM_R2OWSG MWD+IFR1+MS
19100.000	90.000	158.690	10299.000	73.800	0.000	68.298	-0.000	73.800	0.000	0.000	70.642	38.561	-3.556	XOM_R2OWSG MWD+IFR1+MS

19200.000	90.000	156.690	10299.000	74.566	0.000	68.419	-0.000	74.566	0.000	0.000	71.287	38.609	-3.798	XOM_R2OWSG MWD+IFR1+MS
19300.000	90.000	154.690	10299.000	75.332	0.000	68.487	-0.000	75.332	0.000	0.000	71.929	38.657	-4.060	XOM_R2OWSG MWD+IFR1+MS
19400.000	90.000	152.690	10299.000	76.098	0.000	68.501	-0.000	76.098	0.000	0.000	72.568	38.707	-4.342	XOM_R2OWSG MWD+IFR1+MS
19500.000	90.000	150.690	10299.000	76.865	0.000	68.462	-0.000	76.865	0.000	0.000	73.204	38.757	-4.643	XOM_R2OWSG MWD+IFR1+MS
19600.000	90.000	148.690	10299.000	77.632	0.000	68.370	-0.000	77.632	0.000	0.000	73.835	38.809	-4.962	XOM_R2OWSG MWD+IFR1+MS
19700.000	90.000	146.690	10299.000	78.399	0.000	68.225	-0.000	78.399	0.000	0.000	74.461	38.862	-5.299	XOM_R2OWSG MWD+IFR1+MS
19800.000	90.000	144.690	10299.000	79.167	0.000	68.029	-0.000	79.167	0.000	0.000	75.082	38.918	-5.654	XOM_R2OWSG MWD+IFR1+MS
19908.381	90.000	142.522	10299.000	79.999	0.000	67.759	-0.000	79.999	0.000	0.000	75.747	38.980	-6.058	XOM_R2OWSG MWD+IFR1+MS
20000.000	90.000	144.355	10299.000	80.703	0.000	69.263	-0.000	80.703	0.000	0.000	76.314	39.036	-6.397	XOM_R2OWSG MWD+IFR1+MS
20100.000	90.000	146.355	10299.000	81.472	0.000	70.865	-0.000	81.472	0.000	0.000	76.949	39.100	-6.742	XOM_R2OWSG MWD+IFR1+MS
20200.000	90.000	148.355	10299.000	82.241	0.000	72.421	-0.000	82.241	0.000	0.000	77.600	39.164	-7.060	XOM_R2OWSG MWD+IFR1+MS
20300.000	90.000	150.355	10299.000	83.010	0.000	73.927	-0.000	83.010	0.000	0.000	78.265	39.228	-7.349	XOM_R2OWSG MWD+IFR1+MS
20400.000	90.000	152.355	10299.000	83.780	0.000	75.377	-0.000	83.780	0.000	0.000	78.943	39.291	-7.609	XOM_R2OWSG MWD+IFR1+MS
20500.000	90.000	154.355	10299.000	84.550	0.000	76.768	-0.000	84.550	0.000	0.000	79.632	39.354	-7.842	XOM_R2OWSG MWD+IFR1+MS
20600.000	90.000	156.355	10299.000	85.320	0.000	78.094	-0.000	85.320	0.000	0.000	80.331	39.416	-8.046	XOM_R2OWSG MWD+IFR1+MS
20700.000	90.000	158.355	10299.000	86.090	0.000	79.354	-0.000	86.090	0.000	0.000	81.036	39.477	-8.222	XOM_R2OWSG MWD+IFR1+MS
20800.000	90.000	160.355	10299.000	86.861	0.000	80.542	-0.000	86.861	0.000	0.000	81.747	39.538	-8.371	XOM_R2OWSG MWD+IFR1+MS
20900.000	90.000	162.355	10299.000	87.632	0.000	81.656	-0.000	87.632	0.000	0.000	82.463	39.598	-8.494	XOM_R2OWSG MWD+IFR1+MS
21000.000	90.000	164.355	10299.000	88.403	0.000	82.694	-0.000	88.403	0.000	0.000	83.180	39.658	-8.590	XOM_R2OWSG MWD+IFR1+MS
21100.000	90.000	166.355	10299.000	89.175	0.000	83.652	-0.000	89.175	0.000	0.000	83.898	39.717	-8.662	XOM_R2OWSG MWD+IFR1+MS

21200.000	90.000	168.355	10299.000	89.946	0.000	84.528	-0.000	89.946	0.000	0.000	84.615	39.777	-8.710	XOM_R2OWSG MWD+IFR1+MS
21300.000	90.000	170.355	10299.000	90.718	0.000	85.321	-0.000	90.718	0.000	0.000	85.330	39.836	-8.735	XOM_R2OWSG MWD+IFR1+MS
21408.632	90.000	172.527	10299.000	91.557	0.000	86.086	-0.000	91.557	0.000	0.000	86.102	39.901	-8.737	XOM_R2OWSG MWD+IFR1+MS
21500.000	90.000	172.527	10299.000	92.262	0.000	86.734	-0.000	92.262	0.000	0.000	86.750	39.956	-8.727	XOM_R2OWSG MWD+IFR1+MS
21600.000	90.000	172.527	10299.000	93.035	0.000	87.444	-0.000	93.035	0.000	0.000	87.461	40.017	-8.716	XOM_R2OWSG MWD+IFR1+MS
21700.000	90.000	172.527	10299.000	93.808	0.000	88.156	-0.000	93.808	0.000	0.000	88.172	40.078	-8.705	XOM_R2OWSG MWD+IFR1+MS
21800.000	90.000	172.527	10299.000	94.581	0.000	88.869	-0.000	94.581	0.000	0.000	88.885	40.139	-8.694	XOM_R2OWSG MWD+IFR1+MS
21900.000	90.000	172.527	10299.000	95.354	0.000	89.583	-0.000	95.354	0.000	0.000	89.599	40.201	-8.683	XOM_R2OWSG MWD+IFR1+MS
22000.000	90.000	172.527	10299.000	96.127	0.000	90.299	-0.000	96.127	0.000	0.000	90.315	40.264	-8.673	XOM_R2OWSG MWD+IFR1+MS
22100.000	90.000	172.527	10299.000	96.900	0.000	91.015	-0.000	96.900	0.000	0.000	91.031	40.327	-8.662	XOM_R2OWSG MWD+IFR1+MS
22200.000	90.000	172.527	10299.000	97.674	0.000	91.733	-0.000	97.674	0.000	0.000	91.749	40.390	-8.652	XOM_R2OWSG MWD+IFR1+MS
22300.000	90.000	172.527	10299.000	98.448	0.000	92.452	-0.000	98.448	0.000	0.000	92.467	40.454	-8.642	XOM_R2OWSG MWD+IFR1+MS
22400.000	90.000	172.527	10299.000	99.222	0.000	93.171	-0.000	99.222	0.000	0.000	93.187	40.518	-8.632	XOM_R2OWSG MWD+IFR1+MS
22500.000	90.000	172.527	10299.000	99.996	0.000	93.892	-0.000	99.996	0.000	0.000	93.908	40.583	-8.623	XOM_R2OWSG MWD+IFR1+MS
22600.000	90.000	172.527	10299.000	100.770	0.000	94.614	-0.000	100.770	0.000	0.000	94.629	40.649	-8.613	XOM_R2OWSG MWD+IFR1+MS
22700.000	90.000	172.527	10299.000	101.545	0.000	95.337	-0.000	101.545	0.000	0.000	95.352	40.715	-8.604	XOM_R2OWSG MWD+IFR1+MS
22800.000	90.000	172.527	10299.000	102.320	0.000	96.061	-0.000	102.320	0.000	0.000	96.076	40.781	-8.594	XOM_R2OWSG MWD+IFR1+MS
22900.000	90.000	172.527	10299.000	103.094	0.000	96.786	-0.000	103.094	0.000	0.000	96.801	40.848	-8.585	XOM_R2OWSG MWD+IFR1+MS
22913.554	90.000	172.527	10299.000	103.199	0.000	96.884	-0.000	103.199	0.000	0.000	96.899	40.857	-8.584	XOM_R2OWSG MWD+IFR1+MS
22962.971	90.000	172.527	10299.000	103.582	0.000	97.242	-0.000	103.582	0.000	0.000	97.257	40.890	-8.580	XOM_R2OWSG MWD+IFR1+MS

