Receiver Nymper/14/20125 8:31:44 AM

Type of Well: OIL WELL

Allottee or Tribe Name: p_a

Lease Number: NMLC062140A Unit or CA Name: POKER LAKE UNIT Unit or CA Number:

NMNM71016X

US Well Number: Operator: XTO PERMIAN OPERATING

LLC

Notice of Intent

Sundry ID: 2820803

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 11/05/2024 Time Sundry Submitted: 09:02

Date proposed operation will begin: 11/26/2024

Procedure Description: XTO Permian Operating, LLC. respectfully requests approval to make the following changes to the approved APD. Changes to include SHL, KOP, FTP, LTP, BHL, Proposed total Depth, & pool code. There will be no additional surface disturbance. There is a dedicated acreage change. FROM: TO: SHL: 2435' FNL & 690' FWL OF SECTION 28-T25S-R31E 2435' FNL & 690' FWL OF SECTION 29-T25S-R31E KOP: 2435' FNL & 630' FWL OF SECTION 28-T25S-R31E 2036' FNL & 498' FWL OF SECTION 28-T25S-R31E FTP: 2435' FNL & 770' FWL OF SECTION 28-T25S-R31E 2553' FSL & 500' FWL OF SECTION 28-T25S-R31E LTP: 100' FSL & 770' FWL OF SECTION 4-T26S-R31E 100' FSL & 500' FWL OF SECTION 4-T26S-R31E BHL: 50' FSL & 770' FWL OF SECTION 4-T26S-R31E 50' FSL & 500' FWL OF SECTION 4-T26S-R31E The proposed total depth is changing from 24763' MD; 10959' TVD (Bone Spring) to 23733' MD; 10170' TVD (Bone Spring). A saturated salt brine will be utilized while drilling through the salt formations.

NOI Attachments

Procedure Description

PLU_28_BS____109H_Sundry_Attachments_20241209102845.pdf

US Well Number:

Operator: XTO PERMIAN OPERATING

LLC

Conditions of Approval

Additional

Poker_Lake_Unit_28_BS_110H__109H_113H_COA_20250113160614.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: DEC 11, 2024 09:14 AM

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:** 01/13/2025

Signature: Cody R. Layton

Form 3160-5 (June 2019)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 202

` DEF	AKIMENI OF THE IN	LEKIUK		L	Aprics. October 51, 2021	
BUR	EAU OF LAND MANAC	GEMENT		5. Lease Serial No.	NMLC062140A	
SUNDRY N	NOTICES AND REPOR	TS ON WELL	s	6. If Indian, Allottee or Tribe	e Name	
	form for proposals to					
abandoned well. (Use Form 3160-3 (APL)) ior such pr	oposais.	7. If Unit of CA/Agreement,	Nama and/ar No	
	TRIPLICATE - Other instructi	ons on page 2		POKER LAKE UNIT/NMNM71016		
1. Type of Well ✓ Oil Well Gas V	Vell Other			8. Well Name and No. POKER LAKE UNIT 28 BS/109H		
2. Name of Operator XTO PERMIAN	OPERATING LLC			9. API Well No.		
3a. Address 6401 HOLIDAY HILL R		. Phone No. (includ	de area code)	10. Field and Pool or Explor	atory Area	
		32) 683-2277		WC-015 G-06 S243119C/BONE	SPRING	
4. Location of Well (Footage, Sec., T., F SEC 28/T25S/R31E/NMP	R.,M., or Survey Description)			11. Country or Parish, State EDDY/NM		
12. CHE	CK THE APPROPRIATE BOX	(ES) TO INDICAT	E NATURE O	F NOTICE, REPORT OR OT	THER DATA	
TYPE OF SUBMISSION			TYPE	OF ACTION		
Notice of Intent	Acidize	Deepen		Production (Start/Resume) Water Shut-Off	
Notice of intent	Alter Casing	Hydraulic F	racturing [Reclamation	Well Integrity	
Subsequent Report	Casing Repair	New Constr		Recomplete	Other	
	Change Plans	Plug and Al	bandon	Temporarily Abandon		
Final Abandonment Notice 13. Describe Proposed or Completed O	Convert to Injection	Plug Back	L	Water Disposal		
is ready for final inspection.) XTO Permian Operating, LLC. KOP, FTP, LTP, BHL, Propose FROM: TO: SHL: 2435' FNL & 690' FWL C KOP: 2435' FNL & 630' FWL C FTP: 2435' FNL & 770' FWL OF BHL: 50' FSL & 770' FWL OF	respectfully requests approved total Depth, & pool code. The section 28-T25S-R31E DF SECTION 28-T25S-R31E DF SECTION 28-T25S-R31E F SECTION 4-T26S-R31E 50'	val to make the fo There will be no a 2435 FNL & 690 2036 FNL & 498 2553' FSL & 500' 0' FSL & 500' FWL	llowing chang additional surf FWL OF SE FWL OF SE FWL OF SE /L OF SECTION	ges to the approved APD. (ace disturbance. There is a CTION 29-T25S-R31E CTION 28-T25S-R31E CTION 28-T25S-R31E ON 4-T26S-R31E	a dedicated acreage change.	site
Continued on page 3 additiona	l information					
14. I hereby certify that the foregoing is		d/Tvped)				
TERRA SEBASTIAN / Ph: (432) 99		Title	Regulatory A	Advisor		
Signature (Electronic Submission	on)	Date		12/11/	2024	
	THE SPACE F	OR FEDERA	L OR STA	TE OFICE USE		
Approved by				of Franklands and the state of	0.1/10/2025	
CODY LAYTON / Ph: (575) 234-59	959 / Approved		Assista Title	nt Field Manager Lands &	01/13/2025 Date	
Conditions of approval, if any, are attack certify that the applicant holds legal or of which would entitle the applicant to con	equitable title to those rights in t	s not warrant or the subject lease	Office CARI	_SBAD		
Title 19 II S C Section 1001 and Title 4:	3 II S.C. Section 1212 moles it a	crime for any pers	on knowingly	and willfully to make to any	department or agency of the United St	tatas

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

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

Location of Well

0. SHL: SWNW / 2435 FNL / 690 FWL / TWSP: 25S / RANGE: 31E / SECTION: 28 / LAT: 32.101875 / LONG: -103.789503 (TVD: 0 feet, MD: 0 feet) PPP: SWNW / 2435 FNL / 770 FWL / TWSP: 25S / RANGE: 31E / SECTION: 28 / LAT: 32.101875 / LONG: -103.789245 (TVD: 10959 feet, MD: 11306 feet) PPP: NWNW / 0 FNL / 790 FWL / TWSP: 25S / RANGE: 31E / SECTION: 33 / LAT: 32.093982 / LONG: -103.789258 (TVD: 10959 feet, MD: 14300 feet) PPP: NWSW / 2654 FNL / 771 FWL / TWSP: 25S / RANGE: 31E / SECTION: 28 / LAT: 32.101274 / LONG: -103.789246 (TVD: 10959 feet, MD: 11700 feet) BHL: SWSW / 50 FSL / 770 FWL / TWSP: 26S / RANGE: 31E / SECTION: 4 / LAT: 32.064884 / LONG: -103.789306 (TVD: 10959 feet, MD: 24763 feet)

PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME: XTO

LEASE NO.: NMLC062140A

LOCATION: Sec. 28, T.25 S, R 31 E

COUNTY: Eddy County, New Mexico

WELL NAME & NO.: Poker Lake Unit 28 BS 110H

SURFACE HOLE FOOTAGE: 2435'/N & 600'/W **BOTTOM HOLE FOOTAGE:** 2649'/N & 656'/E

WELL NAME & NO.: Poker Lake Unit 28 BS 113H

SURFACE HOLE FOOTAGE: 2435'/N & 660'/W **BOTTOM HOLE FOOTAGE:** 50'/S & 800'/W

WELL NAME & NO.: Poker Lake Unit 28 BS 109H

SURFACE HOLE FOOTAGE: 2435'/N & 630'/W **BOTTOM HOLE FOOTAGE:** 50'/S & 500'/W

COA

H ₂ S	•	No	0	Yes
Potash /	None	Secretary	○ R-111-Q	Open Annulus
WIPP	Choose	e an option (including bla	nk option.)	☐ WIPP
Cave / Karst	C Low	Medium	• High	Critical
Wellhead	Conventional	• Multibowl	O Both	Diverter
Cementing	Primary Squeeze	Cont. Squeeze	EchoMeter	DV Tool
Special Req	Capitan Reef	Water Disposal	COM	Unit
Waste Prev.	C Self-Certification	C Waste Min. Plan	APD Submitted p	prior to 06/10/2024
Additional	Flex Hose	Casing Clearance	Pilot Hole	Break Testing
Language	Four-String	Offline Cementing	Fluid-Filled	

Changes approved through engineering via **Sundry 2820800,2820803,2826587**_ on 1-13-2025_. Any previous COAs not addressed within the updated COAs still apply.

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 947 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.
- 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 6823'- 6849'.
 - 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 <u>High Cave/Karst Areas</u> 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.

GENERAL REQUIREMENTS

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

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

Contact Eddy County Petroleum Engineering Inspection Staff:

Email or call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220; **BLM NM CFO DrillingNotifications@BLM.GOV**; (575) 361-2822.

- 1. Unless the production casing has been run and cemented or the well has been properly plugged, the drilling rig shall not be removed from over the hole without prior approval.
 - a. In the event the operator has proposed to drill multiple wells utilizing a skid/walking rig. Operator shall secure the wellbore on the current well, after installing and testing the wellhead, by installing a blind flange of like pressure rating to the wellhead and a pressure gauge that can be monitored while drilling is performed on the other well(s).
 - b. When the operator proposes to set surface casing with Spudder Rig
 - i. Notify the BLM when moving in and removing the Spudder Rig.
 - ii. Notify the BLM when moving in the 2nd Rig. Rig to be moved in within 90 days of notification that Spudder Rig has left the location.
 - iii. BOP/BOPE test to be conducted per **43 CFR 3172** as soon as 2nd Rig is rigged up on well.
- 2. Floor controls are required for 3M or Greater systems. These controls will be on the rig floor, unobstructed, readily accessible to the driller and will be operational at all times during drilling and/or completion activities. Rig floor is defined as the area immediately around the rotary table; the area immediately above the substructure on which the draw works are located, this does not include the doghouse 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 1/13/2025 575-234-5998 / zstevens@blm.gov

GENERAL REQUIREMENTS

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

- d. Spudding well (minimum of 24 hours)
- e. Setting and/or Cementing of all casing strings (minimum of 4 hours)
- f. BOPE tests (minimum of 4 hours)

Contact Eddy County Petroleum Engineering Inspection Staff:

Email or call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220; **BLM NM CFO DrillingNotifications@BLM.GOV**; (575) 361-2822

- 4. 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.
- 5. 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.
- 6. 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.

