

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

Well Name: POKER LAKE UNIT 22-3 BS	Well Location: T25S / R31E / SEC 22 / SWSW / 32.109827 / -103.772996	County or Parish/State: EDDY / NM
Well Number: 122H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMLC070707A	Unit or CA Name: POKER LAKE UNIT	Unit or CA Number: NMNM71016X
US Well Number: 3001553899	Operator: XTO PERMIAN OPERATING LLC	

Notice of Intent

Sundry ID: 2784413

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 04/10/2024

Time Sundry Submitted: 03:20

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: 465' FSL & 456' FWL of Section 22-T25S-R31E 485' FSL & 456' FWL of Section 22-T25S-R31E FTP: 950' FSL & 1020' FWL of Section 22-T25S-R31E 994' FSL & 660' FWL of Section 22-T25S-R31E LTP: 2490' FNL & 1020' FWL of Section 3-T26S-R31E 2310' FNL & 660' FWL of Section 3-T26S-R31E BHL: 2540' FNL & 1020' FWL of Section 3-T26S-R31E 2410' FSL & 660' FWL of Section 3-T26S-R31E PPP1: 0' FNL & 660' FWL PPP2: 1323' FNL & 666' FWL PPP3: 2649' FSL & 672' FWL PPP4: 0' FNL & 680' FWL PPP5: 1326' FSL & 667' FWL Proposed total depth will change from 26161' MD; 11673' TVD (Wolfcamp) to 26629' MD; TVD 12075' (Wolfcamp A). 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

Poker_Lake_Unit_22_3_BS_122H_Sundry_Documents_20240819134101.pdf

Well Name: POKER LAKE UNIT 22-3
BS

Well Location: T25S / R31E / SEC 22 /
SWSW / 32.109827 / -103.772996

County or Parish/State: EDDY /
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Well Number: 122H

Type of Well: CONVENTIONAL GAS
WELL

Allottee or Tribe Name:

Lease Number: NMLC070707A

Unit or CA Name: POKER LAKE UNIT

Unit or CA Number:
NMNM71016X

US Well Number: 3001553899

Operator: XTO PERMIAN OPERATING
LLC

Conditions of Approval

Additional

Poker_Lake_Unit_22_3_BS_122H_COA_20241030101802.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 01:41 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: 11/01/2024

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

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

5. Lease Serial No.
NMLC070707A

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

2. Name of Operator
XTO PERMIAN OPERATING LLC

3a. Address 6401 HOLIDAY HILL ROAD BLDG 5, MIDLAND, 3b. Phone No. (include area code)
(432) 683-2277

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

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

8. Well Name and No.
POKER LAKE UNIT 22-3 BS/122H

9. API Well No. 3001553899

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

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
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other
	☒ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ 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 recompleate 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 recompleation 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: 465' FSL & 456' FWL of Section 22-T25S-R31E 485' FSL & 456' FWL of Section 22-T25S-R31E
FTP: 950' FSL & 1020' FWL of Section 22-T25S-R31E 994' FSL & 660' FWL of Section 22-T25S-R31E
LTP: 2490' FNL & 1020' FWL of Section 3-T26S-R31E 2310' FNL & 660' FWL of Section 3-T26S-R31E
BHL: 2540' FNL & 1020' FWL of Section 3-T26S-R31E 2410' FSL & 660' FWL of Section 3-T26S-R31E

PPP1: 0 FNL & 660 FWL
PPP2: 1323 FNL & 666 FWL
PPP3: 2649 FSL & 672 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

Signature (Electronic Submission)

Date

Title

Regulatory Advisor

Date

08/19/2024

THE SPACE FOR FEDERAL OR STATE OFFICE USE

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

Petroleum Engineer

11/01/2024

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 of this form to U.S. Department of the Interior, Bureau of Land 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

PPP4: 0 FNL & 680 FWL

PPP5: 1326 FSL & 667 FWL

Proposed total depth will change from 26161 MD; 11673 TVD (Wolfcamp) to 26629 MD; TVD 12075 (Wolfcamp A).

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 / 465 FSL / 456 FWL / TWSP: 25S / RANGE: 31E / SECTION: 22 / LAT: 32.109827 / LONG: -103.772996 (TVD: 0 feet, MD: 0 feet)

PPP: SWNW / 950 FSL / 1020 FWL / TWSP: 25S / RANGE: 31E / SECTION: 34 / LAT: 32.084897 / LONG: -103.772458 (TVD: 11673 feet, MD: 22500 feet)

PPP: NWNW / 950 FSL / 1020 FWL / TWSP: 25S / RANGE: 31E / SECTION: 27 / LAT: 32.10673 / LONG: -103.772352 (TVD: 11673 feet, MD: 13400 feet)

PPP: SWNW / 950 FSL / 1020 FWL / TWSP: 25S / RANGE: 31E / SECTION: 27 / LAT: 32.103092 / LONG: -103.772384 (TVD: 11673 feet, MD: 14700 feet)

PPP: NWSW / 950 FSL / 1020 FWL / TWSP: 25S / RANGE: 31E / SECTION: 27 / LAT: 32.103092 / LONG: -103.772384 (TVD: 11673 feet, MD: 16000 feet)

PPP: NWNW / 950 FSL / 1020 FWL / TWSP: 25S / RANGE: 31E / SECTION: 34 / LAT: 32.088537 / LONG: -103.772457 (TVD: 11673 feet, MD: 18500 feet)

PPP: SWSW / 950 FSL / 1020 FWL / TWSP: 25S / RANGE: 31E / SECTION: 22 / LAT: 32.111161 / LONG: -103.771117 (TVD: 11673 feet, MD: 12079 feet)

BHL: SWNW / 2540 FNL / 1020 FWL / TWSP: 26S / RANGE: 31E / SECTION: 3 / LAT: 32.072451 / LONG: -103.771329 (TVD: 11673 feet, MD: 26161 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 122H
SURFACE HOLE FOOTAGE:	485'/S & 456'/W
BOTTOM HOLE FOOTAGE:	2410'/N & 660'/W

Changes approved through engineering via **Sundry 2784413** on 10-30-2024. Any previous COAs not addressed within the updated COAs still apply.

COA

H ₂ S	☒ No		☐ Yes	
Potash / WIPP	☒ None	☐ Secretary	☐ R-111-Q	☐ Open Annulus ☐ WIPP
Choose an option (including blank option.)				
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 **980** 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 6772'**
 - 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](mailto: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 10/30/2024
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 98220	Pool Name Purple Sage; Wolfcamp (gas)
Property Code 334166	Property Name POKER LAKE UNIT 22-3 BS	Well Number 122H
OGRID No. 005380	Operator Name XTO ENERGY, INC.	Ground Level Elevation 3,341'
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal		Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal

Surface Location

UL M	Section 22	Township 25 S	Range 31E	Lot	Ft. from N/S 485/FSL	Ft. from E/W 456 FWL	Latitude 32.109882	Longitude -103.772996	County EDDY
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Bottom Hole Location

UL E	Section 3	Township 26 S	Range 31 E	Lot	Ft. from N/S 2,410/N	Ft. from E/W 660/W	Latitude 32.072681	Longitude -103.772014	County EDDY
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Dedicated Acres 960	Infill or Defining Well	Defining Well API DEFINNG	Overlapping Spacing Unit (Y/N) Y	Consolidation Code U
Order Numbers.			Well setbacks are under Common Ownership: ☒ Yes ☐ No	

Kick Off Point (KOP)

UL M	Section 22	Township 25 S	Range 31 E	Lot	Ft. from N/S 485/FSL	Ft. from E/W 456 FWL	Latitude 32.109882	Longitude -103.772996	County EDDY
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First Take Point (FTP)

UL M	Section 22	Township 25 S	Range 31 E	Lot	Ft. from N/S 994 FSL	Ft. from E/W 660 FWL	Latitude 32.111281	Longitude -103.772332	County EDDY
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Last Take Point (LTP)

UL E	Section 3	Township 23 S	Range 31 E	Lot	Ft. from N/S 2,310 FNL	Ft. from E/W 660 FWL	Latitude 32.072806	Longitude -103.772490	County EDDY
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Unitized Area or Area of Uniform Interest NMNM-071016X	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation: 3,346
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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.

 11/19/24

Signature Date

Adrian Baker

Printed Name

adrian.baker@xtoenergy.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.

SEE BELOW

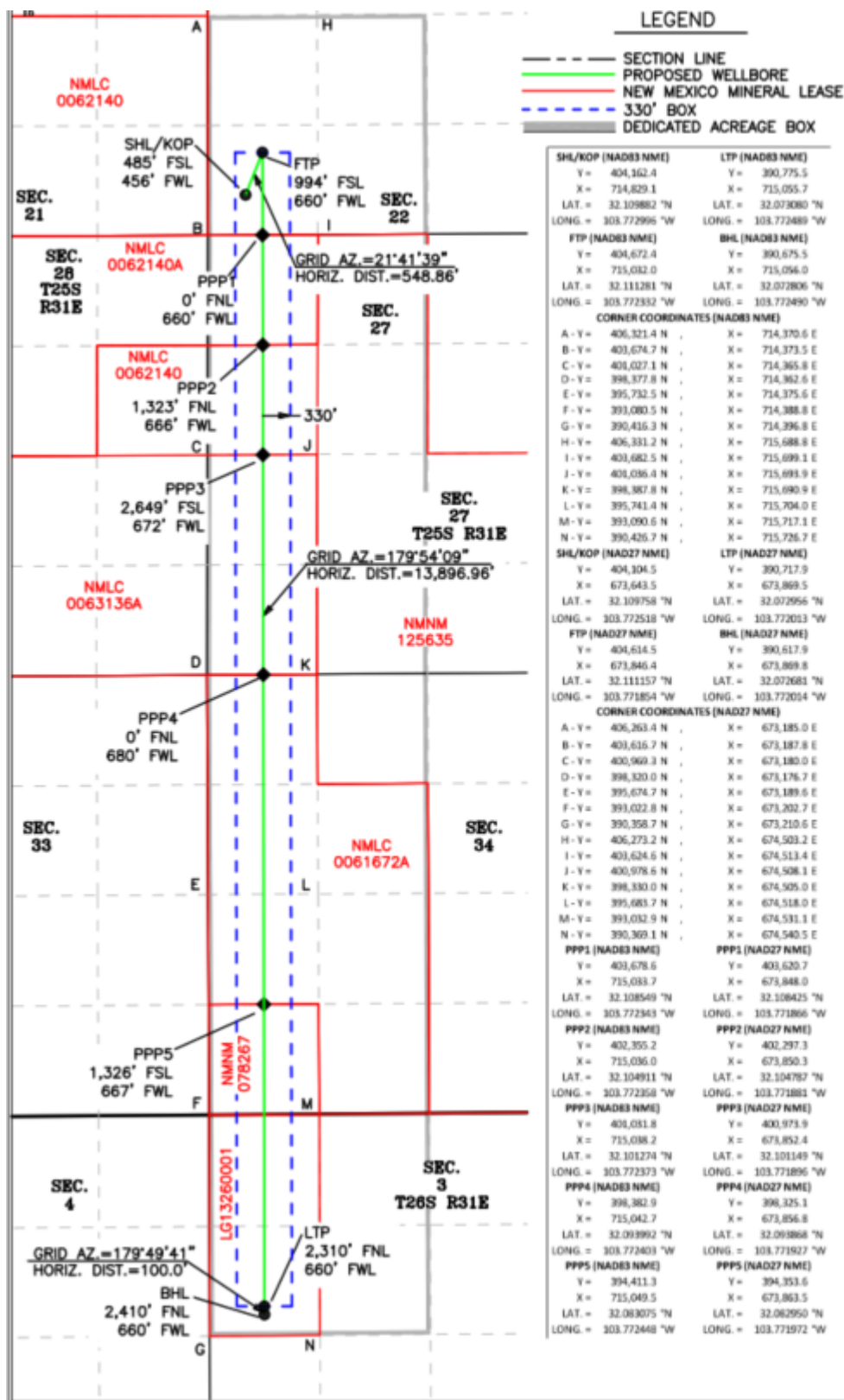
Signature and Seal of Professional Surveyor

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.