Plan Targets	PLU 22-3 BS 114H				
	Measured Depth	**Grid Northing**	**Grid Easting**	**TVD MSL**	**Target Shape**
Target Name	**(ft)**	**(ft)**	**(ft)**	**(ft)**	
FTP 114H	10934.03	404846.70	674176.00	6925.00	CIRCLE
P2 114H	21357.26	395020.50	675519.60	6925.00	CIRCLE
P1 114H	19297.98	396677.50	674174.70	6925.00	CIRCLE
BHL 114H	22969.18	393090.50	675529.20	6925.00	CIRCLE
LTP 114H	22913.55	393140.50	675528.90	6925.00	CIRCLE

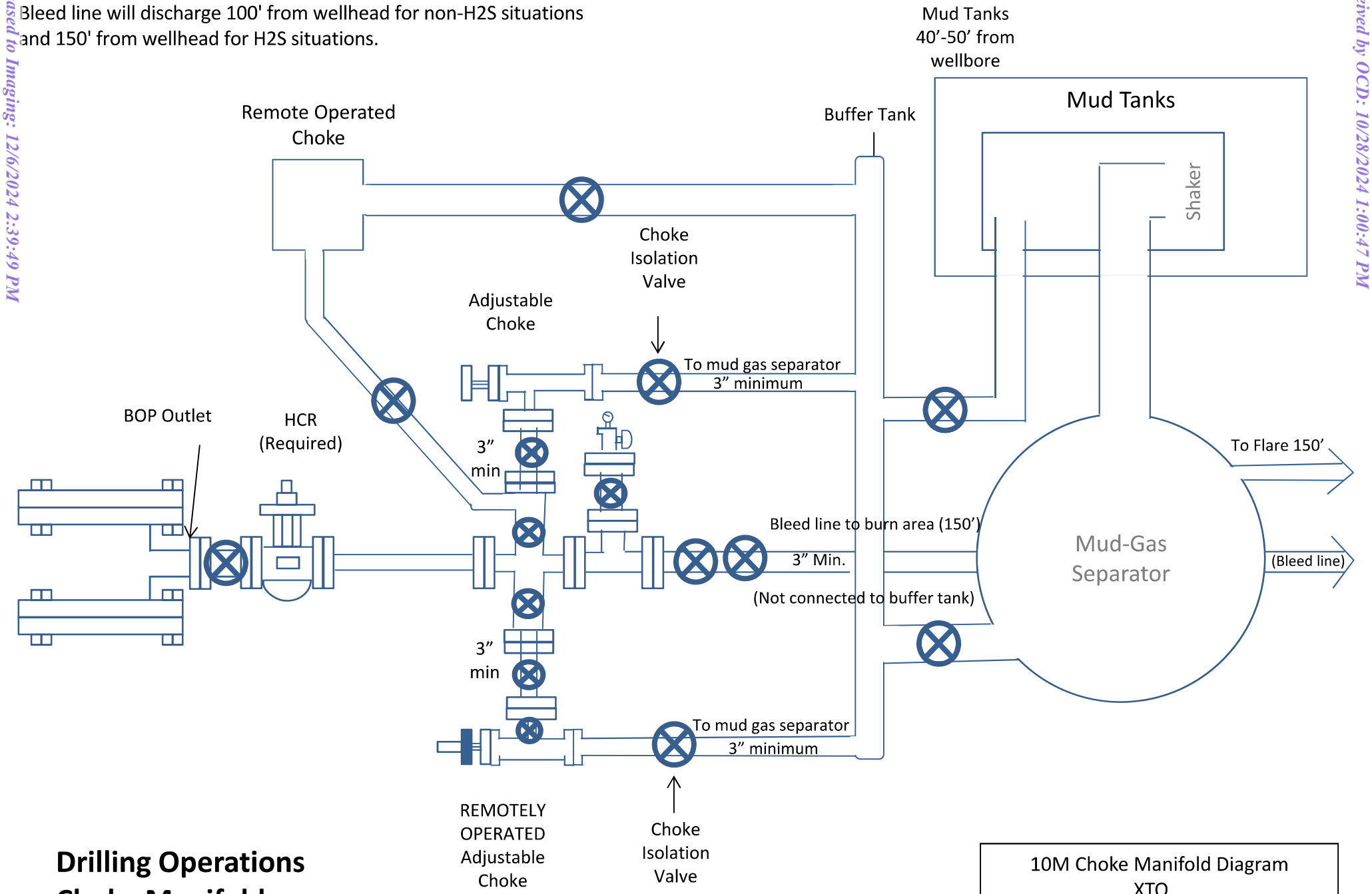

34.4" to C/L
1-13/16" 10M
34.4" to C/L
1-13/16" 10M
2-1/16" 5M
31.8" to C/L
20" Conductor Pipe
9-5/8" Casing
7-5/8" Casing
5-1/2" Casing
GRADE
1.1"
11.0"
11" 10M
7.0"
2-1/16" 5M
46.9"
34.4" to C/L
1-13/16" 10M
2-1/16" 5M
31.8" to C/L
4.7"
20" Conductor Pipe
9-5/8" Casing
7-5/8" Casing
5-1/2" Casing
13-5/8" 10M
BOP
11" 10M
GRADE
4.7"
2-1/16" 5M
12.1"
46.9"
20" Conductor Pipe
9-5/8" Casing
GRADE
59.0"



10000# BOP

XTO

Bleed line will discharge 100' from wellhead for non-H2S situations and 150' from wellhead for H2S situations.