E. 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.

F. 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.

G. 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.

H. 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.

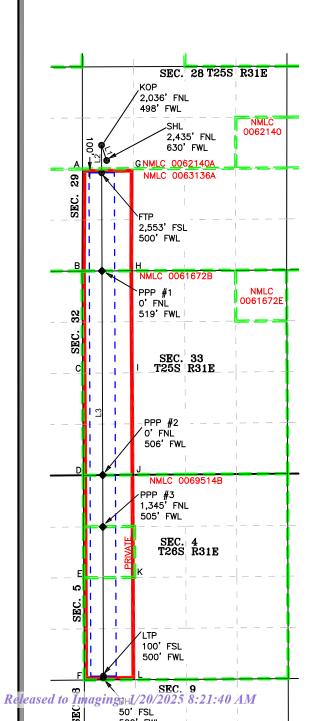
Approved by Zota Stevens on 1/13/2025 575-234-5998 / zstevens@blm.gov

APD	ID: 104000	94672			WELL LO	CATION	INFORMATION					
API No 30-0			Pool Code 97	7860		Pool Nam	Jennings	s, Bone Sp	orings, w	vest		
Proper	ty Code		Property Name	POK	ER LAKE UI	NIT 28 BS					Well N 109H	
ORGII 3730			Operator Name	XTO	PERMIAN C	PERATIN	IG, LLC.				Ground 3,329	l Level Elevation 9'
Surface	e Owner:	State F	ee 🗌 Tribal 📉	Federal			Mineral Owner: X	State X	Fee 🗌 T	Γribal 🛚 Fed	leral	
						Surface	Location					
UL E	Section 28	Townshi	1	Lot	Ft. from N ₂	/S 55' FNL	Ft. from E/W 630' FWL	Latitude 32.10		Longitude -103.78		County EDDY
		-			В	ottom Ho	ole Location					
UL M	Section 4	Townshi 26 S	. -	Lot	Ft. from N/ 50' F		Ft. from E/W 500' FWL	Latitude 32.064		Longitude -103.79	0178	County EDDY
Dedica	ited Acres		efining Well	Definir	ng Well API		Overlapping Spacing No	Unit (Y/N)	Consc	olidation Cod U	e	
Order I	Numbers.						Well setbacks are und	er Common	Ownersh	nip: X Yes	☐ No	
	1						Point (KOP)					
UL E	Section 28	Townshi	. .	Lot	Ft. from N/ 2,036	/S 6' FNL	Ft. from E/W 498' FWL	Latitude 32.10		Longitude -103.78		County EDDY
							Point (FTP)					
UL L	Section 28	Townshi 25 S		Lot	Ft. from N/ 2,553	/S 3' FSL	Ft. from E/W 500' FWL	Latitude 32.10		Longitude -103.79		County EDDY
					L	ast Take	Point (LTP)					
UL M	Section 4	Townshi 26 S		Lot	Ft. from N/ 100' I		Ft. from E/W 500' FWL	Latitude 32.065		Longitude -103.79		County EDDY
Unitize	ed Area or Ar NMN	ea of Unifor M-071016		Spacin	ng Unit Type	X Horizon	tal Vertical	C	Fround Flo	oor Elevation	: 3,329'	
I hereb best of interes: locatio an own agreen If this v the con interes:	my knowledge t or unleased n or has a rig ner of such a n nent or a comp well is a horiz nsent of at leas t in each tract	the informate and belief, mineral inte that to drill the interal or woulsory pool ontal well, I at one lessee (in the targ	cations ion contained her and that this org. rest in the land in is well at this locoorking interest, or ing order heretofic further certify the or owner of a worder to ond or formather or obtained a contained	anization acluding to ation purs r to a volu core entere at this org orking inte ion) in wh	either owns a the proposed be suant to a cont untary pooling ed by the divisi ganization has erest or unleas ich any part o	working ottom hole tract with ion. received sed mineral of the well's	SURVEYOR C I hereby certify tha notes of actual suris true and correct I, TIM C. PAPPAS, NEW 21209, DO HEREBY CHILD HEREBY CHILD HEREBY CHILD HEREBY CHILD HEREBY CHILD HEREBY THE MINIMUM ST MEXICO, AND THAT IS T MY KNOWLEDGE AND BE	the well leveys made to the best MEXICO PRO RTIEY THAT TI E GROUND UI ME OR UNDER E FOR THIS: ANDARDS FOR RUE AND CO	ocation show me or use of my bel. FESSIONAL HIS SURVEY PON WHICH R MY DIRECT SURVEYI, THE	hown on this under my sup ief. Surveyor no. (Plat and thi iff is based to supervision hat this surve the best of	ervision,	C. PAPP WEXICO
divisio			a or obtained a c		0/2024	inc	TIM C. PAPPAS REGISTERED PROFESSIO STATE OF NEW MEXICO	NAL LAND SU NO. 21209	RVEYOR	_ \	PROFESS	DONAL SURVEYS
Signatu	ure		I	Date	_		Signature and Seal of	of Profession	nal Survey			
Ter	ra Sebas	tian										
Printed	l Name						Certificate Number		Date of	Survey		
teri	ra.b.seba	stian@	exxonmobil	!.com			TIM C. PAPPAS	21209	9/2	28/2024		
Email .	Address											

LEGEND

SECTION LINE
PROPOSED WELLBORE
NEW MEXICO MINERAL
LEASE LINE
330' BUFFER
DEDICATED ACREAGE

	LINE TABL	<u>E</u>
LINE	AZIMUTH	LENGTH
L1	341° 33'23"	420.49
L2	179° 47'25"	718.24
L3	179° 47'12"	13,138.79'



	С	OORDIN	IATE TAE	BLE	
SH	L (NAD 83 NN			ΓΡ (NAD 83 NM	E)
Y =	401,223.3	N	Y =	400,904.0	N
X =	709,673.2	Е	X =	709,542.8	Е
LAT. =	32.101876	°N	LAT. =	32.101000	°N
LONG. =	103.789696	°W	LONG. =	103.790122	°W
КО	P (NAD 83 NI	/IE)			
Y =	401,622.2	N			
X =	709,540.1	Е			
LAT. =	32.102974	°N			
	103.790119	°W			
	P (NAD 83 NN	1E)	ВІ	HL (NAD 83 NM	E)
Y =	387,815.3	Ν	Y =	387,765.3	N
X =	709,591.4	Е	X =	709,591.7	Е
LAT. =	32.065020	°N	LAT. =	32.064883	°N
	103.790178	°W	LONG. =	103.790178	°W
SH	L (NAD 27 NN	1E)	F1	ΓP (NAD 27 NM	E)
Y =	401,165.4	N	Y =	400,846.1	N
X =	668,487.5	Е	X =	668,357.1	Е
LAT. =	32.101751	°N	LAT. =	32.100875	°N
LONG. =	103.789218	°W	LONG. =	103.789644	°W
КО	P (NAD 27 NI	ЛЕ)			
Y =	401,564.3	Ν			
X =	668,354.4	Ш			
LAT. =	32.102849	°N			
LONG. =		°W			
LT	P (NAD 27 NN	1E)		HL (NAD 27 NM	E)
Y =	387,757.8	N	Y =	387,707.8	N
X =	668,405.2	Е	X =	668,405.5	Е
LAT. =	32.064895	°N	LAT. =	32.064758	°N
	103.789702	°W	LONG. =		°W
	#1 (NAD 83 N	IME)		P #1 (NAD 27 NI	VIE)
Y =	398,351.1	N	Y =	398,293.3	N
X =	709,552.3	Е	X =	668,366.5	Е
LAT. =	32.093982	°N	LAT. =	32.093857	°N
	103.790133	°W	LONG. =		°W
	#2 (NAD 83 N			P #2 (NAD 27 NI	
Y =	393,042.5	N	Y =	392,984.8	N
X =	709,572.0	Е	X =	668,386.0	Е
LAT. =	32.079389	°N	LAT. =	32.079265	°N
	103.790156	°W	LONG. =	103.789679	°W
	#3 (NAD 83 N			P #3 (NAD 27 NI	
Y =	391,697.8	N	Y =	391,640.2	N
X =	709,577.0	Е	X =	668,391.0	Е
LAT. =	32.075693	°N	LAT. =	32.075568	°N
LONG. =	103.790161	°W	LONG. =	103.789685	°W

CC	RNER COO	<u>RDI</u> I	NATES (I	NAD83 NME)	
A - Y =	401,001.6	Ν	A - X =	709,043.1	Е
B - Y =	398,348.5	Ν	B - X =	709,032.9	Е
C - Y =	395,690.8	N	C - X =	709,049.4	Е
D - Y =	393,038.4	N	D - X =	709,066.3	Е
E-Y=	390,373.0	Ν	E-X=	709,078.3	Е
F-Y=	387,711.6	N	F-X=	709,092.0	Е
G-Y=	401,008.0	Ν	G-X=	710,375.2	Е
H-Y=	398,355.2	N	H - X =	710,366.6	Е
I-Y=	395,701.2	Ν	E-X=	710,382.1	Е
J - Y =	393,049.2	Ν	F - X =	710,397.7	Е
K-Y=	390,383.8	Ν	G - X =	710,408.3	Е
L - Y =	387,721.3	Ν	H - X =	710,419.7	Е
CC	RNER COO	RDII	NATES (I	NAD27 NME)	
A - Y =	400,943.7	Ν	A - X =	667,857.4	Е
B - Y =	398,290.7	Ν	B - X =	667,847.1	Е
C - Y =	395,633.1	Ν	C - X =	667,863.5	Е
D - Y =	392,980.7	Ν	D - X =	667,880.3	Е
E - Y =	390,315.4	Ν	E-X=	667,892.2	Е
F - Y =	387,654.1	Ν	F-X=	667,905.8	Е
G-Y=	400,950.1	N	G - X =	669,189.5	Е
H-Y=	398,297.4	N	H - X =	669,180.8	Е
I-Y=	395,643.5	N	E-X=	669,196.2	Е
J - Y =	392,991.5	N	F - X =	669,211.7	Е
K - Y =	390,326.2	N	G-X=	669,222.2	Е

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

XTO Energy Inc.
POKER LAKE UNIT 28 BS 109H
Projected TD: 23733.23' MD / 10170' TVD
SHL: 2435' FNL & 630' FWL , Section 28, T25S, R31E
BHL: 50' FSL & 500' FWL , Section 4, 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	891'	Water
Top of Salt	1173'	Water
Base of Salt	3972'	Water
Delaware	4173'	Water
Brushy Canyon	6849'	Water/Oil/Gas
Bone Spring	8142'	Water
Avalon	8246'	Water/Oil/Gas
1st Bone Spring	8912'	Water/Oil/Gas
2nd Bone Spring	9396'	Water/Oil/Gas
Target/Land Curve	10170'	Water/Oil/Gas

^{***} Hydrocarbons @ Brushy Canyon

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 @ 991' (182' 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 9269.85' and cemented to surface. A 6.75 inch curve and 6.75 inch lateral hole will be drilled to 23733.23 MD/TD and 5.5 inch production casing will be set at TD and cemented back up in the intermediate shoe (estimated TOC 8969.85 feet).