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.



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 undivided 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 _____

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 2022071180

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 21290
Certificate Number

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

XTO Energy Inc.
POKER LAKE UNIT 22-3 BS 122H
Projected TD: 26629' MD / 12075' TVD
SHL: 485' FSL & 456' FWL , Section 22, T25S, R31E
BHL: 2410' FNL & 660' FWL , Section 3, T26S, 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	880'	Water
Top of Salt	1196'	Water
Base of Salt	4066'	Water
Delaware	4281'	Water
Brushy Canyon	6772'	Water/Oil/Gas
Bone Spring	8246'	Water
Avalon	8364'	Water/Oil/Gas
1st Bone Spring	9086'	Water/Oil/Gas
2nd Bone Spring	9645'	Water/Oil/Gas
3rd Bone Spring	10328'	Water/Oil/Gas
Wolfcamp	11628'	Water/Oil/Gas
Wolfcamp X	11648'	Water/Oil/Gas
Wolfcamp Y	11740'	Water/Oil/Gas
Wolfcamp A	11787'	Water/Oil/Gas
Target/Land Curve	12075'	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 @ 980' (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 11307' and cemented to surface. A 6.75 inch curve and 6.75 inch lateral hole will be drilled to 26629 MD/TD and 5.5 inch production casing will be set at TD and cemented back up in the intermediate shoe (estimated TOC 11007 feet).

3. Casing Design

Hole Size	Depth	OD Csg	Weight	Grade	Collar	New/Used	SF Burst	SF Collapse	SF Tension
12.25	0' – 980'	9.625	40	J-55	BTC	New	1.27	6.42	16.07
8.75	0' – 4000'	7.625	29.7	RY P-110	Flush Joint	New	2.23	2.71	1.66
8.75	4000' – 11307'	7.625	29.7	HC L-80	Flush Joint	New	1.62	1.84	1.87
6.75	0' – 11207'	5.5	20	RY P-110	Semi-Premium	New	1.26	1.73	1.83
6.75	11207' - 26629'	5.5	20	RY P-110	Semi-Flush	New	1.26	1.61	1.83

· 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 +/- 980'

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 +/- 11307'

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: 420 sxs Class C (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water)

TOC: Brushy Canyon @ 6772

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 (6772') 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 +/- 26629'

Lead: 20 sxs NeoCem (mixed at 11.5 ppg, 2.69 ft3/sx, 15.00 gal/sx water) Top of Cement: 11007 feet

Tail: 1080 sxs VersaCem (mixed at 13.2 ppg, 1.51 ft3/sx, 8.38 gal/sx water) Top of Cement: 11507 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 nipping up on the 9,625, 5M bradenhead and flange, the BOP test will be limited to 5000 psi. When nipping 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' - 980'	12.25	FW/Native	8.7-9.2	35-40	NC	Fresh Water or Native Water
980' - 4281'		Salt Saturated	10.5-11			Fully Saturated salt across salado / /salt
4281' - 11307'	8.75	BDE / OBM	9-9.5	30-32	NC	N/A
11307' - 26629'	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 185 to 205 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 6907 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 122H

Measured Depth: 26628.65 ft
TVD RKB: 12075.00 ft
Location
Cartographic Reference System: New Mexico East - NAD 27
Northing: 404104.50 ft
Easting: 673643.50 ft
RKB: 3373.00 ft
Ground Level: 3341.00 ft
North Reference: Grid
Convergence Angle: 0.30 Deg

Plan Sections PLU 22-3 BS 122H

Measured	Depth (ft)	Inclination (Deg)	Azimuth (Deg)	TVD RKB (ft)	Y Offset (ft)	X Offset (ft)	Build		Turn		Dogleg	
							Rate (Deg/100ft)	Rate (Deg/100ft)	Rate (Deg/100ft)	Rate (Deg/100ft)	Rate (Deg/100ft)	Target
	0.00	0.00	0.00	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	0.00	0.00	0.00
	1814.01	14.28	9.34	1806.64	87.34	14.37	2.00	2.00	0.00	0.00	2.00	2.00
	6134.22	14.28	9.34	5993.36	1138.85	187.34	0.00	0.00	0.00	0.00	0.00	0.00
	6848.23	0.00	0.00	6700.00	1226.20	201.71	-2.00	-2.00	0.00	0.00	2.00	2.00
	11507.03	0.00	0.00	11358.80	1226.20	201.71	0.00	0.00	0.00	0.00	0.00	0.00
	12632.03	90.00	179.90	12075.00	510.00	202.90	8.00	8.00	0.00	0.00	8.00	FTP 122H
	26528.65	90.00	179.90	12075.00	-13386.60	226.00	0.00	0.00	0.00	0.00	0.00	LTP 122H
	26628.65	90.00	179.90	12075.00	-13486.60	226.17	0.00	0.00	0.00	0.00	0.00	BHL 122H

Position Uncertainty PLU 22-3 BS 122H

Measured	TVD	Highside	Lateral	Vertical	Magnitude	Semi-major	Semi-minor	Semi-minor	Tool
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Depth	Inclination	Azimuth	RKB	Error	Bias	Error	Bias	Error	Bias	Error	of Bias	Error	Error	Azimuth	Used
(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	
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	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	0.358	0.000	0.179	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	0.717	0.000	0.538	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	1.075	0.000	0.896	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	1.434	0.000	1.255	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	1.792	0.000	1.613	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	2.151	0.000	1.972	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	2.509	0.000	2.330	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	2.868	0.000	2.689	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	3.226	0.000	3.047	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	3.585	0.000	3.405	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	3.943	0.000	3.764	3.764	90.000	XOM_R2OWSG MWD+IFR1+MS
1200.000	2.000	9.342	1199.980	4.295	0.000	4.126	0.000	2.690	0.000	4.302	0.000	4.122	4.122	90.033	XOM_R2OWSG MWD+IFR1+MS
1300.000	4.000	9.342	1299.838	4.647	0.000	4.483	0.000	2.747	0.000	4.661	0.000	4.478	4.478	90.157	XOM_R2OWSG MWD+IFR1+MS
1400.000	6.000	9.342	1399.452	4.993	0.000	4.838	0.000	2.805	0.000	5.021	0.000	4.834	4.834	90.306	XOM_R2OWSG MWD+IFR1+MS
1500.000	8.000	9.342	1498.702	5.335	0.000	5.193	0.000	2.865	0.000	5.381	0.000	5.189	5.189	90.454	XOM_R2OWSG MWD+IFR1+MS
1600.000	10.000	9.342	1597.465	5.671	0.000	5.548	0.000	2.925	0.000	5.740	0.000	5.544	5.544	90.580	XOM_R2OWSG MWD+IFR1+MS
1700.000	12.000	9.342	1695.623	6.004	0.000	5.904	0.000	2.988	0.000	6.100	0.000	5.899	5.899	90.669	XOM_R2OWSG MWD+IFR1+MS
1800.000	14.000	9.342	1793.055	6.332	0.000	6.261	0.000	3.054	0.000	6.461	0.000	6.256	6.256	90.704	XOM_R2OWSG MWD+IFR1+MS

2/26/24, 1:10 PM

Well Plan Report														
1814.008	14.280	9.342	1806.639	6.378	0.000	6.311	0.000	3.058	0.000	0.000	6.514	6.306	90.832	XOM_R2OWSG MWD+IFR1+MS
1900.000	14.280	9.342	1889.974	6.694	0.000	6.620	0.000	3.129	0.000	0.000	6.820	6.615	90.617	XOM_R2OWSG MWD+IFR1+MS
2000.000	14.280	9.342	1986.884	7.064	0.000	6.982	0.000	3.217	0.000	0.000	7.179	6.977	90.355	XOM_R2OWSG MWD+IFR1+MS
2100.000	14.280	9.342	2083.794	7.438	0.000	7.346	0.000	3.309	0.000	0.000	7.541	7.341	90.113	XOM_R2OWSG MWD+IFR1+MS
2200.000	14.280	9.342	2180.704	7.814	0.000	7.713	0.000	3.404	0.000	0.000	7.905	7.708	89.890	XOM_R2OWSG MWD+IFR1+MS
2300.000	14.280	9.342	2277.614	8.192	0.000	8.081	0.000	3.502	0.000	0.000	8.271	8.076	89.683	XOM_R2OWSG MWD+IFR1+MS
2400.000	14.280	9.342	2374.524	8.572	0.000	8.451	0.000	3.604	0.000	0.000	8.639	8.446	89.493	XOM_R2OWSG MWD+IFR1+MS
2500.000	14.280	9.342	2471.434	8.954	0.000	8.823	0.000	3.708	0.000	0.000	9.009	8.817	89.317	XOM_R2OWSG MWD+IFR1+MS
2600.000	14.280	9.342	2568.345	9.337	0.000	9.195	0.000	3.815	0.000	0.000	9.380	9.189	89.156	XOM_R2OWSG MWD+IFR1+MS
2700.000	14.280	9.342	2665.255	9.722	0.000	9.569	0.000	3.924	0.000	0.000	9.752	9.563	89.007	XOM_R2OWSG MWD+IFR1+MS
2800.000	14.280	9.342	2762.165	10.107	0.000	9.943	0.000	4.036	0.000	0.000	10.126	9.937	88.871	XOM_R2OWSG MWD+IFR1+MS
2900.000	14.280	9.342	2859.075	10.494	0.000	10.319	0.000	4.150	0.000	0.000	10.501	10.312	88.746	XOM_R2OWSG MWD+IFR1+MS
3000.000	14.280	9.342	2955.985	10.881	0.000	10.695	0.000	4.266	0.000	0.000	10.876	10.688	88.632	XOM_R2OWSG MWD+IFR1+MS
3100.000	14.280	9.342	3052.895	11.270	0.000	11.072	0.000	4.384	0.000	0.000	11.253	11.065	88.527	XOM_R2OWSG MWD+IFR1+MS
3200.000	14.280	9.342	3149.805	11.659	0.000	11.449	0.000	4.504	0.000	0.000	11.630	11.442	88.433	XOM_R2OWSG MWD+IFR1+MS
3300.000	14.280	9.342	3246.715	12.048	0.000	11.827	0.000	4.626	0.000	0.000	12.008	11.820	88.347	XOM_R2OWSG MWD+IFR1+MS
3400.000	14.280	9.342	3343.625	12.438	0.000	12.205	0.000	4.749	0.000	0.000	12.386	12.198	88.269	XOM_R2OWSG MWD+IFR1+MS
3500.000	14.280	9.342	3440.536	12.829	0.000	12.584	0.000	4.874	0.000	0.000	12.765	12.577	88.199	XOM_R2OWSG MWD+IFR1+MS
3600.000	14.280	9.342	3537.446	13.220	0.000	12.964	0.000	5.001	0.000	0.000	13.145	12.956	88.137	XOM_R2OWSG MWD+IFR1+MS
3700.000	14.280	9.342	3634.356	13.612	0.000	13.343	0.000	5.130	0.000	0.000	13.525	13.336	88.081	XOM_R2OWSG MWD+IFR1+MS