Drilling Operations
Choke Manifold
10M Service

10M Choke Manifold Diagram
XTO

U. S. Steel Tubular Products

11/8/2023 1:08:50 PM

5.500" 20.00lb/ft (0.361" Wall) P110 RY USS-FREEDOM HTQ®

MECHANICAL PROPERTIES	Pipe	USS-FREEDOM HTQ®		--
Minimum Yield Strength	110,000	--	psi	--
Maximum Yield Strength	125,000	--	psi	--
Minimum Tensile Strength	125,000	--	psi	--
DIMENSIONS	**Pipe**	**USS-FREEDOM HTQ®**		**--**
Outside Diameter	5.500	6.300	in.	--
Wall Thickness	0.361	--	in.	--
Inside Diameter	4.778	4.778	in.	--
Standard Drift	4.653	4.653	in.	--
Alternate Drift	--	--	in.	--
Nominal Linear Weight, T&C	20.00	--	lb/ft	--
Plain End Weight	19.83	--	lb/ft	--
SECTION AREA	**Pipe**	**USS-FREEDOM HTQ®**		**--**
Critical Area	5.828	5.828	sq. in.	--
Joint Efficiency	--	100.0	%	--
PERFORMANCE	**Pipe**	**USS-FREEDOM HTQ®**		**--**
Minimum Collapse Pressure	11,100	11,100	psi	--
Minimum Internal Yield Pressure	12,640	12,640	psi	--
Minimum Pipe Body Yield Strength	641,000	--	lb	--
Joint Strength	--	641,000	lb	--
Compression Rating	--	641,000	lb	--
Reference Length [4]	--	21,370	ft	--
Maximum Uniaxial Bend Rating [2]	--	91.7	deg/100 ft	--
MAKE-UP DATA	**Pipe**	**USS-FREEDOM HTQ®**		**--**
Make-Up Loss	--	4.13	in.	--
Minimum Make-Up Torque [3]	--	15,000	ft-lb	--
Maximum Make-Up Torque [3]	--	21,000	ft-lb	--
Maximum Operating Torque[3]	--	29,500	ft-lb	--

Notes

1. Other than proprietary collapse and connection values, performance properties have been calculated using standard equations defined by API 5C3 and do not incorporate any additional design or safety factors. Calculations assume nominal pipe OD, nominal wall thickness, and Specified Minimum Yield Strength (SMYS).
2. Uniaxial bending rating shown is structural only, and equal to compression efficiency.
3. Torques have been calculated assuming a thread compound friction factor of 1.0 and are recommended only. Field make-up torques may require adjustment based on actual field conditions (e.g. make-up speed, temperature, thread compound, etc.).
4. Reference length is calculated by joint strength divided by plain end weight with 1.5 safety factor.

U. S. Steel Tubular Products
460 Wildwood Forest Drive, Suite 300S
Spring, Texas 77380

1-877-893-9461
connections@uss.com
www.usstubular.com

XTO respectfully requests approval to utilize a spudder rig to pre-set surface casing.

Description of Operations:

1. Spudder rig will move in to drill the surface hole and pre-set surface casing on the well.
    a. After drilling the surface hole section, the spudder rig will run casing and cement following all of the applicable rules and regulations (OnShore Order 2, all COAs and NMOCD regulations).
    b. The spudder rig will utilize fresh water-based mud to drill the surface hole to TD. Solids control will be handled entirely on a closed loop basis. No earth pits will be used.
2. The wellhead will be installed and tested as soon as the surface casing is cut off and WOC time has been reached.
3. A blind flange at the same pressure rating as the wellhead will be installed to seal the wellbore. Pressure will be monitored with needle valves installed on two wing valves.
    a. A means for intervention will be maintained while the drilling rig is not over the well.
4. Spudder rig operations are expected to take 2-3 days per well on the pad.
5. The BLM will be contacted and notified 24 hours prior to commencing spudder rig operations.
6. Drilling Operations will begin with a larger rig and a BOP stack equal to or greater than the pressure rating that was permitted will be nippled up and tested on the wellhead before drilling operations resume on each well.
    a. The larger rig will move back onto the location within 90 days from the point at which the wells are secured and the spudder rig is moved off location.
    b. The BLM will be notified 24 hours before the larger rig moves back on the pre-set locations
7. XTO will have supervision on the rig to ensure compliance with all BLM and NMOCD regulations and to oversee operations.
8. Once the rig is removed, XTO will secure the wellhead area by placing a guard rail around the cellar area.

U. S. Steel Tubular Products

11/29/2021 4:16:04 PM

5.500" 20.00lb/ft (0.361" Wall) P110 RY USS-TALON HTQ™ RD

MECHANICAL PROPERTIES	Pipe	USS-TALON HTQ™ RD		[6]
Minimum Yield Strength	110,000	--	psi	--
Maximum Yield Strength	125,000	--	psi	--
Minimum Tensile Strength	125,000	--	psi	--
DIMENSIONS	**Pipe**	**USS-TALON HTQ™ RD**		**--**
Outside Diameter	5.500	5.900	in.	--
Wall Thickness	0.361	--	in.	--
Inside Diameter	4.778	4.778	in.	--
Standard Drift	4.653	4.653	in.	--
Alternate Drift	--	--	in.	--
Nominal Linear Weight, T&C	20.00	--	lb/ft	--
Plain End Weight	19.83	--	lb/ft	--
SECTION AREA	**Pipe**	**USS-TALON HTQ™ RD**		**--**
Critical Area	5.828	5.828	sq. in.	--
Joint Efficiency	--	100.0	%	[2]
PERFORMANCE	**Pipe**	**USS-TALON HTQ™ RD**		**--**
Minimum Collapse Pressure	11,100	11,100	psi	--
Minimum Internal Yield Pressure	12,640	12,640	psi	--
Minimum Pipe Body Yield Strength	641,000	--	lb	--
Joint Strength	--	641,000	lb	--
Compression Rating	--	641,000	lb	--
Reference Length	--	21,370	ft	[5]
Maximum Uniaxial Bend Rating	--	91.7	deg/100 ft	[3]
MAKE-UP DATA	**Pipe**	**USS-TALON HTQ™ RD**		**--**
Make-Up Loss	--	5.58	in.	--
Minimum Make-Up Torque	--	17,000	ft-lb	[4]
Maximum Make-Up Torque	--	20,000	ft-lb	[4]
Maximum Operating Torque	--	39,500	ft-lb	[4]