3. Casing Design

Hole Size	Depth	OD Csg	Weight	Grade	Collar	New/Used	SF Burst	SF Collapse	SF Tension
12.25	0' – 991'	9.625	40	J-55	втс	New	1.72	6.35	15.89
8.75	0' – 4000'	7.625	29.7	RY P-110	Flush Joint	New	3.67	2.86	2.03
8.75	4000' – 9269.85'	7.625	29.7	HC L-80	Flush Joint	New	2.67	2.47	2.59
6.75	0' – 9169,85'	5.5	20	RY P-110	Freedom/Semi- Permium	New	1.05	2.56	2,11
6.75	9169.85' - 23733.23'	5.5	20	RY P-110	Talon/Semi- Flush	New	1.05	2.31	2.11

[·] XTO requests the option to utilize a spudder rig (Atlas Copco RD20 or Equivalent) to set and cement surface casing per this Sundry

^{***} Groundwater depth 40' (per NM State Engineers Office).

Wellhead:

Operator will utilize Multibowl System - See Attached

4. Cement Program

Surface Casing: 9.625, 40 New BTC, J-55 casing to be set at +/- 991'

Lead: 230 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

Intermediate Casing: 7.625, 29.7 New casing to be set at +/- 9269.85'

1st Stage

Optional Lead: 370 sxs Class C (mixed at 10.5 ppg, 2.77 ft3/sx, 15.59 gal/sx water)

TOC: Surface

Tail: 220 sxs Class C (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water)

TOC: Brushy Canyon @ 6849

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: 770 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 (6849') 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 Talon/Semi-Flush, RY P-110 casing to be set at +/- 23733.23'

Lead: 20 sxs NeoCem (mixed at 11.5 ppg, 2.69 ft3/sx, 15.00 gal/sx water) Top of Cement: 8969.85 feet
Tail: 1020 sxs VersaCem (mixed at 13.2 ppg, 1.51 ft3/sx, 8.38 gal/sx water) Top of Cement: 9469.85 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 Annular** and **a 10M Triple Ram** BOP

All BOP testing will be done by an independent service company. Operator will test as per BLM CFR43-3172

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.

A variance is requested to **ONLY** test broken pressure seals on the BOP equipment when moving from wellhead to wellhead which is in compliance with API Standard 53. API standard 53 states, that for pad drilling operation, moving from one wellhead to another within 21 days, pressure testing is required for pressure-containing and pressure-controlling connections when the integrity of a pressure seal is broken. We will request permission to **ONLY** retest broken pressure seals if the following conditions are met: 1. After a full BOP test is conducted on the first well on the pad 2. When skidding to drill an intermediate section that does not penetrate into the Wolfcamp.

6. Proposed Mud Circulation System

INTERVAL	Hole Size	Mud Type	MW	Viscosity	Fluid Loss	Additional
		,	(ppg)	(sec/qt)	(cc)	Comments
0' - 991'	12.25	FW/Native	8.4-8.9	35-40	NC	Fresh water or native water
991' - 9269.85'	8.75	Saturated brine for salt interval / Direct Emulsion	9-9.5	30-32	NC	Fully saturated salt across salado / salt
9269.85' - 23733.23'	6.75	ОВМ	9.1-9.6	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. A saturated salt brine 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 165 to 185 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.

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

Well Plan Report - Poker Lake Unit 28 BS 109H

ort - Pok			Cartographic Reference System:				Ground Level:	North Reference:	
Well Plan Report - Poker Lake Unit 28 BS	23733.23 ft	10170.00 ft	New Mexico East - NAD 27	401165.40 ft	668487.50 ft	3361.00 ft	3329.00 ft	Grid	20000

KKB Y Offset X Offset Rate Rate Rate Rate (ff) (ff) (ff) (Deg/100ff) (Deg/100ff) Target 0.00 0.00 0.00 0.00 0.00 0.00 1100.00 388.19 -2.75 2.00 2.00 2.00 6477.67 388.70 -133.23 2.00 2.00 2.00 6477.67 396.89 -133.03 2.20 2.00 2.00 9453.80 -319.30 -130.40 8.00 9.00 179.12 10170.00 -13407.60 -82.30 0.00 0.00 9.00 179.12	Pol	Poker Lake Unit 28 BS 109H TVD			Build	Turn	Dogleg
(ft) (ft) (ft) (Deg/100ft) (Deg/100ft) (Deg/100ft) 0.00 0.00 0.00 0.00 0.00 0.00 1100.00 0.00 0.00 0.00 0.00 6477.67 388.70 -130.29 0.00 0.00 6477.67 386.89 -133.03 -2.00 0.00 9453.80 396.89 -133.03 0.00 0.00 10170.00 -319.30 -130.40 0.00 0.00 10170.00 -13407.60 -82.13 0.00 0.00 10170.00 -13457.60 -82.12 0.00 0.00 0.00	Azir	Azimuth RKB	Y Offset	X Offset	Rate	Rate	Rate
0.000.000.000.000.001100.000.000.000.000.001322.338.19-2.752.000.002.006477.67388.70-130.290.000.000.006700.00396.89-133.030.000.000.0010170.00-319.30-130.408.000.008.0010170.00-13457.60-82.120.000.000.00	0	(Deg) (ft)	(#)	(#)	(Deg/100ft)	(Deg/100ft)	(Deg/100ft) Target
1100.00 0.00 0.00 0.00 0.00 1322.33 8.19 -2.75 2.00 0.00 2.00 6477.67 388.70 -130.29 0.00 0.00 0.00 6700.00 396.89 -133.03 0.00 0.00 2.00 9453.80 -319.30 -130.40 8.00 0.00 0.00 8.00 10170.00 -13407.60 -82.13 0.00 0.00 0.00 0.00	0	00.00 00.00	00.00	00.00	0.00	00.0	00:00
1322.338.19-2.752.000.002.006477.67388.70-130.290.000.000.006700.00396.89-133.030.000.000.009453.80-319.30-130.408.000.000.0010170.00-13407.60-82.130.000.000.00	00.00		00.00	00.00	0.00	0.00	00.00
6477.67388.70-130.290.000.000.006700.00396.89-133.030.000.009453.80396.89-133.030.000.0010170.00-319.30130.408.000.0010170.00-13477.60-82.120.000.00	341.47		8.19	-2.75	2.00	0.00	2.00
6700.00396.89-133.03-2.000.002.009453.80396.89-133.030.000.000.0010170.00-319.30-130.408.000.008.0010170.00-13407.60-82.130.000.000.00	341.47	6477.67	388.70	-130.29	0.00	0.00	00.00
396.89-133.030.000.000.00-319.30-130.408.000.008.00-13407.60-82.300.000.000.00-13457.60-82.120.000.000.00	00.00	6700.00	396.89	-133.03	-2.00	00.00	2.00
-319.30-130.408.000.008.00-13407.60-82.300.000.000.00-13457.60-82.120.000.000.00	0.00	9453.80	396.89	-133.03	0.00	0.00	0.00
-13407.60-82.300.000.00-13457.60-82.120.000.00	179.79	10170.00	-319.30	-130.40	8.00	00.0	
-13457.60 -82.12 0.00 0.00 0.00	179.79	10170.00	-13407.60	-82.30	00.00	00.00	0.00 LTP 12
	179.79	10170.00	-13457.60	-82.12	0.00	0.00	0.00 BHL 6

Semi- minor	
Semi- minor	
Semi- major	
Magnitude	
Vertical	S109H.HTML
Lateral	/PokerLakeUnit28B\$
Measured TVD Highside	le:///C./Users/arsriva/Landmark/DecisionSpace/WellPlanning/Reports/
	≡

Poker Lake Unit 28 BS 109H

Position Uncertainty

	Azimuth Used	(,)	0.000 XOMR2_OWSG MWD+IFR1+MS	90.000 XOMR2 OWSG MWD+IFR1+MS	90.000 XOMR2_OWSG MWD+IFR1+MS	89.964 XOMR2_OWSG MWD+IFR1+MS	89.807 XOMR2_OWSG MWD+IFR1+MS	89.662 XOMR2 OWSG MWD+IFR1+MS	89.720 XOMR2_OWSG MWD+IFR1+MS	89.818 XOMR2_OWSG MWD+IFR1+MS	89.898 XOMR2_OWSG MWD+IFR1+MS	89.962 XOMR2_OWSG MWD+IFR1+MS									
	Error	(#)	0.000	0.179	0.538	0.896	1.255	1.613	1.972	2.330	2.689	3.047	3.405	3.764	4.121	4.478	4.558	4.833	5.189	5.546	5.903
	Error	(ft)	0.000	0.358	0.717	1.075	1.434	1.792	2.151	2.509	2.868	3.226	3.585	3.943	4.301	4.660	4.742	5.019	5.377	5.734	6.093
n Report	of Bias	(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	0.000	0.000	0.000	0.000
Well Plan Report	Error Bias	(ft) (ft)	0.000 0.000	2.300 0.000	2.309 0.000	2.325 0.000	2.347 0.000	2.374 0.000	2.406 0.000	2.443 0.000	2.485 0.000	2.531 0.000	2.580 0.000	2.634 0.000	2.690 0.000	2.747 0.000	2.758 0.000	2.807 0.000	2.872 0.000	2.940 0.000	3.011 0.000
	Bias	(£)	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	0.000	0.000	0.000	0.000
	Error	(£)	0.000	0.179	0.538	0.896	1.255	1.613	1.972	2.330	2.689	3.047	3.405	3.764	4 140	4.496	4.576	4.852	5.208	5.565	5.922
	Error Bias	(ft) (ft)	0.000 0.000	0.358 0.000	0.717 0.000	1.075 0.000	1.434 0.000	1.792 0.000	2.151 0.000	2.509 0.000	2.868 0.000	3.226 0.000	3.585 0.000	3.943 0.000	4.282 0.000	4.633 0.000	4.711 0.000	4.988 0.000	5.346 0.000	5.705 0.000	6.065 0.000
	RKB	(ft)	0.000	100.000	200.000	300.000	400.000	500.000	000'009	700.000	800.000	900.006	1000.000	1100.000	1199.980	1299.838	1322.335	1399.543	1499.241	1598.939	1698.638
	Azimuth	(0)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	341.470	341.470	341.470	341.470	341.470	341.470	341.470
	Depth Inclination Azimuth	(0)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.000	4.000	4.451	4.451	4.451	4.451	4.451
8 9/19/24, 1:38 PM		(±)	000°0	100.000	000 [.] 000 /20/20	300.000	400.000	200.000	000.009	700.000	800.000	900.000	1000.000	1100.000	1200.000	1300.000	1322.559	1400.000	1500.000	1600.000	1700.000
A	ieus	eu 16	imug	ing. 1.	20/20	us 0.4.	1.70 A	lt#													