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3800.000	14.280	9.342	3731.266	14.004	0.000	13.723	0.000	5.260	0.000	0.000	13.905	13.716	88.032	XOM_R2OWSG MWD+IFR1+MS
3900.000	14.280	9.342	3828.176	14.397	0.000	14.104	0.000	5.392	0.000	0.000	14.286	14.096	87.990	XOM_R2OWSG MWD+IFR1+MS
4000.000	14.280	9.342	3925.086	14.790	0.000	14.484	0.000	5.526	0.000	0.000	14.667	14.477	87.953	XOM_R2OWSG MWD+IFR1+MS
4100.000	14.280	9.342	4021.996	15.183	0.000	14.865	0.000	5.661	0.000	0.000	15.049	14.858	87.921	XOM_R2OWSG MWD+IFR1+MS
4200.000	14.280	9.342	4118.906	15.576	0.000	15.246	0.000	5.797	0.000	0.000	15.431	15.239	87.895	XOM_R2OWSG MWD+IFR1+MS
4300.000	14.280	9.342	4215.816	15.970	0.000	15.628	0.000	5.935	0.000	0.000	15.813	15.620	87.875	XOM_R2OWSG MWD+IFR1+MS
4400.000	14.280	9.342	4312.727	16.364	0.000	16.009	0.000	6.075	0.000	0.000	16.196	16.002	87.858	XOM_R2OWSG MWD+IFR1+MS
4500.000	14.280	9.342	4409.637	16.758	0.000	16.391	0.000	6.216	0.000	0.000	16.578	16.383	87.847	XOM_R2OWSG MWD+IFR1+MS
4600.000	14.280	9.342	4506.547	17.153	0.000	16.773	0.000	6.359	0.000	0.000	16.961	16.765	87.840	XOM_R2OWSG MWD+IFR1+MS
4700.000	14.280	9.342	4603.457	17.547	0.000	17.155	0.000	6.503	0.000	0.000	17.345	17.147	87.837	XOM_R2OWSG MWD+IFR1+MS
4800.000	14.280	9.342	4700.367	17.942	0.000	17.538	0.000	6.649	0.000	0.000	17.728	17.530	87.838	XOM_R2OWSG MWD+IFR1+MS
4900.000	14.280	9.342	4797.277	18.337	0.000	17.920	0.000	6.796	0.000	0.000	18.112	17.912	87.843	XOM_R2OWSG MWD+IFR1+MS
5000.000	14.280	9.342	4894.187	18.732	0.000	18.303	0.000	6.945	0.000	0.000	18.496	18.295	87.851	XOM_R2OWSG MWD+IFR1+MS
5100.000	14.280	9.342	4991.097	19.127	0.000	18.685	0.000	7.096	0.000	0.000	18.880	18.677	87.863	XOM_R2OWSG MWD+IFR1+MS
5200.000	14.280	9.342	5088.008	19.523	0.000	19.068	0.000	7.248	0.000	0.000	19.264	19.060	87.878	XOM_R2OWSG MWD+IFR1+MS
5300.000	14.280	9.342	5184.918	19.919	0.000	19.451	0.000	7.402	0.000	0.000	19.649	19.443	87.896	XOM_R2OWSG MWD+IFR1+MS
5400.000	14.280	9.342	5281.828	20.314	0.000	19.834	0.000	7.557	0.000	0.000	20.033	19.826	87.918	XOM_R2OWSG MWD+IFR1+MS
5500.000	14.280	9.342	5378.738	20.710	0.000	20.218	0.000	7.715	0.000	0.000	20.418	20.209	87.942	XOM_R2OWSG MWD+IFR1+MS
5600.000	14.280	9.342	5475.648	21.106	0.000	20.601	0.000	7.873	0.000	0.000	20.803	20.593	87.970	XOM_R2OWSG MWD+IFR1+MS
5700.000	14.280	9.342	5572.558	21.502	0.000	20.984	0.000	8.034	0.000	0.000	21.188	20.976	88.000	XOM_R2OWSG MWD+IFR1+MS

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5800.000	14.280	9.342	5669.468	21.898	0.000	21.368	0.000	8.196	0.000	0.000	21.574	21.360	88.032	XOM_R2OWSG MWD+IFR1+MS
5900.000	14.280	9.342	5766.378	22.295	0.000	21.751	0.000	8.360	0.000	0.000	21.959	21.743	88.067	XOM_R2OWSG MWD+IFR1+MS
6000.000	14.280	9.342	5863.288	22.691	0.000	22.135	0.000	8.525	0.000	0.000	22.345	22.127	88.105	XOM_R2OWSG MWD+IFR1+MS
6100.000	14.280	9.342	5960.199	23.088	0.000	22.519	0.000	8.693	0.000	0.000	22.730	22.510	88.145	XOM_R2OWSG MWD+IFR1+MS
6134.220	14.280	9.342	5993.361	23.223	0.000	22.650	0.000	8.751	0.000	0.000	22.862	22.642	88.163	XOM_R2OWSG MWD+IFR1+MS
6200.000	12.965	9.342	6057.289	23.502	0.000	22.901	0.000	8.862	0.000	0.000	23.115	22.893	88.181	XOM_R2OWSG MWD+IFR1+MS
6300.000	10.965	9.342	6155.112	23.898	0.000	23.278	0.000	9.028	0.000	0.000	23.493	23.270	88.226	XOM_R2OWSG MWD+IFR1+MS
6400.000	8.965	9.342	6253.598	24.259	0.000	23.648	0.000	9.190	0.000	0.000	23.866	23.640	88.300	XOM_R2OWSG MWD+IFR1+MS
6500.000	6.965	9.342	6352.629	24.584	0.000	24.011	0.000	9.346	0.000	0.000	24.232	24.003	88.388	XOM_R2OWSG MWD+IFR1+MS
6600.000	4.965	9.342	6452.082	24.873	0.000	24.368	0.000	9.497	0.000	0.000	24.590	24.359	88.461	XOM_R2OWSG MWD+IFR1+MS
6700.000	2.965	9.342	6551.838	25.126	0.000	24.716	0.000	9.643	0.000	0.000	24.939	24.708	88.498	XOM_R2OWSG MWD+IFR1+MS
6800.000	0.965	9.342	6651.774	25.342	0.000	25.057	0.000	9.786	0.000	0.000	25.280	25.049	88.476	XOM_R2OWSG MWD+IFR1+MS
6848.228	0.000	0.000	6700.000	25.441	0.000	25.210	0.000	9.853	0.000	0.000	25.441	25.210	88.413	XOM_R2OWSG MWD+IFR1+MS
6900.000	0.000	0.000	6751.772	25.612	0.000	25.383	0.000	9.925	0.000	0.000	25.612	25.383	88.309	XOM_R2OWSG MWD+IFR1+MS
7000.000	0.000	0.000	6851.772	25.944	0.000	25.717	0.000	10.066	0.000	0.000	25.944	25.716	88.110	XOM_R2OWSG MWD+IFR1+MS
7100.000	0.000	0.000	6951.772	26.277	0.000	26.051	0.000	10.211	0.000	0.000	26.277	26.051	87.913	XOM_R2OWSG MWD+IFR1+MS
7200.000	0.000	0.000	7051.772	26.610	0.000	26.386	0.000	10.358	0.000	0.000	26.610	26.386	87.718	XOM_R2OWSG MWD+IFR1+MS
7300.000	0.000	0.000	7151.772	26.944	0.000	26.722	0.000	10.507	0.000	0.000	26.944	26.721	87.525	XOM_R2OWSG MWD+IFR1+MS
7400.000	0.000	0.000	7251.772	27.278	0.000	27.058	0.000	10.660	0.000	0.000	27.279	27.058	87.335	XOM_R2OWSG MWD+IFR1+MS
7500.000	0.000	0.000	7351.772	27.614	0.000	27.395	0.000	10.816	0.000	0.000	27.614	27.394	87.146	XOM_R2OWSG MWD+IFR1+MS

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7600.000	0.000	0.000	7451.772	27.949	0.000	27.732	0.000	10.975	0.000	0.000	27.950	27.732	86.960	XOM_R2OWSG MWD+IFR1+MS
7700.000	0.000	0.000	7551.772	28.286	0.000	28.070	0.000	11.136	0.000	0.000	28.286	28.069	86.775	XOM_R2OWSG MWD+IFR1+MS
7800.000	0.000	0.000	7651.772	28.622	0.000	28.408	0.000	11.301	0.000	0.000	28.623	28.408	86.593	XOM_R2OWSG MWD+IFR1+MS
7900.000	0.000	0.000	7751.772	28.960	0.000	28.747	0.000	11.469	0.000	0.000	28.961	28.746	86.412	XOM_R2OWSG MWD+IFR1+MS
8000.000	0.000	0.000	7851.772	29.298	0.000	29.087	0.000	11.639	0.000	0.000	29.299	29.086	86.234	XOM_R2OWSG MWD+IFR1+MS
8100.000	0.000	0.000	7951.772	29.636	0.000	29.426	0.000	11.813	0.000	0.000	29.637	29.425	86.057	XOM_R2OWSG MWD+IFR1+MS
8200.000	0.000	0.000	8051.772	29.975	0.000	29.767	0.000	11.990	0.000	0.000	29.976	29.766	85.883	XOM_R2OWSG MWD+IFR1+MS
8300.000	0.000	0.000	8151.772	30.314	0.000	30.107	0.000	12.170	0.000	0.000	30.315	30.106	85.710	XOM_R2OWSG MWD+IFR1+MS
8400.000	0.000	0.000	8251.772	30.654	0.000	30.448	0.000	12.353	0.000	0.000	30.655	30.447	85.540	XOM_R2OWSG MWD+IFR1+MS
8500.000	0.000	0.000	8351.772	30.994	0.000	30.790	0.000	12.539	0.000	0.000	30.995	30.788	85.371	XOM_R2OWSG MWD+IFR1+MS
8600.000	0.000	0.000	8451.772	31.334	0.000	31.132	0.000	12.728	0.000	0.000	31.336	31.130	85.204	XOM_R2OWSG MWD+IFR1+MS
8700.000	0.000	0.000	8551.772	31.675	0.000	31.474	0.000	12.920	0.000	0.000	31.677	31.472	85.039	XOM_R2OWSG MWD+IFR1+MS
8800.000	0.000	0.000	8651.772	32.017	0.000	31.816	0.000	13.116	0.000	0.000	32.018	31.815	84.876	XOM_R2OWSG MWD+IFR1+MS
8900.000	0.000	0.000	8751.772	32.358	0.000	32.159	0.000	13.314	0.000	0.000	32.360	32.157	84.714	XOM_R2OWSG MWD+IFR1+MS
9000.000	0.000	0.000	8851.772	32.700	0.000	32.502	0.000	13.516	0.000	0.000	32.702	32.501	84.555	XOM_R2OWSG MWD+IFR1+MS
9100.000	0.000	0.000	8951.772	33.043	0.000	32.846	0.000	13.720	0.000	0.000	33.045	32.844	84.397	XOM_R2OWSG MWD+IFR1+MS
9200.000	0.000	0.000	9051.772	33.386	0.000	33.190	0.000	13.928	0.000	0.000	33.388	33.188	84.241	XOM_R2OWSG MWD+IFR1+MS
9300.000	0.000	0.000	9151.772	33.729	0.000	33.534	0.000	14.140	0.000	0.000	33.731	33.532	84.087	XOM_R2OWSG MWD+IFR1+MS
9400.000	0.000	0.000	9251.772	34.072	0.000	33.879	0.000	14.354	0.000	0.000	34.074	33.876	83.934	XOM_R2OWSG MWD+IFR1+MS
9500.000	0.000	0.000	9351.772	34.416	0.000	34.223	0.000	14.571	0.000	0.000	34.418	34.221	83.783	XOM_R2OWSG MWD+IFR1+MS