Notes

1. Other than proprietary collapse and connection values, performance properties have been calculated using standard equations defined by API 5C3 and do not incorporate any additional design or safety factors. Calculations assume nominal pipe OD, nominal wall thickness, and Specified Minimum Yield Strength (SMYS).
2. Joint efficiencies are calculated by dividing the connection critical area by the pipe body area.
3. Uniaxial bend rating shown is structural only.
4. Torques have been calculated assuming a thread compound friction factor of 1.0 and are recommended only. Field make-up torques may require adjustment based on actual field conditions (e.g. make-up speed, temperature, thread compound, etc.).
5. Reference length is calculated by Joint Strength divided by Nominal Linear Weight, T&C with a 1.5 Safety factor.
6. Coupling must meet minimum mechanical properties of the pipe.

U. S. Steel Tubular Products
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Spring, Texas 77380

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connections@uss.com
www.usstubular.com

BLACK GOLD®

GATES ENGINEERING & SERVICES NORTH AMERICA
7603 Prairie Oak Dr.
Houston, TX. 77086

PHONE: +1 (281) 602-4100
FAX: +1 (281) 602-4147
EMAIL: gesna.quality@gates.com
WEB: www.gates.com/oilandgas

NEW CHOKE HOSE
INSTALLED 02-10-2024

CERTIFICATE OF CONFORMANCE

This is to verify that the items detailed below meet the requirements of the Customer's Purchase Order referenced herein, and are in Conformance with applicable specifications, and that Records of Required Tests are on file and subject to examination. The following items were inspected and hydrostatically tested at **Gates Engineering & Services North America** facilities in Houston, TX, USA.

CUSTOMER:	NABORS DRILLING TECHNOLOGIES USA DBA NABORS DRILLING USA
CUSTOMER P.O.#:	15582803 (TAG NABORS PO #15582803 SN 74621 ASSET 66-1531)
CUSTOMER P/N:	IMR RETEST SN 74621 ASSET #66-1531
PART DESCRIPTION:	RETEST OF CUSTOMER 3" X 45 FT 16C CHOKE & KILL HOSE ASSEMBLY C/W 4 1/16" 10K FLANGES
SALES ORDER #:	529480
QUANTITY:	1
SERIAL #:	74621 H3-012524-1

SIGNATURE: F. OSMOS

TITLE: QUALITY ASSURANCE

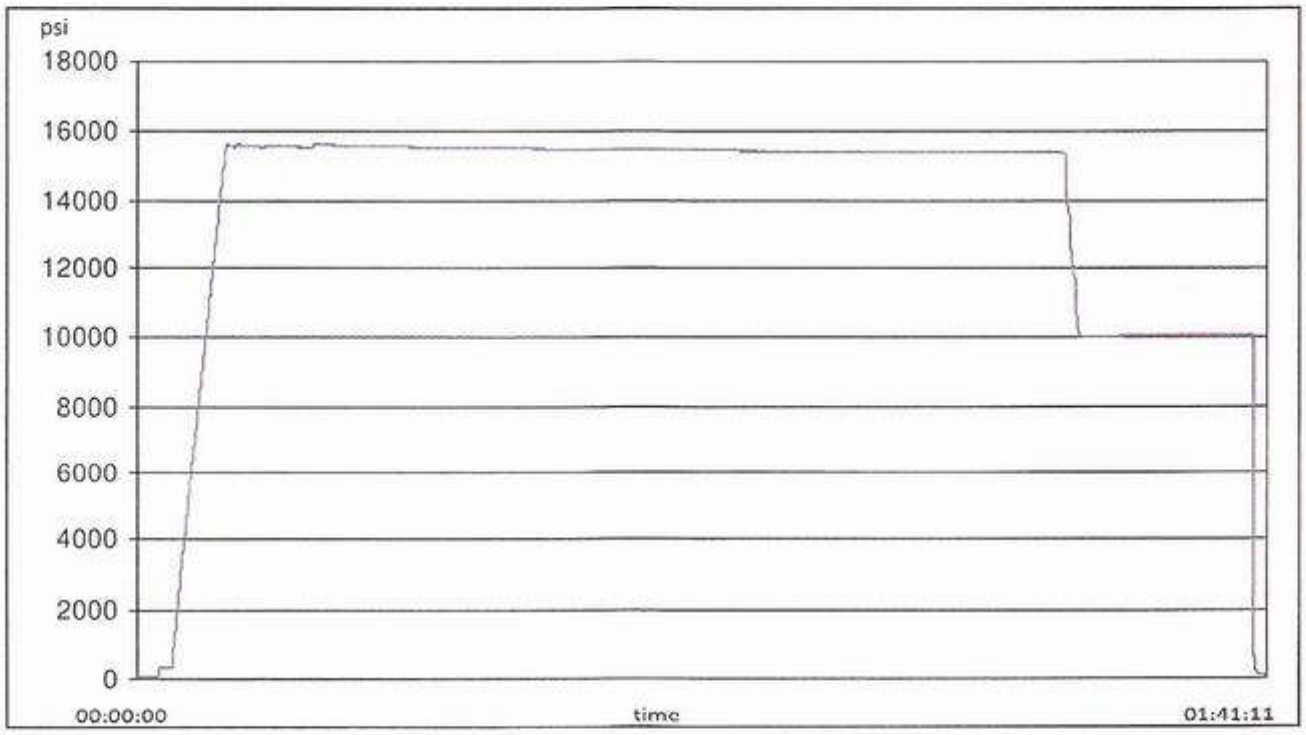
DATE: 1/25/2024

H3-15716

1/25/2024 11:48:06 AM

TEST REPORT

CUSTOMER			TEST OBJECT		
Company:	Nabors Industries Inc.		Serial number:	H3-012524-1	
			Lot number:		
Production description:	74621/66-1531		Description:	74621/66-1531	
Sales order #:	529480				
Customer reference:	FG1213		Hose ID:	3" 16C CK	
			Part number:		
TEST INFORMATION					
Test procedure:	GTS-04-053		Fitting 1:	3.0 x 4-1/16 10K	
Test pressure:	15000.00	psi	Part number:		
Test pressure hold:	3600.00	sec	Description:		
Work pressure:	10000.00	psi			
Work pressure hold:	900.00	sec	Fitting 2:	3.0 x 4-1/16 10K	
Length difference:	0.00	%	Part number:		
Length difference:	0.00	inch	Description:		
Visual check:			Length:	45	feet
Pressure test result:	PASS				
Length measurement result:					
Test operator:	Travis				