4.451 341.470	20	1798.336	6.424 0.000	6.280	0.000	Well Plan Report 3.084 0.000 0.0	Report 0.000	6.452	6.260	90.013 XOMR2_OWSG
341.470 1898.035	1898.035 6.784	6.784 0.000		6.638	0.000		0.000	6.811	6.618	
4.451 341.470 1997.733 7.145 0.000	1997.733 7.145	7.145 0.000		966.9	0.000	3.236 0.000	0.000	7.170	926.9	90.083 XOMR2_OWSG MWD+IFR1+MS
4.451 341.470 2097.431 7.505 0.000	2097.431 7.505	7.505 0.000		7.354	0.000	3.315 0.000	0.000	7.530	7.333	90.106 XOMR2_OWSG MWD+IFR1+MS
4.451 341.470 2197.130 7.866 0.000	2197.130	7.866 0.000		7.712	0.000	3.395 0.000	0.000	7.890	7.692	90.123 XOMR2_OWSG MWD+IFR1+MS
4.451 341.470 2296.828 8.227 0.000	2296.828	8.227 0.000		8.071	0.000	3.477 0.000	0.000	8.250	8.050	90.134 XOMR2_OWSG MWD+IFR1+MS
4.451 341.470 2396.526 8.588 0.000	2396.526	8.588 0.000		8.429	0 000	3.561 0.000	0.000	8.610	8.408	90.140 XOMR2_OWSG MWD+IFR1+MS
4.451 341.470 2496.225 8.949 0.000	2496.225 8.949	8.949 0.000		8.788	0.000	3.647 0.000	0.000	8.970	8.767	90.142 XOMR2 OWSG MWD+IFR1+MS
4.451 341.470 2595.923 9.310 0.000	2595.923	9.310 0.000		9.147	0.000	3.734 0.000	0.000	9.331	9.125	90.140 XOMR2 OWSG MWD+IFR1+MS
4.451 341.470 2695.622 9.671 0.000	2695.622 9.671	9.671 0.000		9.505	0.000	3.822 0.000	0.000	9.691	9.484	90.136 XOMR2_OWSG MWD+IFR1+MS
4.451 341.470 2795.320 10.033 0.000	2795.320	10.033 0.000		9.864	0.000	3.912 0.000	0.000	10.052	9.843	90.128 XOMR2_OWSG MWD+IFR1+MS
4.451 341.470 2895.018 10.395 0.000	2895.018	10.395 0.000		10.223	0.000	4.003 0.000	0.000	10.412	10.202	90.119 XOMR2_OWSG MWD+IFR1+MS
4.451 341.470 2994.717 10.756 0.000	2994.717	10.756 0.000		10.582	0.000	4.096 0.000	0.000	10.773	10.560	90.107 XOMR2_OWSG MWD+IFR1+MS
4.451 341.470 3094.415 11.118 0.000	3094.415 11.118	11.118 0.000		10.942	0.000	4.190 0.000	0.000	11.134	10.919	90.093 XOMR2_OWSG MWD+IFR1+MS
4.451 341.470 3194.114 11.480 0.000	3194.114	11.480 0.000		11.301	0.000	4.285 0.000	0.000	11.495	11.278	90.078 XOMR2_OWSG MWD+IFR1+MS
4.451 341.470 3293.812 11.841 0.000	3293.812	11.841 0.000		11.660	0.000	4.382 0.000	0.000	11.856	11.637	90.062 XOMR2_OWSG MWD+IFR1+MS
4.451 341.470 3393.510 12.203 0.000	3393.510	12.203 0.000		12.019	0.000	4.480 0.000	0.000	12.217	11.997	90.044 XOMR2_OWSG MWD+IFR1+MS
4.451 341.470 3493.209 12.565 0.000	3493.209 12.565	12.565 0.000		12.378	0.000	4.579 0.000	0.000	12.578	12.356	90.026 XOMR2_OWSG MWD+IFR1+MS
4.451 341.470 3592.907 12.927 0.000	3592.907 12.927			12.738	0.000	4.680 0.000	0.000	12.939	12.715	90.006 XOMR2_OWSG MWD+IFR1+MS
4.451 341.470 3692.605 13.289 0.000	3692.605	13.289 0.000		13.097	0.000	4.782 0.000	0.000	13.300	13.074	89.985 XOMR2_OWSG MWD+IFR1+MS

	89.964 XOMR2_OWSG MWD+IFR1+MS	89.942 XOMR2_OWSG MWD+IFR1+MS	89.920 XOMR2_OWSG MWD+IFR1+MS	89.897 XOMR2_OWSG MWD+IFR1+MS	89.873 XOMR2_OWSG MWD+IFR1+MS	89.850 XOMR2_OWSG MWD+IFR1+MS	89.826 XOMR2_OWSG MWD+IFR1+MS	89.801 XOMR2_OWSG MWD+IFR1+MS	89.776 XOMR2_OWSG MWD+IFR1+MS	89.752 XOMR2_OWSG MWD+IFR1+MS	89.726 XOMR2_OWSG MWD+IFR1+MS	89.701 XOMR2_OWSG MWD+IFR1+MS	89.676 XOMR2_OWSG MWD+IFR1+MS	89.650 XOMR2_OWSG MWD+IFR1+MS	89.624 XOMR2_OWSG MWD+IFR1+MS	89.599 XOMR2_OWSG MWD+IFR1+MS	89.573 XOMR2_OWSG MWD+IFR1+MS	89.547 XOMR2_OWSG MWD+IFR1+MS	89.521 XOMR2_OWSG MWD+IFR1+MS	89.494 XOMR2_OWSG MWD+IFR1+MS
	13.433	13.792	14.152	14.511 8	14.870 8	15.230	15.589	15.948	16.308	16.667	17.026	17.386	17.745	18.105	18.464 8	18.824 8	19.183	19.543	19.902	20.262
	13.661	14.023	14.384	14.745	15.106	15.468	15.829	16.191	16.552	16.913	17.275	17.636	17.998	18.359	18.721	19.082	19.444	19.806	20.167	20.529
Report	0.000	0.000	0.000	0.000	0.000	0.000	00000	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
Well Plan Report	4.886 0.000	4.991 0.000	5.098 0.000	5.206 0.000	5.316 0.000	5.428 0.000	5.541 0.000	5.655 0.000	5.772 0.000	5.890 0.000	6.010 0.000	6.131 0.000	6.255 0.000	6.380 0.000	6.507 0.000	6.637 0.000	6.768 0.000	6.901 0.000	7.036 0.000	7.173 0.000
	13.456 0.000	13.816 0.000	14.175 0.000	14.535 0.000	14.894 0.000	15.253 0.000	15.613 0.000	15.972 0.000	16.332 0.000	16.691 0.000	17.051 0.000	17.411 0.000	17.770 0.000	18.130 0.000	18.489 0.000	18.849 0.000	19.209 0.000	19.568 0.000	19.928 0.000	20.287 0.000
	13.651 0.000	14.013 0.000	14.375 0.000	14.738 0.000	15.100 0.000	15.462 0.000	15.824 0.000	16.186 0.000	16.549 0.000	16.911 0.000	17.273 0.000	17.635 0.000	17.998 0.000	18.360 0.000	18.722 0.000	19.085 0.000	19.447 0.000	19.810 0.000	20.172 0.000	20.534 0.000
	3792.304	3892.002	3991.701	4091.399	4191.097	4290.796	4390.494	4490.193	4589.891	4689.589	4789.288	4888.986	4988.684	5088.383	5188.081	5287.780	5387.478	5487.176	5586.875	5686.573
	341,470	341,470	341.470	341.470	341.470	341.470	341.470	341.470	341.470	341.470	341.470	341.470	341.470	341.470	341.470	341.470	341.470	341.470	341.470	341.470
	4.451	4.451	4.451	4.451	4.451	4.451	4.451	4.451	4.451	4.451	4.451	4.451	4.451	4.451	4.451	4.451	4.451	4.451	4.451	4.451
9/19/24, 1:38 PM	3800.000	3900.000	4000.000	4100.000	4200.000	4300.000	4400.000	4500.000	4600.000	4700.000	4800.000	4900.000	5000.000	5100.000	5200.000	5300.000	5400.000	5500.000	5600.000	5700.000
	leased	to Im	aging:	1/20/2	025 8:	21:40 .	AM													

	89.468 XOMR2_OWSG MWD+IFR1+MS	89.442 XOMR2_OWSG MWD+IFR1+MS	89.416 XOMR2_OWSG MWD+IFR1+MS	89.389 XOMR2 OWSG MWD+IFR1+MS	89.363 XOMR2_OWSG MWD+IFR1+MS	89.336 XOMR2_OWSG MWD+IFR1+MS	89.310 XOMR2_OWSG MWD+IFR1+MS	89.285 XOMR2_OWSG MWD+IFR1+MS	89.284 XOMR2_OWSG MWD+IFR1+MS	89.273 XOMR2_OWSG MWD+IFR1+MS	89.274 XOMR2_OWSG MWD+IFR1+MS	89.282 XOMR2_OWSG MWD+IFR1+MS	89.349 XOMR2_OWSG MWD+IFR1+MS	89.427 XOMR2_OWSG MWD+IFR1+MS	89.503 XOMR2 OWSG MWD+IFR1+MS	89.577 XOMR2_OWSG MWD+IFR1+MS	89.649 XOMR2_OWSG MWD+IFR1+MS	89.719 XOMR2_OWSG MWD+IFR1+MS	89.788 XOMR2_OWSG MWD+IFR1+MS	89.854 XOMR2_OWSG MWD+IFR1+MS
	20.621	20.981	21.340	21.700	22.059	22.419	22.778	23.115	23.138	23.497	23.853	23.910	24.208	24.563	24.918	25.273	25.628	25.984	26.339	26.695
	20.890	21.252	21.614	21.975	22.337	22.699	23.060	23.398	23.422	23.782	24.139	24.196	24.494	24.848	25.203	25.558	25.913	26.268	26.623	26.979
Report	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	0.000	0.000	0.000	0.000	0.000
Well Plan Report	7.312 0.000	7.454 0.000	7.597 0.000	7.743 0.000	7.891 0.000	8.042 0.000	8.194 0.000	8.339 0.000	8.349 0.000	8.506 0.000	8.663 0.000	8.689 0.000	8.821 0.000	8.981 0.000	9.144 0.000	9.309 0.000	9.477 0.000	9.648 0.000	9.821 0.000	000.0 766.6
	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	0.000	0.000	0.000	0.000	0.000
	20.647	21.007	21.366	21.726	22.086	22.445	22.805	23.141	23.165	23.523	23.880	23.910	24.208	24.563	24.918	25.273	25.629	25.984	26.339	26.695
	20.897 0.000	21.259 0.000	21.622 0.000	21.984 0.000	22.347 0.000	22.709 0.000	23.071 0.000	23.410 0.000	23.435 0.000	23.792 0.000	24.120 0.000	24.196 0.000	24.494 0.000	24.848 0.000	25.203 0.000	25.558 0.000	25.913 0.000	26.268 0.000	26.623 0.000	26.979 0.000
	5786.272	5885.970	5985.668	6085.367	6185.065	6284.763	6384.462	6477.665	6484.161	6583.988	6683.956	6700.000	6783.956	6883.956	6983.956	7083.956	7183.956	7283.956	7383.956	7483.956
	341.470	341 470	341.470	341.470	341.470	341.470	341 470	341.470	341.470	341.470	341.470	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	4.451	4.451	4.451	4.451	4.451	4.451	4.451	4.451	4.321	2.321	0.321	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
9/19/24, 1:38 PM	5800.000	5900.000	000.0009	6100.000	6200.000	6300.000	6400.000	6493.485	6500.000	000.0099	6700.000	6716.044	6800.000	000.0069	7000.000	7100.000	7200.000	7300.000	7400.000	7500.000
	leased	to Im	aging:	1/20/2	025 8:	21:40 .	AM													