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9600.000	0.000	0.000	9451.772	34.760	0.000	34.568	0.000	14.792	0.000	0.000	34.762	34.566	83.634	XOM_R2OWSG MWD+IFR1+MS
9700.000	0.000	0.000	9551.772	35.104	0.000	34.914	0.000	15.016	0.000	0.000	35.106	34.911	83.486	XOM_R2OWSG MWD+IFR1+MS
9800.000	0.000	0.000	9651.772	35.448	0.000	35.259	0.000	15.243	0.000	0.000	35.451	35.257	83.340	XOM_R2OWSG MWD+IFR1+MS
9900.000	0.000	0.000	9751.772	35.793	0.000	35.605	0.000	15.473	0.000	0.000	35.796	35.602	83.196	XOM_R2OWSG MWD+IFR1+MS
10000.000	0.000	0.000	9851.772	36.138	0.000	35.951	0.000	15.706	0.000	0.000	36.141	35.948	83.053	XOM_R2OWSG MWD+IFR1+MS
10100.000	0.000	0.000	9951.772	36.484	0.000	36.298	0.000	15.943	0.000	0.000	36.487	36.295	82.912	XOM_R2OWSG MWD+IFR1+MS
10200.000	0.000	0.000	10051.772	36.829	0.000	36.644	0.000	16.183	0.000	0.000	36.832	36.641	82.772	XOM_R2OWSG MWD+IFR1+MS
10300.000	0.000	0.000	10151.772	37.175	0.000	36.991	0.000	16.426	0.000	0.000	37.178	36.988	82.634	XOM_R2OWSG MWD+IFR1+MS
10400.000	0.000	0.000	10251.772	37.521	0.000	37.338	0.000	16.672	0.000	0.000	37.524	37.335	82.498	XOM_R2OWSG MWD+IFR1+MS
10500.000	0.000	0.000	10351.772	37.868	0.000	37.685	0.000	16.921	0.000	0.000	37.871	37.682	82.363	XOM_R2OWSG MWD+IFR1+MS
10600.000	0.000	0.000	10451.772	38.214	0.000	38.033	0.000	17.174	0.000	0.000	38.218	38.029	82.229	XOM_R2OWSG MWD+IFR1+MS
10700.000	0.000	0.000	10551.772	38.561	0.000	38.380	0.000	17.429	0.000	0.000	38.564	38.377	82.097	XOM_R2OWSG MWD+IFR1+MS
10800.000	0.000	0.000	10651.772	38.908	0.000	38.728	0.000	17.688	0.000	0.000	38.911	38.724	81.966	XOM_R2OWSG MWD+IFR1+MS
10900.000	0.000	0.000	10751.772	39.255	0.000	39.076	0.000	17.951	0.000	0.000	39.259	39.072	81.837	XOM_R2OWSG MWD+IFR1+MS
11000.000	0.000	0.000	10851.772	39.602	0.000	39.424	0.000	18.216	0.000	0.000	39.606	39.420	81.709	XOM_R2OWSG MWD+IFR1+MS
11100.000	0.000	0.000	10951.772	39.950	0.000	39.773	0.000	18.485	0.000	0.000	39.954	39.769	81.583	XOM_R2OWSG MWD+IFR1+MS
11200.000	0.000	0.000	11051.772	40.298	0.000	40.121	0.000	18.757	0.000	0.000	40.302	40.117	81.458	XOM_R2OWSG MWD+IFR1+MS
11300.000	0.000	0.000	11151.772	40.646	0.000	40.470	0.000	19.032	0.000	0.000	40.650	40.466	81.334	XOM_R2OWSG MWD+IFR1+MS
11400.000	0.000	0.000	11251.772	40.994	0.000	40.819	0.000	19.310	0.000	0.000	40.998	40.815	81.212	XOM_R2OWSG MWD+IFR1+MS
11507.031	0.000	0.000	11358.803	41.367	0.000	41.192	0.000	19.611	0.000	0.000	41.371	41.188	81.082	XOM_R2OWSG MWD+IFR1+MS

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11600.000	7.438	179.905	11451.511	40.873	0.000	41.494	-0.000	19.870	0.000	41.665	41.489	80.491	XOM_R2OWSG MWD+IFR1+MS
11700.000	15.438	179.905	11549.446	39.712	0.000	41.782	-0.000	20.136	0.000	41.934	41.776	78.793	XOM_R2OWSG MWD+IFR1+MS
11800.000	23.438	179.905	11643.669	37.961	0.000	42.043	-0.000	20.384	0.000	42.163	42.035	75.270	XOM_R2OWSG MWD+IFR1+MS
11900.000	31.438	179.905	11732.349	35.697	0.000	42.274	-0.000	20.615	0.000	42.353	42.261	67.138	XOM_R2OWSG MWD+IFR1+MS
12000.000	39.438	179.905	11813.757	33.030	0.000	42.474	-0.000	20.830	0.000	42.511	42.442	47.186	XOM_R2OWSG MWD+IFR1+MS
12100.000	47.438	179.905	11886.311	30.116	0.000	42.641	-0.000	21.032	0.000	42.656	42.563	23.901	XOM_R2OWSG MWD+IFR1+MS
12200.000	55.438	179.905	11948.597	27.170	0.000	42.774	-0.000	21.227	0.000	42.782	42.631	13.379	XOM_R2OWSG MWD+IFR1+MS
12300.000	63.438	179.905	11999.403	24.487	0.000	42.874	-0.000	21.422	0.000	42.879	42.665	8.676	XOM_R2OWSG MWD+IFR1+MS
12400.000	71.438	179.905	12037.741	22.447	0.000	42.940	-0.000	21.622	0.000	42.943	42.676	6.038	XOM_R2OWSG MWD+IFR1+MS
12500.000	79.438	179.905	12062.864	21.450	0.000	42.973	-0.000	21.834	0.000	42.974	42.674	4.243	XOM_R2OWSG MWD+IFR1+MS
12600.000	87.438	179.905	12074.284	21.758	0.000	42.973	-0.000	22.060	0.000	42.973	42.671	2.759	XOM_R2OWSG MWD+IFR1+MS
12632.031	90.000	179.905	12075.000	22.135	0.000	42.965	-0.000	22.135	0.000	42.965	42.672	2.290	XOM_R2OWSG MWD+IFR1+MS
12700.000	90.000	179.905	12075.000	22.303	0.000	42.949	-0.000	22.303	0.000	42.949	42.673	1.154	XOM_R2OWSG MWD+IFR1+MS
12800.000	90.000	179.905	12075.000	22.570	0.000	42.938	-0.000	22.570	0.000	42.938	42.675	-0.767	XOM_R2OWSG MWD+IFR1+MS
12900.000	90.000	179.905	12075.000	22.860	0.000	42.941	-0.000	22.860	0.000	42.942	42.677	-2.735	XOM_R2OWSG MWD+IFR1+MS
13000.000	90.000	179.905	12075.000	23.174	0.000	42.958	-0.000	23.174	0.000	42.960	42.679	-4.460	XOM_R2OWSG MWD+IFR1+MS
13100.000	90.000	179.905	12075.000	23.510	0.000	42.988	-0.000	23.510	0.000	42.991	42.681	-5.755	XOM_R2OWSG MWD+IFR1+MS
13200.000	90.000	179.905	12075.000	23.867	0.000	43.032	-0.000	23.867	0.000	43.036	42.684	-6.579	XOM_R2OWSG MWD+IFR1+MS
13300.000	90.000	179.905	12075.000	24.244	0.000	43.089	-0.000	24.244	0.000	43.095	42.688	-7.002	XOM_R2OWSG MWD+IFR1+MS
13400.000	90.000	179.905	12075.000	24.640	0.000	43.160	-0.000	24.640	0.000	43.167	42.693	-7.130	XOM_R2OWSG MWD+IFR1+MS

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13500.000	90.000	179.905	12075.000	25.055	0.000	43.244	-0.000	25.055	0.000	43.252	42.698	-7.061	XOM_R2OWSG MWD+IFR1+MS
13600.000	90.000	179.905	12075.000	25.487	0.000	43.341	-0.000	25.487	0.000	43.350	42.705	-6.872	XOM_R2OWSG MWD+IFR1+MS
13700.000	90.000	179.905	12075.000	25.936	0.000	43.452	-0.000	25.936	0.000	43.461	42.712	-6.618	XOM_R2OWSG MWD+IFR1+MS
13800.000	90.000	179.905	12075.000	26.400	0.000	43.576	-0.000	26.400	0.000	43.586	42.721	-6.333	XOM_R2OWSG MWD+IFR1+MS
13900.000	90.000	179.905	12075.000	26.879	0.000	43.712	-0.000	26.879	0.000	43.723	42.730	-6.039	XOM_R2OWSG MWD+IFR1+MS
14000.000	90.000	179.905	12075.000	27.373	0.000	43.862	-0.000	27.373	0.000	43.873	42.739	-5.749	XOM_R2OWSG MWD+IFR1+MS
14100.000	90.000	179.905	12075.000	27.879	0.000	44.025	-0.000	27.879	0.000	44.036	42.750	-5.470	XOM_R2OWSG MWD+IFR1+MS
14200.000	90.000	179.905	12075.000	28.399	0.000	44.200	-0.000	28.399	0.000	44.211	42.761	-5.205	XOM_R2OWSG MWD+IFR1+MS
14300.000	90.000	179.905	12075.000	28.930	0.000	44.387	-0.000	28.930	0.000	44.399	42.773	-4.957	XOM_R2OWSG MWD+IFR1+MS
14400.000	90.000	179.905	12075.000	29.473	0.000	44.587	-0.000	29.473	0.000	44.599	42.786	-4.726	XOM_R2OWSG MWD+IFR1+MS
14500.000	90.000	179.905	12075.000	30.026	0.000	44.799	-0.000	30.026	0.000	44.811	42.800	-4.511	XOM_R2OWSG MWD+IFR1+MS
14600.000	90.000	179.905	12075.000	30.590	0.000	45.023	-0.000	30.590	0.000	45.035	42.814	-4.312	XOM_R2OWSG MWD+IFR1+MS
14700.000	90.000	179.905	12075.000	31.163	0.000	45.259	-0.000	31.163	0.000	45.271	42.829	-4.126	XOM_R2OWSG MWD+IFR1+MS
14800.000	90.000	179.905	12075.000	31.745	0.000	45.507	-0.000	31.745	0.000	45.519	42.845	-3.955	XOM_R2OWSG MWD+IFR1+MS
14900.000	90.000	179.905	12075.000	32.335	0.000	45.766	-0.000	32.335	0.000	45.777	42.861	-3.795	XOM_R2OWSG MWD+IFR1+MS
15000.000	90.000	179.905	12075.000	32.934	0.000	46.036	-0.000	32.934	0.000	46.048	42.878	-3.647	XOM_R2OWSG MWD+IFR1+MS
15100.000	90.000	179.905	12075.000	33.541	0.000	46.317	-0.000	33.541	0.000	46.329	42.896	-3.509	XOM_R2OWSG MWD+IFR1+MS
15200.000	90.000	179.905	12075.000	34.154	0.000	46.609	-0.000	34.154	0.000	46.621	42.915	-3.381	XOM_R2OWSG MWD+IFR1+MS
15300.000	90.000	179.905	12075.000	34.775	0.000	46.912	-0.000	34.775	0.000	46.924	42.934	-3.261	XOM_R2OWSG MWD+IFR1+MS
15400.000	90.000	179.905	12075.000	35.402	0.000	47.225	-0.000	35.402	0.000	47.237	42.954	-3.149	XOM_R2OWSG MWD+IFR1+MS