H3-15716

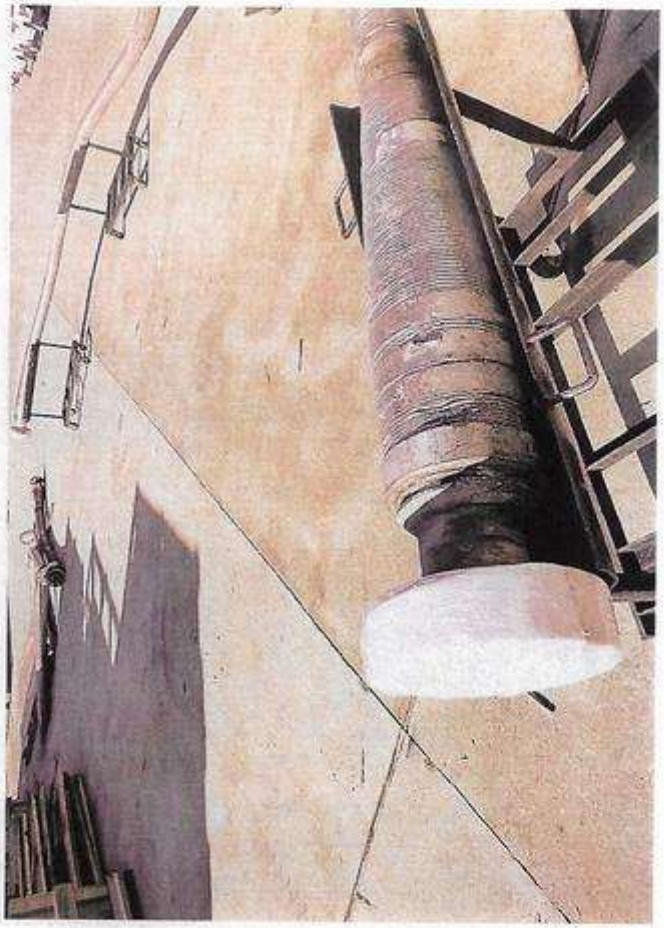
1/25/2024 11:48:06 AM

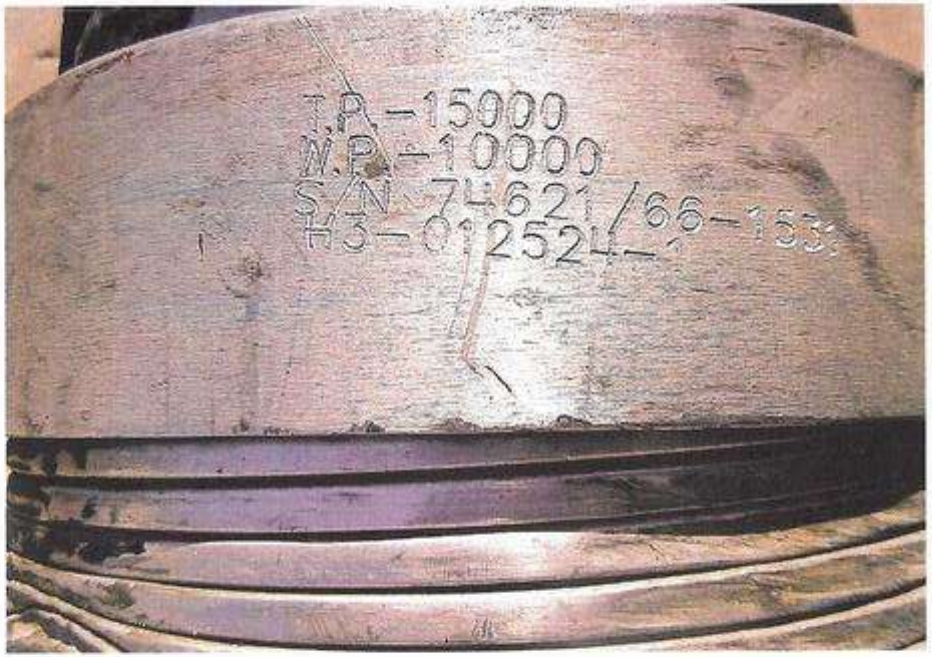
TEST REPORT

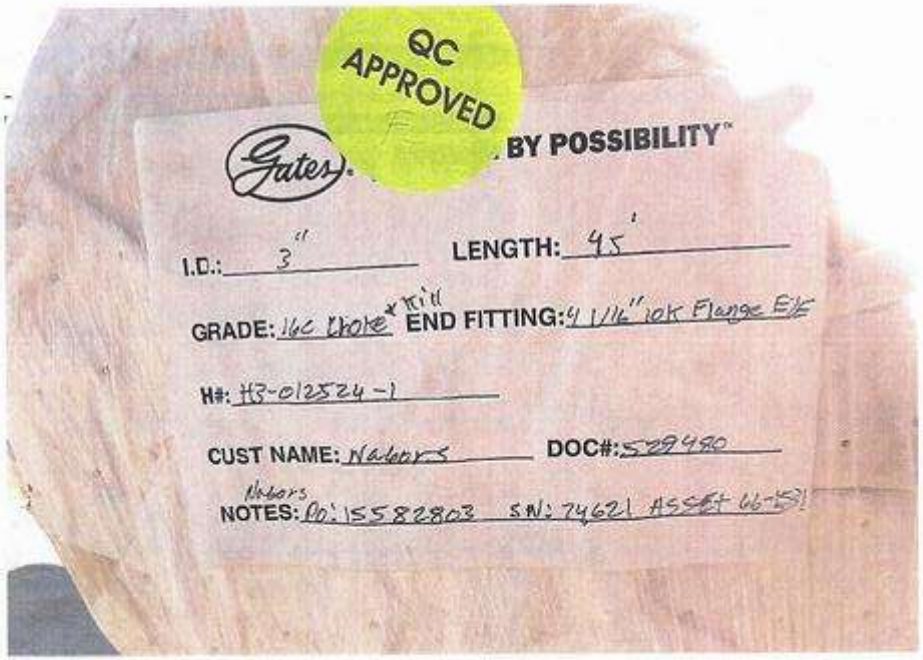
GAUGE TRACEABILITY

Description	Serial number	Calibration date	Calibration due date
S-25-A-W	110D3PHO	2023-06-06	2024-06-06
S-25-A-W	110IQWDG	2023-05-16	2024-05-16