3/19/24, 1:38 PM							Well Plan Report	Report ה				
7600.000	0.000	0.000	7583.956	27.334 0.000	27.050	000.0	10.176 0.000	0.000	27.334	27.050	89.919	XOMR2_OWSG MWD+IFR1+MS
7700.000	0.000	0.000	7683.956	27.689 0.000	27.406	0.000	10.357 0.000	0.000	27.689	27.406	89.983	XOMR2_OWSG MWD+IFR1+MS
7800.000	0.000	0.000	7783.956	28.045 0.000	27.762	0.000	10.541 0.000	0.000	28.045	27.762	90.045	XOMR2_OWSG MWD+IFR1+MS
7900.000	0.000	0.000	7883.956	28.400 0.000	28.117	0.000	10.728 0.000	0.000	28.400	28.117	90.105	XOMR2_OWSG MWD+IFR1+MS
8000.000	0.000	0.000	7983.956	28.756 0.000	28.473	0.000	10.917 0.000	0.000	28.756	28.473	90.164	XOMR2_OWSG MWD+IFR1+MS
8100.000	0.000	0.000	8083.956	29.112 0.000	28.829	0.000	11.109 0.000	0.000	29.112	28.829	90.222	XOMR2_OWSG MWD+IFR1+MS
8200.000	0.000	0.000	8183.956	29.468 0.000	29.185	0.000	11.304 0.000	0.000	29.468	29.185	90.279	XOMR2_OWSG MWD+IFR1+MS
8300.000	0.000	0.000	8283.956	29.823 0.000	29.541	0.000	11.502 0.000	0.000	29.823	29.541	90.334	XOMR2_OWSG MWD+IFR1+MS
8400.000	0.000	0.000	8383.956	30.179 0.000	29.897	0.000	11.703 0.000	0.000	30.179	29.897	90.387	XOMR2_OWSG MWD+IFR1+MS
8500.000	0.000	0.000	8483.956	30.535 0.000	30.253	0.000	11.906 0.000	0.000	30.535	30.253	90.440	XOMR2_OWSG MWD+IFR1+MS
8600.000	0.000	0.000	8583.956	30.891 0.000	30.610	0.000	12.113 0.000	0.000	30.891	30.610	90.492	XOMR2_OWSG MWD+IFR1+MS
8700.000	0.000	0.000	8683.956	31.247 0.000	30.966	0.000	12.322 0.000	0.000	31.247	30.966	90.542	XOMR2_OWSG MWD+IFR1+MS
8800.000	0.000	0.000	8783.956	31.604 0.000	31.322	0.000	12.534 0.000	0.000	31.604	31.322	90.591	XOMR2_OWSG MWD+IFR1+MS
8900.000	0.000	0.000	8883.956	31.960 0.000	31.679	0.000	12.749 0.000	0.000	31.960	31.679	90.640	XOMR2_OWSG MWD+IFR1+MS
9000.000	0.000	0.000	8983.956	32.316 0.000	32.035	0.000	12.967 0.000	0.000	32.316	32.035	90.687	XOMR2_OWSG MWD+IFR1+MS
9100.000	0.000	0.000	9083.956	32.672 0.000	32.391	0.000	13.187 0.000	0.000	32.672	32.391	90.733	XOMR2_OWSG MWD+IFR1+MS
9200.000	0.000	0.000	9183.956	33.029 0.000	32.748	0.000	13.411 0.000	0.000	33.029	32.748	90.778	XOMR2_OWSG MWD+IFR1+MS
9300.000	0.000	0.000	9283.956	33.385 0.000	33.104	0.000	13.638 0.000	0.000	33.385	33.104	90.823	XOMR2_OWSG MWD+IFR1+MS
9400.000	0.000	0.000	9383.956	33.741 0.000	33.461	0.000	13.867 0.000	0.000	33.741	33.461	90.866	XOMR2_OWSG MWD+IFR1+MS
9469.847	0.000	0.000	9453.803	33.990 0.000	33.710	0.000	14.029 0.000	0.000	33.990	33.710	90.896	XOMR2_OWSG MWD+IFR1+MS

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9600.000 10.412	179.789	9583.241	34.015 0.000 33.712 0.000 32.858 0.000	33.812 -0.000 34.125 -0.000 34.422 -0.000	14.326 0.000 14.538 0.000	0.000	34.401	34.125	90.912 AVWINE_CWSG 91.040 XOMR2_OWSG 91.296 XOMR2_OWSG 91.296 MWD+IFR1+MS
9800.000 26.412	179.789	9772.387	31.481 0.000	34.955 -0.000	14.734 0.000	0.000	34.949	34.699	91.689 XOMR2_OWSG 92.249 XOMR2_OWSG 92.249 MWD+IFR1+MS
10000.000 42.412 10100.000 50.412 10200.000 58.412 10300.000 66.412		179.789 9936.849 179.789 10005.740 179.789 10063.888 179.789 10110.161	27.391 0.000 24.867 0.000 22.220 0.000 19.675 0.000	35.391 -0.000 35.370 -0.000 35.722 -0.000	15.226 0.000 15.226 0.000 15.376 0.000	0.000 0.000 0.0000	35.360 35.507 35.617 35.723	35.185 35.390 35.568 35.689	93.087 XOMR2_OWSG 93.087 XOMR2_OWSG 94.620 XOMR2_OWSG 99.907 XOMR2_OWSG 99.907 XOMR2_OWSG -9.773 XOMR2_OWSG
10400.000 74.412 10500.000 82.412 10594.847 90.000		179.789 10143.658 179.789 10163.729 179.789 10170.000	17.555 0.000 16.257 0.000 16.104 0.000	35.846 -0.000 35.943 -0.000 36.007 -0.000	15.706 0.000 15.899 0.000 16.104 0.000	0.000	35.846 35.943 36.008	35.734 35.755 35.763	-0.722 XOMR2_OWSG -0.722 MWD+IFR1+MS 1.423 XOMR2_OWSG 2.839 XOMR2_OWSG 2.839 MWD+IFR1+MS
		179.789 10170.000 179.789 10170.000 179.789 10170.000	0 0 0			0.000	36.011	35.764	
11000.000 90.000 11100.000 90.000 11200.000 90.000		179.789 10170.000 179.789 10170.000 179.789 10170.000 179.789 10170.000	16.354 0.000 17.296 0.000 17.665 0.000 18.062 0.000	36.248 -0.000 36.359 -0.000 36.485 -0.000 36.628 -0.000	16.354 0.000 17.296 0.000 17.665 0.000 18.062 0.000	000000000000000000000000000000000000000	36.251 36.363 36.490 36.633	35.782 35.788 35.788 35.796	4.621 XOMR2_OWSG 4.621 MWD+IFR1+MS A.503 XOMR2_OWSG 4.335 MWD+IFR1+MS A.335 MWD+IFR1+MS A.345 XOMR2_OWSG

	1.709 XOMR2 OWSG MWD+IFR1+MS	1.655 XOMR2_OWSG MWD+IFR1+MS	1.604 XOMR2_OWSG MWD+IFR1+MS	1.556 XOMR2 OWSG MWD+IFR1+MS	1.511 XOMR2 OWSG MWD+IFR1+MS	1.467 XOMR2 OWSG MWD+IFR1+MS	1.426 XOMR2_OWSG MWD+IFR1+MS	1.386 XOMR2 OWSG MWD+IFR1+MS	1.349 XOMR2 OWSG MWD+IFR1+MS	1.313 XOMR2 OWSG MWD+IFR1+MS	1.279 XOMR2 OWSG MWD+IFR1+MS	1.246 XOMR2_OWSG MWD+IFR1+MS	1.214 XOMR2 OWSG MWD+IFR1+MS	1.184 XOMR2_OWSG MWD+IFR1+MS	1.155 XOMR2 OWSG MWD+IFR1+MS	1.128 XOMR2 OWSG MWD+IFR1+MS	1.101 XOMR2 OWSG MWD+IFR1+MS	1.075 XOMR2 OWSG MWD+IFR1+MS	1.051 XOMR2_OWSG MWD+IFR1+MS	1.027 XOMR2_OWSG MWD+IFR1+MS
	36.123	36.146	36.169	36.192	36.217	36.242	36.267	36.293	36.320	36.347	36.375	36.404	36.433	36.463	36.494	36.525	36.556	36.589	36.622	36.655
	43.208	43.638	44.077	44.524	44.980	45.444	45.917	46.397	46.885	47.380	47.882	48.391	48.906	49.428	49.957	50.491	51.031	51.577	52.129	52.686
Report	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	0.000	0.000	0.000	0.000	0.000
Well Plan Report	30.813 0.000	31.495 0.000	32.181 0.000	32.873 0.000	33.568 0.000	34.267 0.000	34.969 0.000	35.676 0.000	36.385 0.000	37.097 0.000	37.813 0.000	38.531 0.000	39.251 0.000	39.974 0.000	40.699 0.000	41.427 0.000	42.156 0.000	42.887 0.000	43.621 0.000	44.356 0.000
	43.201 -0.000	43.631 -0.000	44.069 -0.000	44.517 -0.000	44.973 -0.000	45.437 -0.000	45.910 -0.000	46.390 -0.000	46.878 -0.000	47.373 -0.000	47.875 -0.000	48.384 -0.000	48.900 -0.000	49.422 -0.000	49.950 -0.000	50.485 -0.000	51.025 -0.000	51.571 -0.000	52.122 -0.000	52.679 -0.000
	30.813 0.000	31.495 0.000	32.181 0.000	32.873 0.000	33.568 0.000	34.267 0.000	34.969 0.000	35.676 0.000	36.385 0.000	37.097 0.000	37.813 0.000	38.531 0.000	39.251 0.000	39.974 0.000	40.699 0.000	41.427 0.000	42.156 0.000	42.887 0.000	43.621 0.000	44.356 0.000
	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000
	90 000 17	90.000 17	90.000 17	90.000 17	90.000 17	90.000 17	90.000 17	90.000 17	90.000 17	90.000 17	90.000 17	90.000 17	90.000 17	90.000 17	90.000 17	90.000 17	90.000 17	90.000 17	90.000 17	90.000 17
9/19/24, 1:38 PM	13400.000	13500.000	13600.000	13700.000	13800.000	13900.000	14000.000	14100.000	14200.000	14300.000	14400.000	14500.000	14600.000	14700.000	14800.000	14900.000	15000.000	15100.000	15200.000	15300.000
	leased	to Im	aging:	1/20/2	025 8:	21:40	AM													