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15500.000	90.000	179.905	12075.000	36.035	0.000	47.548	-0.000	36.035	0.000	47.560	42.974	-3.044	XOM_R2OWSG MWD+IFR1+MS
15600.000	90.000	179.905	12075.000	36.675	0.000	47.882	-0.000	36.675	0.000	47.893	42.996	-2.946	XOM_R2OWSG MWD+IFR1+MS
15700.000	90.000	179.905	12075.000	37.319	0.000	48.225	-0.000	37.319	0.000	48.236	43.018	-2.853	XOM_R2OWSG MWD+IFR1+MS
15800.000	90.000	179.905	12075.000	37.969	0.000	48.578	-0.000	37.969	0.000	48.589	43.040	-2.766	XOM_R2OWSG MWD+IFR1+MS
15900.000	90.000	179.905	12075.000	38.624	0.000	48.940	-0.000	38.624	0.000	48.951	43.064	-2.685	XOM_R2OWSG MWD+IFR1+MS
16000.000	90.000	179.905	12075.000	39.284	0.000	49.311	-0.000	39.284	0.000	49.323	43.088	-2.607	XOM_R2OWSG MWD+IFR1+MS
16100.000	90.000	179.905	12075.000	39.948	0.000	49.692	-0.000	39.948	0.000	49.703	43.113	-2.534	XOM_R2OWSG MWD+IFR1+MS
16200.000	90.000	179.905	12075.000	40.617	0.000	50.081	-0.000	40.617	0.000	50.092	43.138	-2.465	XOM_R2OWSG MWD+IFR1+MS
16300.000	90.000	179.905	12075.000	41.289	0.000	50.479	-0.000	41.289	0.000	50.490	43.164	-2.400	XOM_R2OWSG MWD+IFR1+MS
16400.000	90.000	179.905	12075.000	41.966	0.000	50.885	-0.000	41.966	0.000	50.896	43.191	-2.338	XOM_R2OWSG MWD+IFR1+MS
16500.000	90.000	179.905	12075.000	42.646	0.000	51.299	-0.000	42.646	0.000	51.310	43.219	-2.279	XOM_R2OWSG MWD+IFR1+MS
16600.000	90.000	179.905	12075.000	43.330	0.000	51.722	-0.000	43.330	0.000	51.732	43.247	-2.224	XOM_R2OWSG MWD+IFR1+MS
16700.000	90.000	179.905	12075.000	44.017	0.000	52.152	-0.000	44.017	0.000	52.162	43.276	-2.170	XOM_R2OWSG MWD+IFR1+MS
16800.000	90.000	179.905	12075.000	44.708	0.000	52.589	-0.000	44.708	0.000	52.600	43.305	-2.120	XOM_R2OWSG MWD+IFR1+MS
16900.000	90.000	179.905	12075.000	45.401	0.000	53.034	-0.000	45.401	0.000	53.045	43.335	-2.071	XOM_R2OWSG MWD+IFR1+MS
17000.000	90.000	179.905	12075.000	46.098	0.000	53.487	-0.000	46.098	0.000	53.497	43.366	-2.025	XOM_R2OWSG MWD+IFR1+MS
17100.000	90.000	179.905	12075.000	46.797	0.000	53.946	-0.000	46.797	0.000	53.956	43.398	-1.981	XOM_R2OWSG MWD+IFR1+MS
17200.000	90.000	179.905	12075.000	47.499	0.000	54.412	-0.000	47.499	0.000	54.423	43.430	-1.939	XOM_R2OWSG MWD+IFR1+MS
17300.000	90.000	179.905	12075.000	48.203	0.000	54.885	-0.000	48.203	0.000	54.895	43.463	-1.899	XOM_R2OWSG MWD+IFR1+MS
17400.000	90.000	179.905	12075.000	48.910	0.000	55.365	-0.000	48.910	0.000	55.375	43.497	-1.860	XOM_R2OWSG MWD+IFR1+MS

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17500.000	90.000	179.905	12075.000	49.619	0.000	55.851	-0.000	49.619	0.000	55.860	43.531	-1.823	XOM_R2OWSG MWD+IFR1+MS
17600.000	90.000	179.905	12075.000	50.330	0.000	56.342	-0.000	50.330	0.000	56.352	43.566	-1.787	XOM_R2OWSG MWD+IFR1+MS
17700.000	90.000	179.905	12075.000	51.044	0.000	56.840	-0.000	51.044	0.000	56.850	43.601	-1.753	XOM_R2OWSG MWD+IFR1+MS
17800.000	90.000	179.905	12075.000	51.760	0.000	57.344	-0.000	51.760	0.000	57.354	43.637	-1.720	XOM_R2OWSG MWD+IFR1+MS
17900.000	90.000	179.905	12075.000	52.477	0.000	57.854	-0.000	52.477	0.000	57.864	43.674	-1.689	XOM_R2OWSG MWD+IFR1+MS
18000.000	90.000	179.905	12075.000	53.197	0.000	58.369	-0.000	53.197	0.000	58.379	43.712	-1.658	XOM_R2OWSG MWD+IFR1+MS
18100.000	90.000	179.905	12075.000	53.918	0.000	58.890	-0.000	53.918	0.000	58.899	43.750	-1.629	XOM_R2OWSG MWD+IFR1+MS
18200.000	90.000	179.905	12075.000	54.641	0.000	59.416	-0.000	54.641	0.000	59.425	43.789	-1.601	XOM_R2OWSG MWD+IFR1+MS
18300.000	90.000	179.905	12075.000	55.366	0.000	59.947	-0.000	55.366	0.000	59.956	43.828	-1.574	XOM_R2OWSG MWD+IFR1+MS
18400.000	90.000	179.905	12075.000	56.093	0.000	60.483	-0.000	56.093	0.000	60.492	43.869	-1.547	XOM_R2OWSG MWD+IFR1+MS
18500.000	90.000	179.905	12075.000	56.820	0.000	61.023	-0.000	56.820	0.000	61.032	43.909	-1.522	XOM_R2OWSG MWD+IFR1+MS
18600.000	90.000	179.905	12075.000	57.550	0.000	61.569	-0.000	57.550	0.000	61.578	43.951	-1.498	XOM_R2OWSG MWD+IFR1+MS
18700.000	90.000	179.905	12075.000	58.281	0.000	62.119	-0.000	58.281	0.000	62.128	43.993	-1.474	XOM_R2OWSG MWD+IFR1+MS
18800.000	90.000	179.905	12075.000	59.013	0.000	62.674	-0.000	59.013	0.000	62.683	44.036	-1.451	XOM_R2OWSG MWD+IFR1+MS
18900.000	90.000	179.905	12075.000	59.747	0.000	63.233	-0.000	59.747	0.000	63.242	44.079	-1.429	XOM_R2OWSG MWD+IFR1+MS
19000.000	90.000	179.905	12075.000	60.482	0.000	63.796	-0.000	60.482	0.000	63.805	44.123	-1.407	XOM_R2OWSG MWD+IFR1+MS
19100.000	90.000	179.905	12075.000	61.218	0.000	64.364	-0.000	61.218	0.000	64.373	44.168	-1.387	XOM_R2OWSG MWD+IFR1+MS
19200.000	90.000	179.905	12075.000	61.955	0.000	64.935	-0.000	61.955	0.000	64.944	44.213	-1.367	XOM_R2OWSG MWD+IFR1+MS
19300.000	90.000	179.905	12075.000	62.693	0.000	65.511	-0.000	62.693	0.000	65.519	44.259	-1.347	XOM_R2OWSG MWD+IFR1+MS
19400.000	90.000	179.905	12075.000	63.433	0.000	66.090	-0.000	63.433	0.000	66.099	44.306	-1.328	XOM_R2OWSG MWD+IFR1+MS

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19500.000	90.000	179.905	12075.000	64.174	0.000	66.673	-0.000	64.174	0.000	0.000	66.682	44.353	-1.310	XOM_R2OWSG MWD+IFR1+MS
19600.000	90.000	179.905	12075.000	64.915	0.000	67.260	-0.000	64.915	0.000	0.000	67.268	44.401	-1.292	XOM_R2OWSG MWD+IFR1+MS
19700.000	90.000	179.905	12075.000	65.658	0.000	67.850	-0.000	65.658	0.000	0.000	67.858	44.449	-1.274	XOM_R2OWSG MWD+IFR1+MS
19800.000	90.000	179.905	12075.000	66.402	0.000	68.444	-0.000	66.402	0.000	0.000	68.452	44.498	-1.258	XOM_R2OWSG MWD+IFR1+MS
19900.000	90.000	179.905	12075.000	67.146	0.000	69.041	-0.000	67.146	0.000	0.000	69.049	44.548	-1.241	XOM_R2OWSG MWD+IFR1+MS
20000.000	90.000	179.905	12075.000	67.892	0.000	69.641	-0.000	67.892	0.000	0.000	69.649	44.598	-1.225	XOM_R2OWSG MWD+IFR1+MS
20100.000	90.000	179.905	12075.000	68.638	0.000	70.245	-0.000	68.638	0.000	0.000	70.253	44.649	-1.210	XOM_R2OWSG MWD+IFR1+MS
20200.000	90.000	179.905	12075.000	69.385	0.000	70.851	-0.000	69.385	0.000	0.000	70.859	44.701	-1.195	XOM_R2OWSG MWD+IFR1+MS
20300.000	90.000	179.905	12075.000	70.133	0.000	71.461	-0.000	70.133	0.000	0.000	71.469	44.753	-1.180	XOM_R2OWSG MWD+IFR1+MS
20400.000	90.000	179.905	12075.000	70.882	0.000	72.074	-0.000	70.882	0.000	0.000	72.081	44.806	-1.166	XOM_R2OWSG MWD+IFR1+MS
20500.000	90.000	179.905	12075.000	71.632	0.000	72.689	-0.000	71.632	0.000	0.000	72.697	44.859	-1.152	XOM_R2OWSG MWD+IFR1+MS
20600.000	90.000	179.905	12075.000	72.382	0.000	73.307	-0.000	72.382	0.000	0.000	73.315	44.913	-1.138	XOM_R2OWSG MWD+IFR1+MS
20700.000	90.000	179.905	12075.000	73.133	0.000	73.928	-0.000	73.133	0.000	0.000	73.936	44.968	-1.125	XOM_R2OWSG MWD+IFR1+MS
20800.000	90.000	179.905	12075.000	73.885	0.000	74.552	-0.000	73.885	0.000	0.000	74.560	45.023	-1.112	XOM_R2OWSG MWD+IFR1+MS
20900.000	90.000	179.905	12075.000	74.638	0.000	75.178	-0.000	74.638	0.000	0.000	75.186	45.079	-1.100	XOM_R2OWSG MWD+IFR1+MS
21000.000	90.000	179.905	12075.000	75.391	0.000	75.807	-0.000	75.391	0.000	0.000	75.815	45.135	-1.087	XOM_R2OWSG MWD+IFR1+MS
21100.000	90.000	179.905	12075.000	76.144	0.000	76.438	-0.000	76.144	0.000	0.000	76.446	45.192	-1.075	XOM_R2OWSG MWD+IFR1+MS
21200.000	90.000	179.905	12075.000	76.899	0.000	77.072	-0.000	76.899	0.000	0.000	77.079	45.250	-1.064	XOM_R2OWSG MWD+IFR1+MS
21300.000	90.000	179.905	12075.000	77.654	0.000	77.708	-0.000	77.654	0.000	0.000	77.715	45.308	-1.052	XOM_R2OWSG MWD+IFR1+MS
21400.000	90.000	179.905	12075.000	78.409	0.000	78.347	-0.000	78.409	0.000	0.000	78.354	45.367	-1.041	XOM_R2OWSG MWD+IFR1+MS