Comment







C-102	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024
Submit Electronically Via OCD Permitting		Submittal Type: ☐ Initial Submittal ☒ Amended Report ☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name	
30-015-54007	97860	JENNINGS; BONE SPRING, WEST	
Property Code: 334166	Property Name: POKER LAKE UNIT 22-3 BS		Well Number: 114H
ORGID No.: 005380	Operator Name: XTO ENERGY, INC.		Ground Level Elevation: 3,342'

Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal

Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	22	25 S	31 E		485' FSL	546' FWL	32.109882	-103.772706	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	34	25 S	31 E		50' FSL	2,327' FWL	32.079579	-103.767091	EDDY

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
640	DEFINING		YES	U

Order Numbers.

Well setbacks are under Common Ownership: ☒ Yes ☐ No

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	22	25 S	31 E		485' FSL	546' FWL	32.109882	-103.772706	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	22	25 S	31 E		1,224' FSL	990' FWL	32.111915	-103.771264	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	34	25 S	31 E		100' FSL	2,327' FWL	32.079716	-103.767091	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type	Ground Floor Elevation:
NMNM-071016X	☒ Horizontal ☐ Vertical	3,342'

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.

Terra Sebastian 12/6/2024

Signature Date

Terra Sebastian

Printed Name

terra.b.sebastian@exxonmobil.com

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

I, TIM C. PAPPAS, NEW MEXICO PROFESSIONAL SURVEYOR NO. 21209, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

TIM C. PAPPAS
REGISTERED PROFESSIONAL LAND SURVEYOR
STATE OF NEW MEXICO NO. 21209

TIM C. PAPPAS NEW MEXICO 21209 PROFESSIONAL SURVEYOR

Signature and Seal of Professional Surveyor

Certificate Number: TIM C. PAPPAS 21209

Date of Survey: 7/9/2024

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

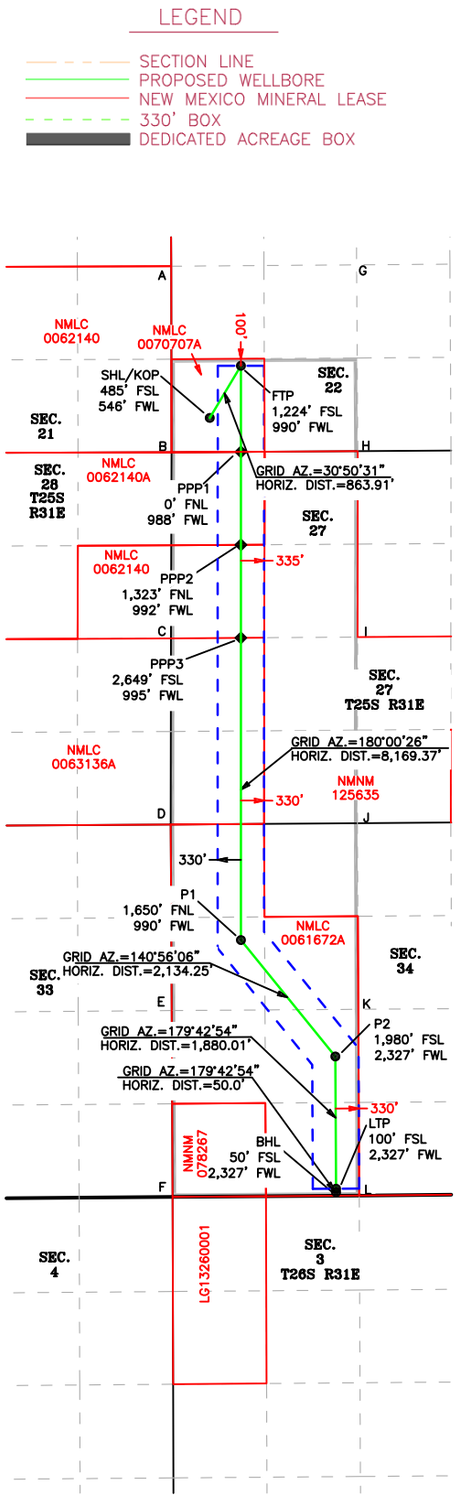
FSC INC SURVEYORS+ENGINEERS
2821 West 7th Street., Ste 200 - Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPLS Firm 10193887
www.fscinc.net

DATE:	12-5-2024	PROJECT NO:	2022071178
DRAWN BY:	LM	SCALE:	
CHECKED BY:	CH	SHEET:	1 OF 2
FIELD CREW:	IR	REVISION:	NO

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or a larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is the closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