	1.004 XOMR2_OWSG MWD+IFR1+MS	0.982 XOMR2_OWSG MWD+IFR1+MS	0.961 XOMR2_OWSG MWD+IFR1+MS	0.940 XOMR2_OWSG MWD+IFR1+MS	0.920 XOMR2_OWSG MWD+IFR1+MS	0.901 XOMR2_OWSG MWD+IFR1+MS	0.883 XOMR2_OWSG MWD+IFR1+MS	0.865 XOMR2_OWSG MWD+IFR1+MS	0.847 XOMR2_OWSG MWD+IFR1+MS	0.831 XOMR2_OWSG MWD+IFR1+MS	0.814 XOMR2_OWSG MWD+IFR1+MS	0.798 XOMR2_OWSG MWD+IFR1+MS	0.783 XOMR2_OWSG MWD+IFR1+MS	0.768 XOMR2_OWSG MWD+IFR1+MS	0.754 XOMR2_OWSG MWD+IFR1+MS	0.740 XOMR2_OWSG MWD+IFR1+MS	0.726 XOMR2_OWSG MWD+IFR1+MS	0.713 XOMR2_OWSG MWD+IFR1+MS	0.700 XOMR2_OWSG MWD+IFR1+MS	0.688 XOMR2_OWSG MWD+IFR1+MS
	36.689	36.724	36.759	36.795	36.832	36.869	36.907	36.945	36.984	37.024	37.064	37.104	37.146	37.187	37.230	37.273	37.316	37.361	37.405	37.451
	53.248	53.814	54.386	54.963	55.544	56.129	56.719	57.313	57.911	58.512	59.118	59.727	60.340	926.09	61.575	62.198	62.824	63.452	64.084	64.719
Report	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	0.000	0.000	0.000	0.000	0.000
Well Plan Report	45.092 0.000	45.831 0.000	46.571 0.000	47.312 0.000	48.054 0.000	48.798 0.000	49.544 0.000	50.290 0.000	51.038 0.000	51.786 0.000	52.536 0.000	53.287 0.000	54.039 0.000	54.791 0.000	55.545 0.000	56.299 0.000	57.054 0.000	57.810 0.000	58.567 0.000	59.325 0.000
	53.241 -0.000	53.808 -0.000	54.380 -0.000	54.957 -0.000	55.538 -0.000	56.123 -0.000	56.713 -0.000	57.307 -0.000	57.905 -0.000	58.506 -0.000	59.112 -0.000	59.721 -0.000	60.334 -0.000	000:0-0:000	61.570 -0.000	62.192 -0.000	62.818 -0.000	63.447 -0.000	64.079 -0.000	64.714 -0.000
	45.092 0.000	45.831 0.000	46.571 0.000	47.312 0.000	48.054 0.000	48.798 0.000	49.544 0.000	50.290 0.000	51.038 0.000	51.786 0.000	52.536 0.000	53.287 0.000	54.039 0.000	54.791 0.000	55.545 0.000	56.299 0.000	57.054 0.000	57.810 0.000	58.567 0.000	59.325 0.000
	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000
	90.000 179	90.000 179	90.000 179	90.000 179	90.000 179	90.000 179	90.000 179	90.000 179	90.000 179	90.000 179	90.000 179	90.000 179	90.000 179	90.000 179	90.000 179	90.000 179	90.000 179	90.000 179	90.000 179	90.000 17
9/19/24, 1:38 PM	15400.000	15500.000	15600.000	15700.000	15800.000	15900.000	16000.000	16100.000	16200.000	16300.000	16400.000	16500.000	16600.000	16700.000	16800.000	16900.000	17000.000	17100.000	17200.000	17300.000
	leased	to Im	aging:	1/20/2	025 8:	21:40 .	AM													

	0.675 XOMR2 OWSG MWD+IFR1+MS	0.664 XOMR2_OWSG MWD+IFR1+MS	0.652 XOMR2 OWSG MWD+IFR1+MS	0.641 XOMR2 OWSG MWD+IFR1+MS	0.630 XOMR2 OWSG MWD+IFR1+MS	0.619 XOMR2 OWSG MWD+IFR1+MS	0.609 XOMR2_OWSG MWD+IFR1+MS	0.599 XOMR2 OWSG MWD+IFR1+MS	0.589 XOMR2 OWSG MWD+IFR1+MS	0.579 XOMR2 OWSG MWD+IFR1+MS	0.570 XOMR2_OWSG MWD+IFR1+MS	0.560 XOMR2_OWSG MWD+IFR1+MS	0.551 XOMR2_OWSG MWD+IFR1+MS	0.543 XOMR2_OWSG MWD+IFR1+MS	0.534 XOMR2 OWSG MWD+IFR1+MS	0.526 XOMR2 OWSG MWD+IFR1+MS	0.517 XOMR2_OWSG MWD+IFR1+MS	0.509 XOMR2_OWSG MWD+IFR1+MS	0.502 XOMR2_OWSG MWD+IFR1+MS	0.494 XOMR2_OWSG MWD+IFR1+MS
	37.496	37.543	37.590	37.637	37.686	37.734	37.783	37.833	37.883	37.934	37.986	38.038	38.090	38.143	38.197	38.251	38.306	38.361	38.416	38.473
	65.356	65.997	66.639	67.285	67.933	68.583	69.235	068.69	70.547	71.207	71.868	72.531	73.197	73.864	74.533	75.204	75.877	76.551	77.227	77.905
Report	0.000	00000	0.000	0.000	0.000	0.000	00000	00000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
Well Plan Report	00000 880.000	60.842 0.000	61.601 0.000	62.361 0.000	63.122 0.000	63.883 0.000	64.645 0.000	65.408 0.000	66.171 0.000	66.934 0.000	000.0 869.79	68.462 0.000	69.227 0.000	69.992 0.000	70.758 0.000	71.524 0.000	72.291 0.000	73.058 0.000	73.825 0.000	74.593 0.000
	65.351 -0.000	65.991 -0.000	66.634 -0.000	67.280 -0.000	67.928 -0.000	68.578 -0.000	69.230 -0.000	69.885 -0.000	70.542 -0.000	71.202 -0.000	71.863 -0.000	72.526 -0.000	73.192 -0.000	73.859 -0.000	74.528 -0.000	75.199 -0.000	75.872 -0.000	76.546 -0.000	77.223 -0.000	77.900 -0.000
	60.083 0.000	60.842 0.000	61.601 0.000	62.361 0.000	63.122 0.000	63.883 0.000	64.645 0.000	65.408 0.000	66.171 0.000	66.934 0.000	67.698 0.000	68.462 0.000	69.227 0.000	69.992 0.000	70.758 0.000	71.524 0.000	72.291 0.000	73.058 0.000	73.825 0.000	74.593 0.000
	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000
	90.000 1.	90.000 1	90.000 1	90.000 1	90.000 1	90.000	90.000 1	90.000 1.	90.000 1	90.000 1	90.000 1	90.000	90.000 1	90.000 1	90.000 1	90.000 1	90.000 1	90.000 1	90.000 1	90.000 1
9/19/24, 1:38 PM	17400.000	17500.000	17600.000	17700.000	17800.000	17900.000	18000.000	18100.000	18200.000	18300.000	18400.000	18500.000	18600.000	18700.000	18800.000	18900.000	19000.000	19100.000	19200.000	19300.000
	leased	to Im	aging:	1/20/2	025 8:	21:40	AM													

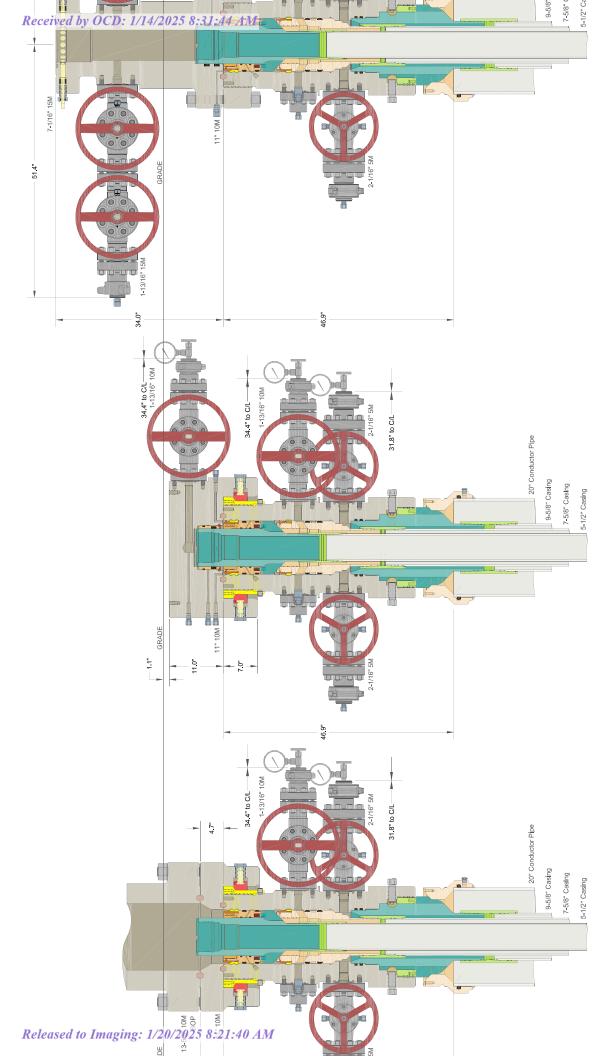
3/19/24, 1:38 PM						Well Plan Report	Report				
19400.000	90.000		179.789 10170.000	75.361 0.000	78.580 -0.000	75.361 0.000	0.000	78.584	38.529	0.486	XOMR2_OWSG MWD+IFR1+MS
19500.000	90.000	179.789	179.789 10170.000	76.129 0.000	79.261 -0.000	76.129 0.000	0.000	79.265	38.587	0.479	XOMR2_OWSG MWD+IFR1+MS
19600.000	90.000		179.789 10170.000	76.898 0.000	79.943 -0.000	76.898 0.000	0.000	79.948	38.645	0.472	XOMR2_OWSG MWD+IFR1+MS
19700.000	90.000		179.789 10170.000	77.667 0.000	80.627 -0.000	77.667 0.000	0.000	80.632	38.703	0.465	XOMR2_OWSG MWD+IFR1+MS
19800.000	90.000		179.789 10170.000	78.436 0.000	81.313 -0.000	78.436 0.000	0.000	81.317	38.762	0.458	XOMR2_OWSG MWD+IFR1+MS
19900.000	90.000		179.789 10170.000	79.206 0.000	81.999 -0.000	79.206 0.000	0.000	82.004	38.821	0.451	XOMR2_OWSG MWD+IFR1+MS
20000.000	90.000	179.789	179.789 10170.000	79.976 0.000	82.688 -0.000	000.0 976.67	0.000	82.692	38.881	0.444	XOMR2_OWSG MWD+IFR1+MS
20100.000	90.000		179.789 10170.000	80.746 0.000	83.377 -0.000	80.746 0.000	0.000	83.381	38.941	0.438	XOMR2_OWSG MWD+IFR1+MS
20200.000	90.000		179.789 10170.000	81.517 0.000	84.068 -0.000	81.517 0.000	0.000	84.072	39.002	0.431	XOMR2_OWSG MWD+IFR1+MS
20300.000	90.000	179.789	90.000 179.789 10170.000	82.287 0.000	84.760 -0.000	82.287 0.000	0.000	84.764	39.063	0.425	XOMR2_OWSG MWD+IFR1+MS
20400.000	90.000		179.789 10170.000	83.058 0.000	85.453 -0.000	83.058 0.000	0.000	85.457	39.125	0.419	XOMR2_OWSG MWD+IFR1+MS
20500.000	90.000		179.789 10170.000	83.830 0.000	86.148 -0.000	83.830 0.000	0.000	86.152	39.188	0.413	XOMR2_OWSG MWD+IFR1+MS
20600.000	90.000	179.789	179.789 10170.000	84.601 0.000	86.843 -0.000	84.601 0.000	0.000	86.847	39.250	0.407	XOMR2_OWSG MWD+IFR1+MS
20700.000	90.000	179.789	179.789 10170.000	85.373 0.000	87.540 -0.000	85.373 0.000	0.000	87.544	39.314	0.401	XOMR2_OWSG MWD+IFR1+MS
20800.000	90.000		179.789 10170.000	86.145 0.000	88.238 -0.000	86.145 0.000	0.000	88.242	39.378	0 396	XOMR2_OWSG MWD+IFR1+MS
20900.000	90.000	179.789	90.000 179.789 10170.000	86.917 0.000	88.937 -0.000	86.917 0.000	0.000	88.941	39.442	0.390	XOMR2_OWSG MWD+IFR1+MS
21000.000	90.000		179.789 10170.000	87.690 0.000	89.637 -0.000	87.690 0.000	0.000	89.641	39.507	0.385	XOMR2_OWSG MWD+IFR1+MS
21100.000	90.000	179.789	179.789 10170.000	88.462 0.000	90.339 -0.000	88.462 0.000	0.000	90.342	39.572	0.379	XOMR2_OWSG MWD+IFR1+MS
21200.000	90.000		179.789 10170.000	89.235 0.000	91.041 -0.000	89.235 0.000	0.000	91.045	39.638	0.374	XOMR2_OWSG MWD+IFR1+MS
21300.000	90.000		179.789 10170.000	90.008 0.000	91.744 -0.000	90.008 0.000	0.000	91.748	39.704	0.369	XOMR2_OWSG MWD+IFR1+MS