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21500.000	90.000	179.905	12075.000	79.166	0.000	78.987	-0.000	79.166	0.000	0.000	XOM_R2OWSG MWD+IFR1+MS
21600.000	90.000	179.905	12075.000	79.922	0.000	79.630	-0.000	79.922	0.000	0.000	XOM_R2OWSG MWD+IFR1+MS
21700.000	90.000	179.905	12075.000	80.679	0.000	80.275	-0.000	80.679	0.000	0.000	XOM_R2OWSG MWD+IFR1+MS
21800.000	90.000	179.905	12075.000	81.437	0.000	80.922	-0.000	81.437	0.000	0.000	XOM_R2OWSG MWD+IFR1+MS
21900.000	90.000	179.905	12075.000	82.195	0.000	81.571	-0.000	82.195	0.000	0.000	XOM_R2OWSG MWD+IFR1+MS
22000.000	90.000	179.905	12075.000	82.954	0.000	82.222	-0.000	82.954	0.000	0.000	XOM_R2OWSG MWD+IFR1+MS
22100.000	90.000	179.905	12075.000	83.713	0.000	82.875	-0.000	83.713	0.000	0.000	XOM_R2OWSG MWD+IFR1+MS
22200.000	90.000	179.905	12075.000	84.473	0.000	83.530	-0.000	84.473	0.000	0.000	XOM_R2OWSG MWD+IFR1+MS
22300.000	90.000	179.905	12075.000	85.233	0.000	84.187	-0.000	85.233	0.000	0.000	XOM_R2OWSG MWD+IFR1+MS
22400.000	90.000	179.905	12075.000	85.994	0.000	84.845	-0.000	85.994	0.000	0.000	XOM_R2OWSG MWD+IFR1+MS
22500.000	90.000	179.905	12075.000	86.755	0.000	85.505	-0.000	86.755	0.000	0.000	XOM_R2OWSG MWD+IFR1+MS
22600.000	90.000	179.905	12075.000	87.516	0.000	86.167	-0.000	87.516	0.000	0.000	XOM_R2OWSG MWD+IFR1+MS
22700.000	90.000	179.905	12075.000	88.278	0.000	86.831	-0.000	88.278	0.000	0.000	XOM_R2OWSG MWD+IFR1+MS
22800.000	90.000	179.905	12075.000	89.040	0.000	87.496	-0.000	89.040	0.000	0.000	XOM_R2OWSG MWD+IFR1+MS
22900.000	90.000	179.905	12075.000	89.803	0.000	88.163	-0.000	89.803	0.000	0.000	XOM_R2OWSG MWD+IFR1+MS
23000.000	90.000	179.905	12075.000	90.566	0.000	88.832	-0.000	90.566	0.000	0.000	XOM_R2OWSG MWD+IFR1+MS
23100.000	90.000	179.905	12075.000	91.329	0.000	89.502	-0.000	91.329	0.000	0.000	XOM_R2OWSG MWD+IFR1+MS
23200.000	90.000	179.905	12075.000	92.093	0.000	90.173	-0.000	92.093	0.000	0.000	XOM_R2OWSG MWD+IFR1+MS
23300.000	90.000	179.905	12075.000	92.857	0.000	90.846	-0.000	92.857	0.000	0.000	XOM_R2OWSG MWD+IFR1+MS
23400.000	90.000	179.905	12075.000	93.622	0.000	91.521	-0.000	93.622	0.000	0.000	XOM_R2OWSG MWD+IFR1+MS

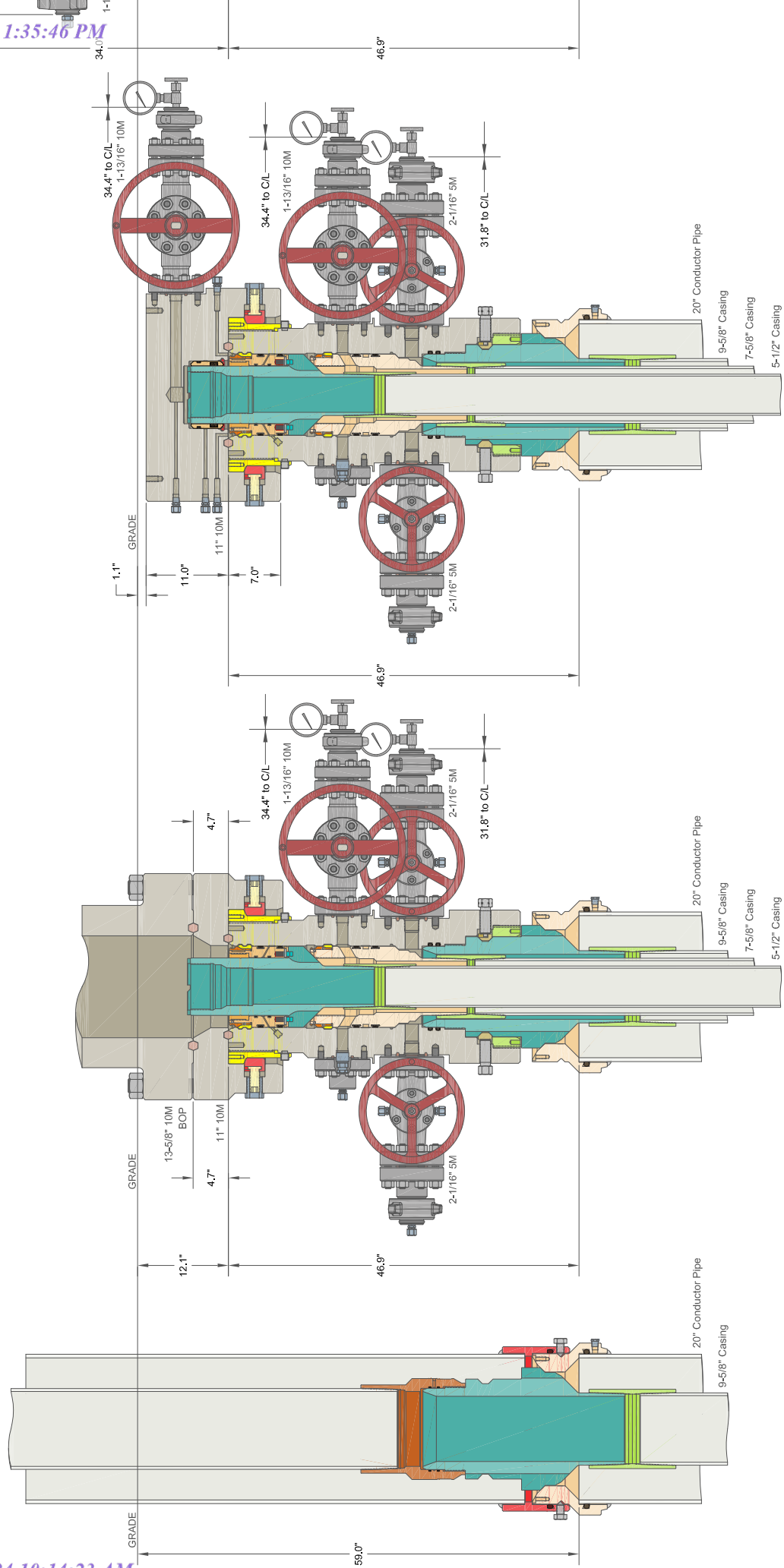
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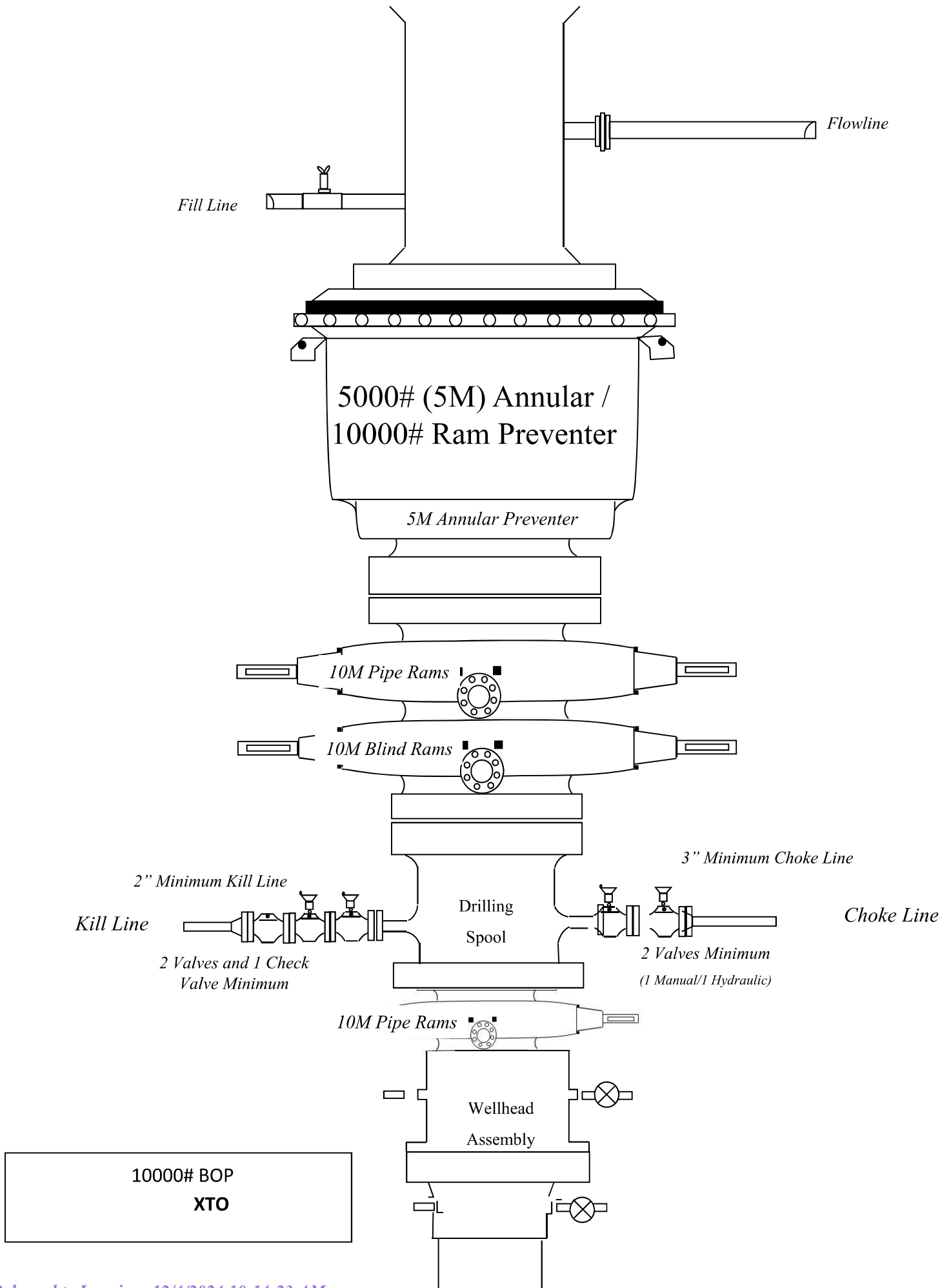
Well Plan Report													
23500.000	90.000	179.905	12075.000	94.387	0.000	92.197	-0.000	94.387	0.000	92.203	46.733	-0.855	XOM_R2OWSG MWD+IFR1+MS
23600.000	90.000	179.905	12075.000	95.152	0.000	92.874	-0.000	95.152	0.000	92.880	46.804	-0.848	XOM_R2OWSG MWD+IFR1+MS
23700.000	90.000	179.905	12075.000	95.917	0.000	93.553	-0.000	95.917	0.000	93.559	46.876	-0.841	XOM_R2OWSG MWD+IFR1+MS
23800.000	90.000	179.905	12075.000	96.683	0.000	94.233	-0.000	96.683	0.000	94.238	46.948	-0.834	XOM_R2OWSG MWD+IFR1+MS
23900.000	90.000	179.905	12075.000	97.449	0.000	94.914	-0.000	97.449	0.000	94.920	47.021	-0.827	XOM_R2OWSG MWD+IFR1+MS
24000.000	90.000	179.905	12075.000	98.215	0.000	95.596	-0.000	98.215	0.000	95.602	47.094	-0.821	XOM_R2OWSG MWD+IFR1+MS
24100.000	90.000	179.905	12075.000	98.982	0.000	96.280	-0.000	98.982	0.000	96.286	47.168	-0.814	XOM_R2OWSG MWD+IFR1+MS
24200.000	90.000	179.905	12075.000	99.749	0.000	96.965	-0.000	99.749	0.000	96.970	47.242	-0.808	XOM_R2OWSG MWD+IFR1+MS
24300.000	90.000	179.905	12075.000	100.516	0.000	97.651	-0.000	100.516	0.000	97.657	47.317	-0.802	XOM_R2OWSG MWD+IFR1+MS
24400.000	90.000	179.905	12075.000	101.283	0.000	98.338	-0.000	101.283	0.000	98.344	47.393	-0.796	XOM_R2OWSG MWD+IFR1+MS
24500.000	90.000	179.905	12075.000	102.051	0.000	99.026	-0.000	102.051	0.000	99.032	47.469	-0.790	XOM_R2OWSG MWD+IFR1+MS
24600.000	90.000	179.905	12075.000	102.819	0.000	99.716	-0.000	102.819	0.000	99.721	47.545	-0.784	XOM_R2OWSG MWD+IFR1+MS
24700.000	90.000	179.905	12075.000	103.587	0.000	100.406	-0.000	103.587	0.000	100.412	47.622	-0.778	XOM_R2OWSG MWD+IFR1+MS
24800.000	90.000	179.905	12075.000	104.356	0.000	101.098	-0.000	104.356	0.000	101.104	47.699	-0.772	XOM_R2OWSG MWD+IFR1+MS
24900.000	90.000	179.905	12075.000	105.124	0.000	101.791	-0.000	105.124	0.000	101.796	47.777	-0.767	XOM_R2OWSG MWD+IFR1+MS
25000.000	90.000	179.905	12075.000	105.893	0.000	102.484	-0.000	105.893	0.000	102.490	47.856	-0.761	XOM_R2OWSG MWD+IFR1+MS
25100.000	90.000	179.905	12075.000	106.662	0.000	103.179	-0.000	106.662	0.000	103.185	47.935	-0.756	XOM_R2OWSG MWD+IFR1+MS
25200.000	90.000	179.905	12075.000	107.432	0.000	103.875	-0.000	107.432	0.000	103.880	48.014	-0.750	XOM_R2OWSG MWD+IFR1+MS
25300.000	90.000	179.905	12075.000	108.201	0.000	104.571	-0.000	108.201	0.000	104.577	48.094	-0.745	XOM_R2OWSG MWD+IFR1+MS
25400.000	90.000	179.905	12075.000	108.971	0.000	105.269	-0.000	108.971	0.000	105.274	48.174	-0.740	XOM_R2OWSG MWD+IFR1+MS