SHL/KOP (NAD83 NME)		LTP (NAD83 NME)	
Y =	404,162.9	Y =	393,198.2
X =	714,918.8	X =	716,715.0
LAT. =	32.109882 °N	LAT. =	32.079716 °N
LONG. =	103.772706 °W	LONG. =	103.767091 °W
FTP (NAD83 NME)		**BHL (NAD83 NME)**	
Y =	404,904.6	Y =	393,148.2
X =	715,361.7	X =	716,715.3
LAT. =	32.111915 °N	LAT. =	32.079579 °N
LONG. =	103.771264 °W	LONG. =	103.767091 °W
P1 (NAD83 NME)		**P2 (NAD83 NME)**	
Y =	396,735.3	Y =	395,078.2
X =	715,360.7	X =	716,705.7
LAT. =	32.089459 °N	LAT. =	32.084884 °N
LONG. =	103.771404 °W	LONG. =	103.767090 °W
CORNER COORDINATES (NAD83 NME)			
A - Y =	406,321.4 N ,	X =	714,370.6 E
B - Y =	403,674.7 N ,	X =	714,373.5 E
C - Y =	401,027.1 N ,	X =	714,365.8 E
D - Y =	398,377.8 N ,	X =	714,362.6 E
E - Y =	395,732.5 N ,	X =	714,375.6 E
F - Y =	393,080.5 N ,	X =	714,388.8 E
G - Y =	406,341.0 N ,	X =	717,008.1 E
H - Y =	403,690.4 N ,	X =	717,024.7 E
I - Y =	401,045.8 N ,	X =	717,021.9 E
J - Y =	398,397.9 N ,	X =	717,019.2 E
K - Y =	395,750.3 N ,	X =	717,032.3 E
L - Y =	393,100.7 N ,	X =	717,045.5 E
SHL/KOP (NAD27 NME)		**LTP (NAD27 NME)**	
Y =	404,105.0	Y =	393,140.5
X =	673,733.1	X =	675,528.9
LAT. =	32.109758 °N	LAT. =	32.079592 °N
LONG. =	103.772229 °W	LONG. =	103.766615 °W
FTP (NAD27 NME)		**BHL (NAD27 NME)**	
Y =	404,846.7	Y =	393,090.5
X =	674,176.0	X =	675,529.2
LAT. =	32.111790 °N	LAT. =	32.079454 °N
LONG. =	103.770786 °W	LONG. =	103.766615 °W
P1 (NAD27 NME)		**P2 (NAD27 NME)**	
Y =	396,677.5	Y =	395,020.5
X =	674,174.7	X =	675,519.6
LAT. =	32.089334 °N	LAT. =	32.084760 °N
LONG. =	103.770928 °W	LONG. =	103.766613 °W
CORNER COORDINATES (NAD27 NME)			
A - Y =	406,263.4 N ,	X =	673,185.0 E
B - Y =	403,616.7 N ,	X =	673,187.8 E
C - Y =	400,969.3 N ,	X =	673,180.0 E
D - Y =	398,320.0 N ,	X =	673,176.7 E
E - Y =	395,674.7 N ,	X =	673,189.6 E
F - Y =	393,022.8 N ,	X =	673,202.7 E
G - Y =	406,283.0 N ,	X =	675,822.5 E
H - Y =	403,632.5 N ,	X =	675,839.0 E
I - Y =	400,987.9 N ,	X =	675,836.1 E
J - Y =	398,340.1 N ,	X =	675,833.2 E
K - Y =	395,692.6 N ,	X =	675,846.3 E
L - Y =	393,043.1 N ,	X =	675,859.4 E
PPP1 (NAD83 NME)		**PPP1 (NAD27 NME)**	
Y =	403,680.5	Y =	403,622.6
X =	715,361.5	X =	674,175.8
LAT. =	32.108550 °N	LAT. =	32.108425 °N
LONG. =	103.771285 °W	LONG. =	103.770807 °W
PPP2 (NAD83 NME)		**PPP2 (NAD27 NME)**	
Y =	402,357.3	Y =	402,299.4
X =	715,361.4	X =	674,175.7
LAT. =	32.104913 °N	LAT. =	32.104788 °N
LONG. =	103.771307 °W	LONG. =	103.770830 °W
PPP3 (NAD83 NME)		**PPP3 (NAD27 NME)**	
Y =	401,034.1	Y =	400,976.2
X =	715,361.2	X =	674,175.4
LAT. =	32.101275 °N	LAT. =	32.101151 °N
LONG. =	103.771330 °W	LONG. =	103.770853 °W

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TBPE Firm 17957 | TBPLS Firm 10193887
www.fscinc.net

DATE:	12-5-2024	PROJECT NO:	2022071178
DRAWN BY:	LM	SCALE:	1" = 2,500'
CHECKED BY:	CH	SHEET:	2 OF 2
FIELD CREW:	IR	REVISION:	NO

C-102	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024
Submit Electronically Via OCD Permitting		Submittal Type: ☐ Initial Submittal ☒ Amended Report ☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
30-015-54007	96641	PADUCA; BONE SPRING

Property Code	Property Name	Well Number
334166	POKER LAKE UNIT 22-3 BS	114H

ORGID No.	Operator Name	Ground Level Elevation
005380	XTO ENERGY, INC.	3,342'

Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal

Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	22	25 S	31 E		485' FSL	546' FWL	32.109882	-103.772706	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	34	25 S	31 E		50' FSL	2,327' FWL	32.079579	-103.767091	EDDY

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
80	DEFINING		YES	U

Order Numbers.

Well setbacks are under Common Ownership: ☒ Yes ☐ No

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	22	25 S	31 E		485' FSL	546' FWL	32.109882	-103.772706	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	22	25 S	31 E		1,224' FSL	990' FWL	32.111915	-103.771264	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
N	34	25 S	31 E		100' FSL	2,327' FWL	32.079716	-103.767091	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type	Ground Floor Elevation:
NMNM-071016X	☒ Horizontal ☐ Vertical	3,342'

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling form the division.