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	0.364 XOMR2_OWSG MWD+IFR1+MS	0.359 XOMR2_OWSG MWD+IFR1+MS	0.354 XOMR2 OWSG MWD+IFR1+MS	0.349 XOMR2_OWSG MWD+IFR1+MS	0.344 XOMR2_OWSG MWD+IFR1+MS	0.339 XOMR2 OWSG MWD+IFR1+MS	0.335 XOMR2 OWSG MWD+IFR1+MS	0.330 XOMR2 OWSG MWD+IFR1+MS	0.326 XOMR2 OWSG MWD+IFR1+MS	0.321 XOMR2 OWSG MWD+IFR1+MS	0.317 XOMR2 OWSG MWD+IFR1+MS	0.313 XOMR2 OWSG MWD+IFR1+MS	0.309 XOMR2 OWSG MWD+IFR1+MS	0.305 XOMR2_OWSG MWD+IFR1+MS	0.301 XOMR2 OWSG MWD+IFR1+MS	0.297 XOMR2 OWSG MWD+IFR1+MS	0.293 XOMR2 OWSG MWD+IFR1+MS	0.289 XOMR2_OWSG MWD+IFR1+MS	0.285 XOMR2_OWSG MWD+IFR1+MS	0.281 XOMR2_OWSG MWD+IFR1+MS
	39.771	39.838	39.906	39.974	40.042	40.111	40.181	40.251	40.321	40.392	40.463	40.535	40.608	40.680	40.753	40.827	40.901	40.975	41.050	41.126
	92.452	93.157	93.863	94.570	95.278	95.987	969.96	97.407	98.118	98.830	99.543	100.256	100.970	101.686	102.401	103.118	103.835	104.553	105.271	105.990
Report ר	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	0.000	0.000	0.000	0.000	0.000
Well Plan Report	90.782 0.000	91.555 0.000	92.329 0.000	93.103 0.000	93.877 0.000	94.651 0.000	95.425 0.000	96.200 0.000	96.975 0.000	97.749 0.000	98.524 0.000	99.300 0.000	100.075 0.000	100.850 0.000	101.626 0.000	102.402 0.000	103.178 0.000	103.954 0.000	104.730 0.000	105.506 0.000
	92.448 -0.000	93.153 -0.000	93.859 -0.000	94.566 -0.000	95.274 -0.000	95.983 -0.000	96.693 -0.000	97.403 -0.000	98.114 -0.000	98.826 -0.000	99.539 -0.000	100.253 -0.000	100.967 -0.000 1	101.682 -0.000 1	102.398 -0.000 1	103.114 -0.000 1	103.832 -0.000 1	104.549 -0.000 1	105.268 -0.000 1	105.987 -0.000 1
	90.782 0.000	91.555 0.000	92.329 0.000	93.103 0.000	93.877 0.000	94.651 0.000	95.425 0.000	96.200 0.000	96.975 0.000	97.749 0.000	98.524 0.000	000.0 008.66	100.075 0.000	100.850 0.000	101.626 0.000	102.402 0.000	103.178 0.000	103.954 0.000	104.730 0.000	105.506 0.000
	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000
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	41.201	41.277	41.354	41.418	41.431	41.457							
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Well Plan Report	0.000 106.707 -0.000 106.283 0.000	0.000 107.427 -0.000 107.059 0.000	0.000 108.148 -0.000 107.836 0.000	0.000 108.749 -0.000 108.483 0.000	0.000 108.870 -0.000 108.613 0.000	0.000 109.109 -0.000 108.871 0.000			Grid Northing	(ft)	400846.10	387757.80	387707.80
	106.283 0.000 106.70	107.059 0.000 107.42	107.836 0.000 108.14	108.483 0.000 108.74	108.613 0.000 108.87	108.871 0.000 109.10		Poker Lake Unit 28 BS 109H	Measured Depth	(ft)	10594.78	23683.24	23733.35
	90.000 179.789 10170.000	179.789 10170.000	179.789 10170.000	179.789 10170.000	90.000 179.789 10170.000	179.789 10170.000		Poker Lake					
	179.78	179.78	179.78	179.78	179.78	179.78							
	90.000	90.000	90.000	90.000	90.000	90.000							
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Subject: Request for a Variance Allowing break Testing of the Blowout Preventer Equipment (BOPE)

XTO Energy requests a variance to ONLY test broken pressure seals on the BOPE and function test BOP when skidding a drilling rig between multiple wells on a pad.

Background

Onshore Oil and Gas Order CFR Title 43 Part 3170, Drilling Operations, Sections III.A.2.i.iv.B states that the BOP test must be performed whenever any seal subject to test pressure is broken. The current interpretation of the Bureau of Land Management (BLM) requires a complete BOP test and not just a test of the affected component. CFR Title 43 Part 3170 states, "Some situation may exist either on a well-by-well basis or field-wide basis whereby it is commonly accepted practice to vary a particular minimum standard(s) established in this order. This situation can be resolved by requesting a variance...". XTO Energy feels the break testing the BOPE is such a situation. Therefore, as per CFR Title 43 Part 3170, XTO Energy submits this request for the variance.

Supporting Documentation

CFR Title 43 Part 3170 became effective on December 19, 1988 and has remained the standard for regulating BLM onshore drilling operations for over 30 years. During this time there have been significant changes in drilling technology. BLM continues to use the variance request process to allow for the use of modern technology and acceptable engineering practices that have arisen since CFR Title 43 Part 3170 was originally released. The XTO Energy drilling rig fleet has many modern upgrades that allow the intact BOP stack to be moved between well slots on a multi-well pad, as well as, wellhead designs that incorporate quick connects facilitating release of the BOP from the wellhead without breaking any BOP stack components apart. These technologies have been used extensively offshore, and other regulators, API, and many operators around the world have endorsed break testing as safe and reliable.



Figure 1: Winch System attached to BOP Stack



Figure 2: BOP Winch System

American Petroleum Institute (API) standards, specification and recommended practices are considered the industry standard and are consistently utilized and referenced by the industry. CFR Title 43 Part 3170recognizes API recommended Practices (RP) 53 in its original development. API Standard 53, *Well Control Equipment Systems for Drilling Wells* (Fifth Edition, December 2018, Annex C, Table C.4) recognizes break testing as an acceptable practice. Specifically, API Standard 53, Section 5.3.7.1 states "A pressure test of the pressure containing component shall be performed following the disconnection or repair, limited to the affected component." See Table C.4 below for reference.

Tat	ole C.4—Initial Pressure Te	esting, Surface BOP Stacks		
	Pressure Test—Low	Pressure Test—	-High Pressure ^{ac}	
Component to be Pressure Tested	Pressure ^{ac} psig (MPa)	Change Out of Component, Elastomer, or Ring Gasket	No Change Out of Component, Elastomer or Ring Gasket	
Annular preventer ^b	250 to 350 (1.72 to 2.41)	RWP of annular preventer	MASP or 70% annular RWP, whichever is lower.	
Fixed pipe, variable bore, blind, and BSR preventers ^{bd}	250 to 350 (1.72 to 2.41)	RWP of ram preventer or wellhead system, whichever is lower	ITP	
Choke and kill line and BOP side outlet valves below ram preventers (both sides)	250 to 350 (1.72 to 2.41)	RWP of side outlet valve or wellhead system, whichever is lower	ITP	
Choke manifold—upstream of chokes ^e	250 to 350 (1.72 to 2.41)	RWP of ram preventers or wellhead system, whichever is lower	ITP	
Choke manifold—downstream of chokese	250 to 350 (1.72 to 2.41)	RWP of valve(s), line(s), or M whichever is lower	MASP for the well program,	
Kelly, kelly valves, drill pipe safety valves, IBOPs	250 to 350 (1.72 to 2.41)	MASP for the well program		
Annular(s) and VBR(s) shall be pre For pad drilling operations, moving pressure-controlling connections	during the evaluation period. The persure tested on the largest and sm from one wellhead to another with when the integrity of a pressure se	oressure shall not decrease below the allest OD drill pipe to be used in well n the 21 days, pressure testing is req	program. uired for pressure-containing an	

The Bureau of Safety and Environmental Enforcement (BSEE), Department of Interior, has also utilized the API standards, specification and best practices in the development of its offshore oil and gas regulations and incorporates them by reference within its regulations.

Break testing has been approved by the BLM in the past with other operators based on the detailed information provided in this document.

XTO Energy feels break testing and our current procedures meet the intent of CFR Title 43 Part 317 Oand often exceed it. There has been no evidence that break testing results in more components failing than seen on full BOP tests. XTO Energy's internal standards requires complete BOPE tests more often than that of CFR Title 43 Part 3170 (Every 21 days). In addition to function testing the annular, pipe rams and blind rams after

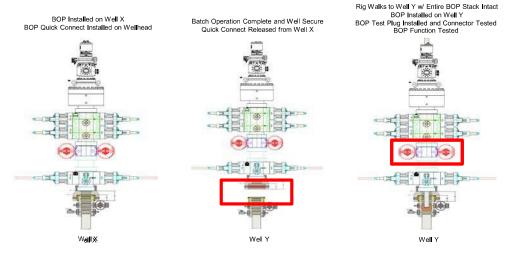
each BOP nipple up, XTO Energy performs a choke drill with the rig crew prior to drilling out every casing shoe. This is additional training for the rig crew that exceeds the requirements of the CFR Title 43 Part 3170.