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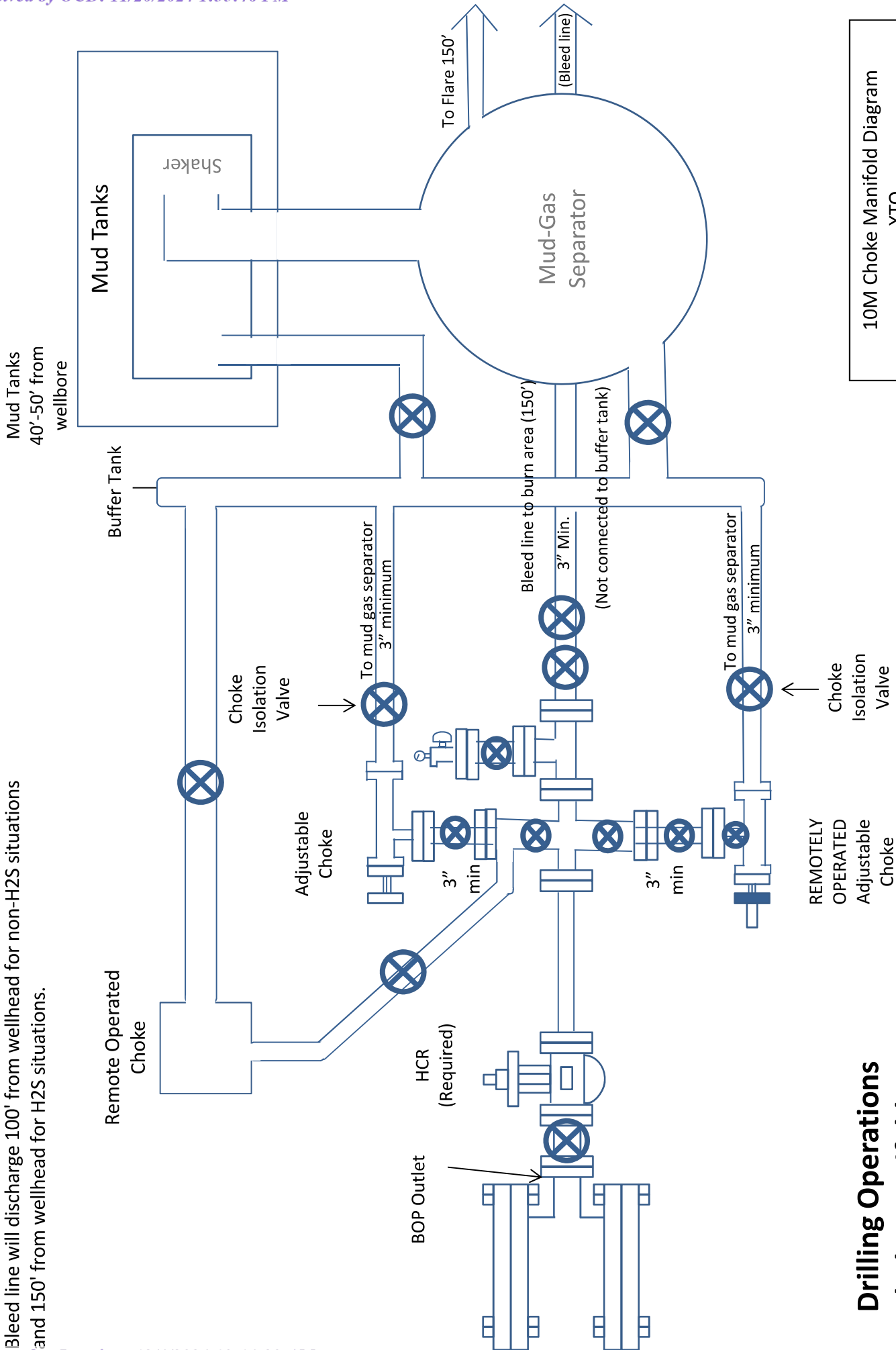
Well Plan Report													
25500.000	90.000	179.905	12075.000	109.741	0.000	105.968	-0.000	109.741	0.000	105.973	48.255	-0.735	XOM_R2OWSG MWD+IFR1+MS
25600.000	90.000	179.905	12075.000	110.512	0.000	106.667	-0.000	110.512	0.000	106.672	48.337	-0.730	XOM_R2OWSG MWD+IFR1+MS
25700.000	90.000	179.905	12075.000	111.282	0.000	107.367	-0.000	111.282	0.000	107.372	48.418	-0.725	XOM_R2OWSG MWD+IFR1+MS
25800.000	90.000	179.905	12075.000	112.053	0.000	108.068	-0.000	112.053	0.000	108.074	48.501	-0.720	XOM_R2OWSG MWD+IFR1+MS
25900.000	90.000	179.905	12075.000	112.824	0.000	108.770	-0.000	112.824	0.000	108.776	48.584	-0.715	XOM_R2OWSG MWD+IFR1+MS
26000.000	90.000	179.905	12075.000	113.595	0.000	109.473	-0.000	113.595	0.000	109.478	48.667	-0.710	XOM_R2OWSG MWD+IFR1+MS
26100.000	90.000	179.905	12075.000	114.366	0.000	110.177	-0.000	114.366	0.000	110.182	48.751	-0.706	XOM_R2OWSG MWD+IFR1+MS
26200.000	90.000	179.905	12075.000	115.137	0.000	110.881	-0.000	115.137	0.000	110.886	48.835	-0.701	XOM_R2OWSG MWD+IFR1+MS
26300.000	90.000	179.905	12075.000	115.909	0.000	111.587	-0.000	115.909	0.000	111.592	48.920	-0.697	XOM_R2OWSG MWD+IFR1+MS
26400.000	90.000	179.905	12075.000	116.681	0.000	112.293	-0.000	116.681	0.000	112.298	49.005	-0.692	XOM_R2OWSG MWD+IFR1+MS
26500.000	90.000	179.905	12075.000	117.453	0.000	113.000	-0.000	117.453	0.000	113.005	49.091	-0.688	XOM_R2OWSG MWD+IFR1+MS
26528.650	90.000	179.905	12075.000	117.674	0.000	113.202	-0.000	117.674	0.000	113.207	49.115	-0.687	XOM_R2OWSG MWD+IFR1+MS
26600.000	90.000	179.905	12075.000	118.225	0.000	113.707	-0.000	118.225	0.000	113.711	49.177	-0.684	XOM_R2OWSG MWD+IFR1+MS
26628.652	90.000	179.905	12075.000	118.446	0.000	113.909	-0.000	118.446	0.000	113.914	49.201	-0.682	XOM_R2OWSG MWD+IFR1+MS

Plan Targets				PLU 22-3 BS 122H				TVD MSL		Target Shape	
Target Name		Measured Depth		Grid Northing		Grid Easting		(ft)		(ft)	
BHL 122H		26628.65		390617.90		673869.80		8702.00		CIRCLE	
LTP 122H		26528.65		390717.90		673869.50		8702.00		CIRCLE	
FTP 122H		12632.03		404614.50		673846.40		8702.00		CIRCLE	





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



10M Choke Manifold Diagram
XTO

**Drilling Operations
Choke Manifold
10M Service**



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	--

UNCONTROLLED

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.