Terra Sebastian 12/6/2024

Signature Date

Terra Sebastian

Printed Name

terra.b.sebastian@exxonmobil.com

Email Address

SURVEYOR CERTIFICATIONS

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

I, TIM C. PAPPAS, NEW MEXICO PROFESSIONAL SURVEYOR NO. 21209, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

TIM C. PAPPAS
REGISTERED PROFESSIONAL LAND SURVEYOR
STATE OF NEW MEXICO NO. 21209

Signature and Seal of Professional Surveyor

Certificate Number	Date of Survey
TIM C. PAPPAS 21209	7/9/2024

Note: No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

FSC INC SURVEYORS+ENGINEERS
2821 West 7th Street., Ste 200 - Fort Worth, TX 76107
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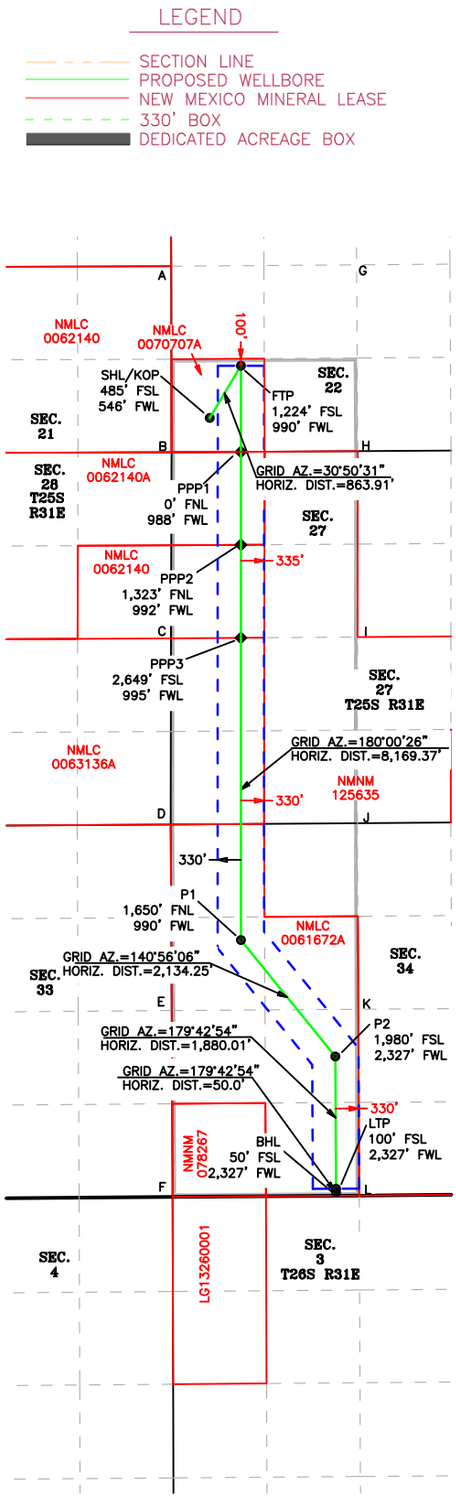
ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or a larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is the closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



SHL/KOP (NAD83 NME)		LTP (NAD83 NME)	
Y =	404,162.9	Y =	393,198.2
X =	714,918.8	X =	716,715.0
LAT. =	32.109882 °N	LAT. =	32.079716 °N
LONG. =	103.772706 °W	LONG. =	103.767091 °W
FTP (NAD83 NME)		**BHL (NAD83 NME)**	
Y =	404,904.6	Y =	393,148.2
X =	715,361.7	X =	716,715.3
LAT. =	32.111915 °N	LAT. =	32.079579 °N
LONG. =	103.771264 °W	LONG. =	103.767091 °W
P1 (NAD83 NME)		**P2 (NAD83 NME)**	
Y =	396,735.3	Y =	395,078.2
X =	715,360.7	X =	716,705.7
LAT. =	32.089459 °N	LAT. =	32.084884 °N
LONG. =	103.771404 °W	LONG. =	103.767090 °W
CORNER COORDINATES (NAD83 NME)			
A - Y =	406,321.4 N ,	X =	714,370.6 E
B - Y =	403,674.7 N ,	X =	714,373.5 E
C - Y =	401,027.1 N ,	X =	714,365.8 E
D - Y =	398,377.8 N ,	X =	714,362.6 E
E - Y =	395,732.5 N ,	X =	714,375.6 E
F - Y =	393,080.5 N ,	X =	714,388.8 E
G - Y =	406,341.0 N ,	X =	717,008.1 E
H - Y =	403,690.4 N ,	X =	717,024.7 E
I - Y =	401,045.8 N ,	X =	717,021.9 E
J - Y =	398,397.9 N ,	X =	717,019.2 E
K - Y =	395,750.3 N ,	X =	717,032.3 E
L - Y =	393,100.7 N ,	X =	717,045.5 E
SHL/KOP (NAD27 NME)		**LTP (NAD27 NME)**	
Y =	404,105.0	Y =	393,140.5
X =	673,733.1	X =	675,528.9
LAT. =	32.109758 °N	LAT. =	32.079592 °N
LONG. =	103.772229 °W	LONG. =	103.766615 °W
FTP (NAD27 NME)		**BHL (NAD27 NME)**	
Y =	404,846.7	Y =	393,090.5
X =	674,176.0	X =	675,529.2
LAT. =	32.111790 °N	LAT. =	32.079454 °N
LONG. =	103.770786 °W	LONG. =	103.766615 °W
P1 (NAD27 NME)		**P2 (NAD27 NME)**	
Y =	396,677.5	Y =	395,020.5
X =	674,174.7	X =	675,519.6
LAT. =	32.089334 °N	LAT. =	32.084760 °N
LONG. =	103.770928 °W	LONG. =	103.766613 °W
CORNER COORDINATES (NAD27 NME)			
A - Y =	406,263.4 N ,	X =	673,185.0 E
B - Y =	403,616.7 N ,	X =	673,187.8 E
C - Y =	400,969.3 N ,	X =	673,180.0 E
D - Y =	398,320.0 N ,	X =	673,176.7 E
E - Y =	395,674.7 N ,	X =	673,189.6 E
F - Y =	393,022.8 N ,	X =	673,202.7 E
G - Y =	406,283.0 N ,	X =	675,822.5 E
H - Y =	403,632.5 N ,	X =	675,839.0 E
I - Y =	400,987.9 N ,	X =	675,836.1 E
J - Y =	398,340.1 N ,	X =	675,833.2 E
K - Y =	395,692.6 N ,	X =	675,846.3 E
L - Y =	393,043.1 N ,	X =	675,859.4 E
PPP1 (NAD83 NME)		**PPP1 (NAD27 NME)**	
Y =	403,680.5	Y =	403,622.6
X =	715,361.5	X =	674,175.8
LAT. =	32.108550 °N	LAT. =	32.108425 °N
LONG. =	103.771285 °W	LONG. =	103.770807 °W
PPP2 (NAD83 NME)		**PPP2 (NAD27 NME)**	
Y =	402,357.3	Y =	402,299.4
X =	715,361.4	X =	674,175.7
LAT. =	32.104913 °N	LAT. =	32.104788 °N
LONG. =	103.771307 °W	LONG. =	103.770830 °W
PPP3 (NAD83 NME)		**PPP3 (NAD27 NME)**	
Y =	401,034.1	Y =	400,976.2
X =	715,361.2	X =	674,175.4
LAT. =	32.101275 °N	LAT. =	32.101151 °N
LONG. =	103.771330 °W	LONG. =	103.770853 °W

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Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
https://www.emnrd.nm.gov/ocd/contact-us

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

CONDITIONS

Operator:	OGRID:
XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	373075
	Action Number: 396386
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Cement is required to circulate on both surface and production strings of casing.	12/6/2024
ward.rikala	If cement is not circulated to surface during cementing operations, a Cement Bond Log (CBL) is required.	12/6/2024
ward.rikala	Any previous COA's not addressed within the updated COA's still apply.	12/6/2024