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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 nipped 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

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

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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]

UNCONTROLLED

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.

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**BLACK GOLD®**

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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. Cismos

TITLE: _____

QUALITY ASSURANCE

DATE: _____

1/25/2024



H3-15/16

1/25/2024 11:48:06 AM

TEST REPORT

CUSTOMER

Company: Nabors Industries Inc.

Production description: 74621/66-1531

Sales order #: 529480

Customer reference: FG1213

TEST OBJECT

Serial number: H3-012524-1

Lot number:

Description: 74621/66-1531

Hose ID: 3" 16C CK

Part number:

TEST INFORMATION

Test procedure: GTS-04-053

Test pressure: 15000.00 psi

Test pressure hold: 3600.00 sec

Work pressure: 10000.00 psi

Work pressure hold: 900.00 sec

Length difference: 0.00 %

Length difference: 0.00 inch

Fitting 1: 3.0 x 4-1/16 10K

Part number:

Description:

Fitting 2: 3.0 x 4-1/16 10K

Part number:

Description:

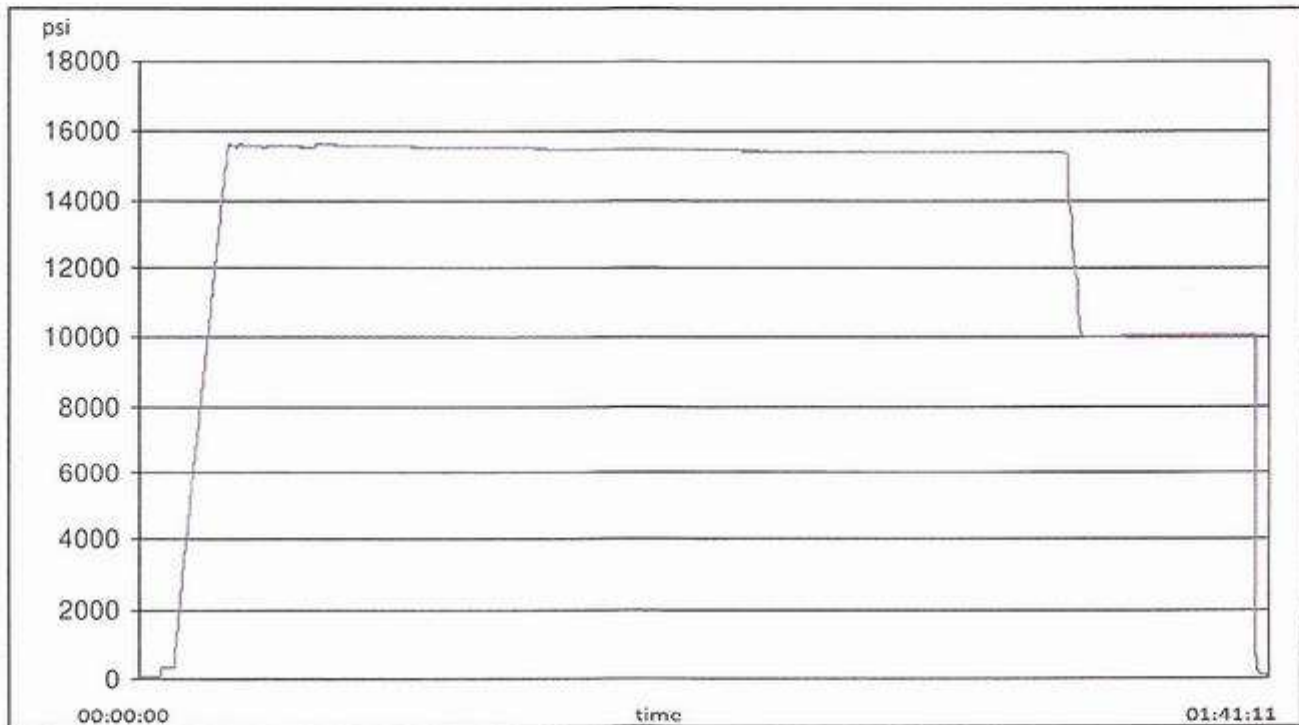
Visual check:

Length: 45 feet

Pressure test result: PASS

Length measurement result:

Test operator: Travis





H3-15/16

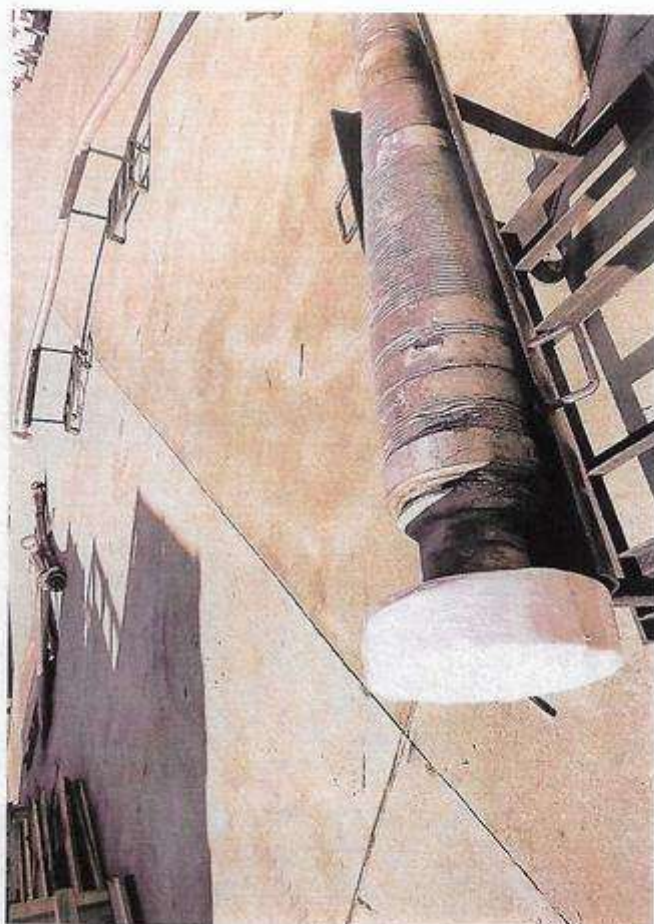
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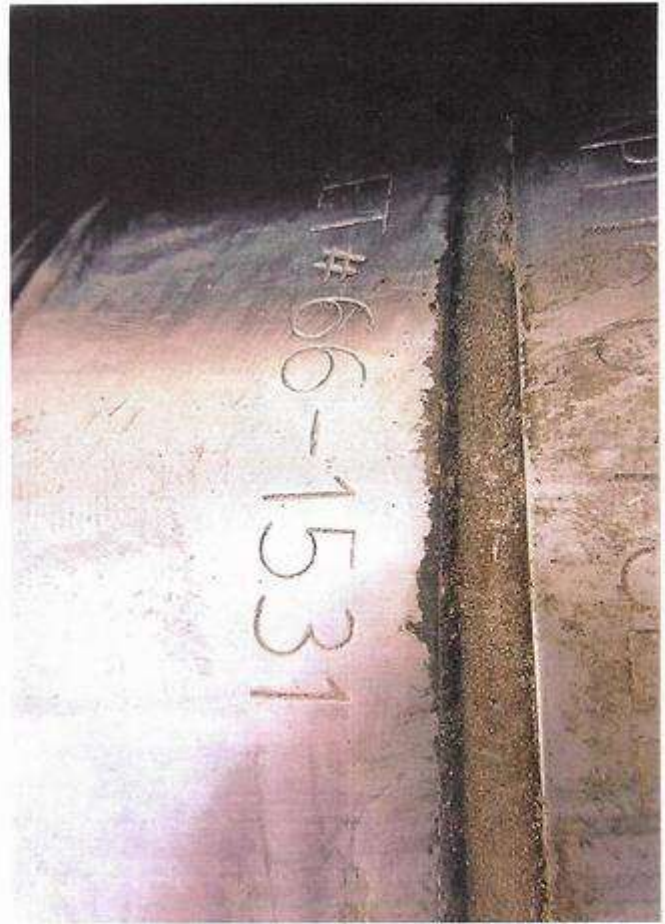
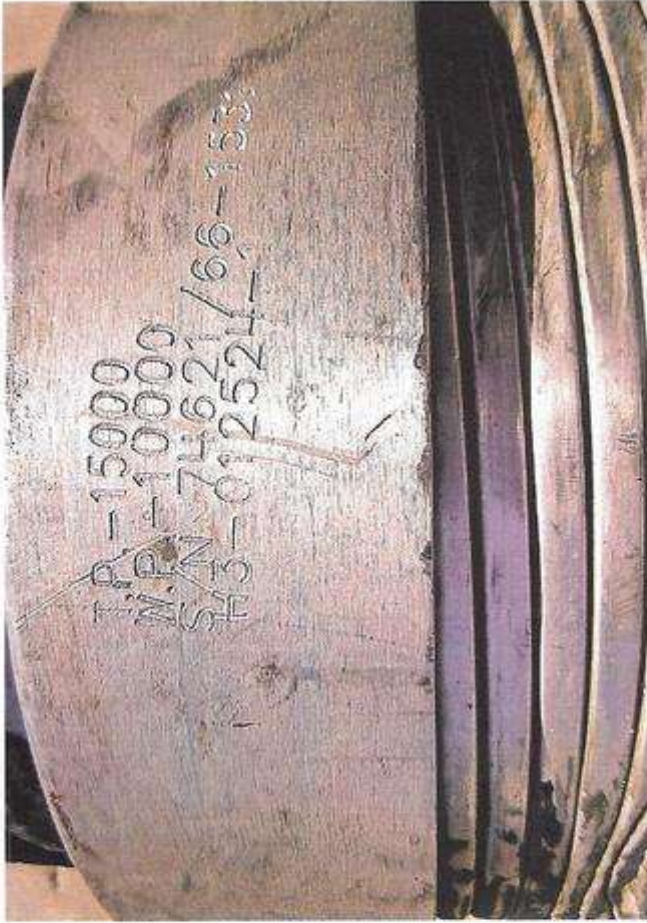
TEST REPORT

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





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

Action 405309

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 405309
	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 intermediate1 strings of casing.	12/4/2024
ward.rikala	If cement is not circulated to surface during cementing operations, a Cement Bond Log (CBL) is required.	12/4/2024
ward.rikala	Any previous COA's not addressed within the updated COA's still apply.	12/4/2024