Procedures

- XTO Energy will use this document for our break testing plan for New Mexico Delaware basin.
 The summary below will be referenced in the APD or Sundry Notice and receive approval prior
 to implementing this variance.
- 2. XTO Energy will perform BOP break testing on multi-wells pads where multiple intermediate sections can be drilled and cased within the 21-day BOP test window.
 - a. A full BOP test will be conducted on the first well on the pad.
 - b. The first intermediate hole section drilled on the pad will be the deepest. All of the remaining hole sections will be the same depth or shallower.
 - i. Our Lower WC targets set the intermediate casing shoe no deeper than the Wolfcamp B.
 - ii. Our Upper WC targets set the intermediate casing shoe shallower than the Wolfcamp B.
 - c. A Full BOP test will be required if the intermediate hole section being drilled has a MASP over 5M.
 - d. A full BOP test will be required prior to drilling any production hole.
- 3. After performing a complete BOP test on the first well, the intermediate hole section will be drilled and cased, two breaks would be made on the BOP equipment.
 - a. Between the HCV valve and choke line connection
 - b. Between the BOP quick connect and the wellhead
- 4. The BOP is then lifted and removed from the wellhead by a hydraulic system.
- 5. After skidding to the next well, the BOP is moved to the wellhead by the same hydraulic system and installed.
- 6. The connections mentioned in 3a and 3b will then be reconnected.
- 7. Install test plug into the wellhead using test joint or drill pipe.
- 8. A shell test is performed against the upper pipe rams testing the two breaks.
- 9. The shell test will consist of a 250 psi low test and a high test to the value submitted in the APD or Sundry (e.g. 5,000 psi or 10,000psi).
- 10. Function test will be performed on the following components: lower pipe rams, blind rams, and annular.

- 11. For a multi-well pad the same two breaks on the BOP would be made and on the next wells and steps 4 through 10 would be repeated.
- 12. A second break test would only be done if the intermediate hole section being drilled could not be completed within the 21 day BOP test window.

Note: Picture below highlights BOP components that will be tested during batch operations



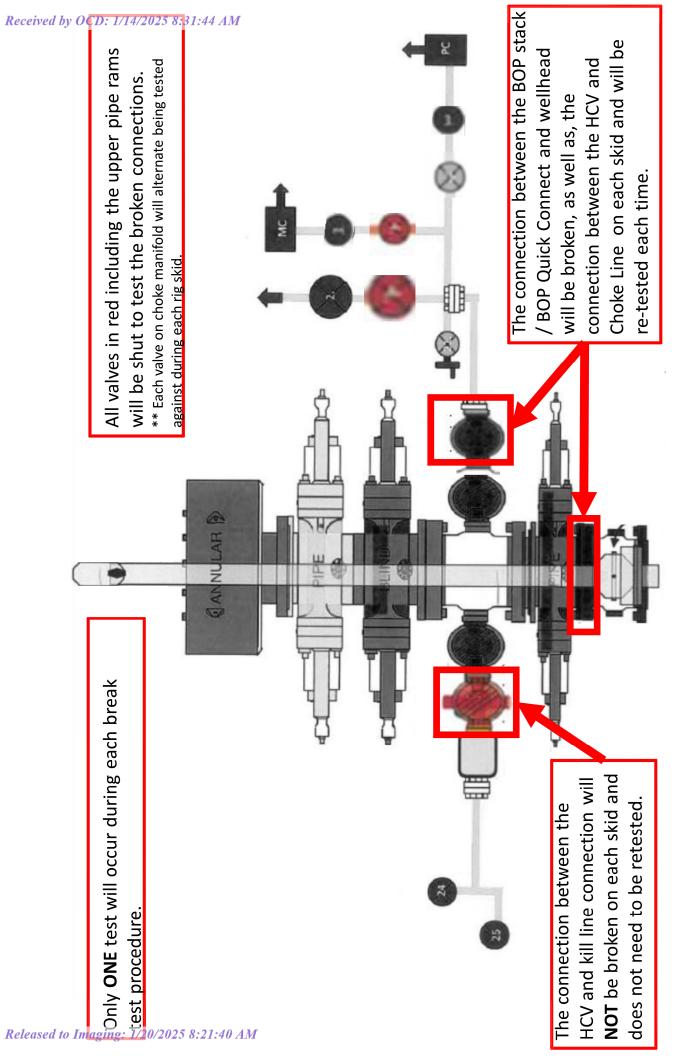
Summary

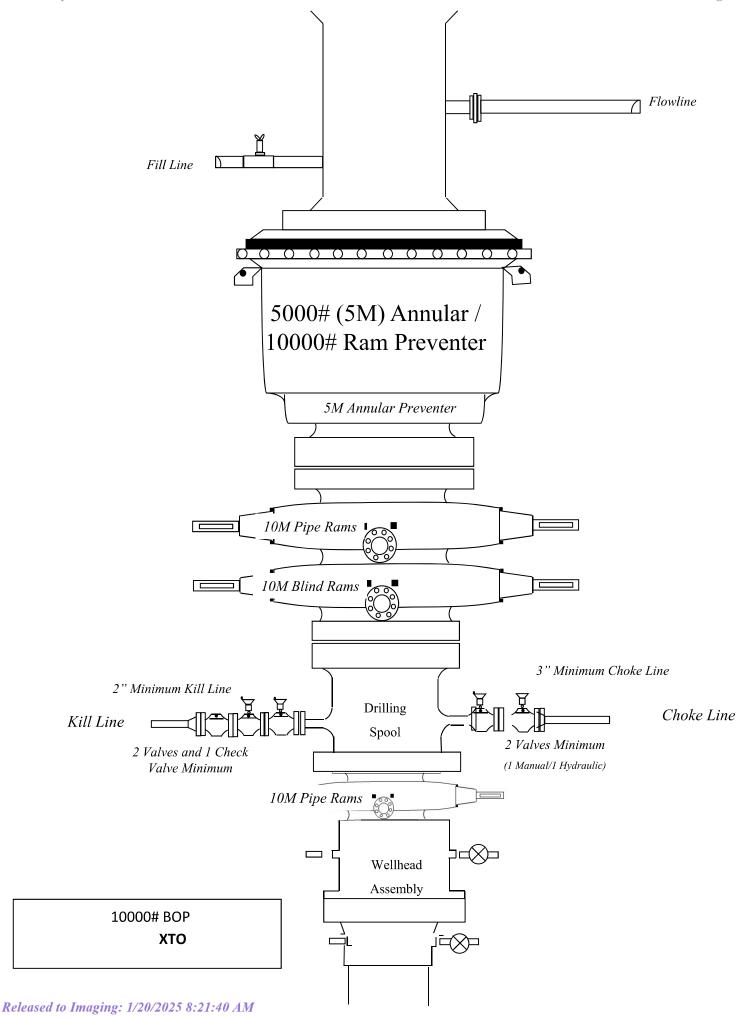
A variance is requested to **ONLY** test broken pressure seals on the BOP equipment when moving from wellhead to wellhead which is in compliance with API Standard 53. API Standard 53 states, that for pad drilling operation, moving from one wellhead to another within 21 days, pressure testing is required for pressure-containing and pressure-controlling connections when the integrity of a pressure seal is broken.

The BOP will be secured by a hydraulic carrier or cradle. The BLM will be contacted if a Well Control event occurs prior to the commencement of a BOPE Break Testing operation.

Based on discussions with the BLM on February 27th 2020 and the supporting documentation submitted to the BLM, we will request permission to ONLY retest broken pressure seals if the following conditions are met:

- 1. After a full BOP test is conducted on the first well on the pad.
- 2. The first intermediate hole section drilled on the pad will be the deepest. All of the remaining hole sections will be the same depth or shallower.
- 3. Full BOP test will be required if the intermediate hole section being drilled has a MASP over 5M.
- 4. Full BOP test will be required prior to drilling the production hole.







all) P110 RY USS-FREEDOM HTQ $^{ m ext{ iny R}}$

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

Notes

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

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XTO Permian Operating, LLC Offline Cementing Variance Request

XTO requests the option to cement the surface and intermediate casing strings offline as a prudent batch drilling efficiency of acreage development.

1. Cement Program

No changes to the cement program will take place for offline cementing.

2. Offline Cementing Procedure

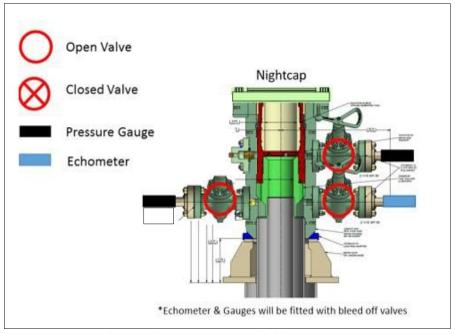
The operational sequence will be as follows. If a well control event occurs, the BLM will be contacted for approval prior to conducting offline cementing operations.

- 1. Run casing as per normal operations. While running casing, conduct negative pressure test and confirm integrity of the float equipment (float collar and shoe)
- 2. Land casing with mandrel
- 3. Fill pipe with kill weight fluid, do not circulate through floats and confirm well is static
- 4. Set annular packoff shown below and pressure test to confirm integrity of the seal. Pressure ratings of wellhead components and valves is 5,000 psi.
- 5. After confirmation of both annular barriers and internal barriers, nipple down BOP and install cap flange.
 - a. If any barrier fails to test, the BOP stack will not be nippled down until after the cement job is completed with cement 500ft above the highest formation capable of flow with kill weight mud above or after it has achieved 50-psi compressive strength if kill weight fluid cannot be verified.



Annular packoff with both external and internal seals

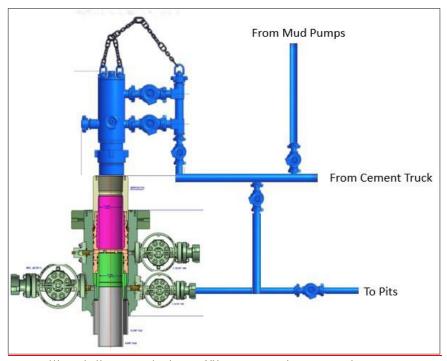
XTO Permian Operating, LLC Offline Cementing Variance Request



Wellhead diagram during skidding operations

- 6. Skid rig to next well on pad.
- 7. Confirm well is static before removing cap flange, flange will not be removed and offline cementing operations will not commence until well is under control. If well is not static, casing outlet valves will provide access to both the casing ID and annulus. Rig or third party pump truck will kill well prior to cementing or nippling up for further remediation.
 - a. Well Control Plan
 - i. The Drillers Method will be the primary well control method to regain control of the wellbore prior to cementing, if wellbore conditions do not permit the drillers method other methods of well control may be used
 - ii. Rig pumps or a 3rd party pump will be tied into the upper casing valve to pump down the casing ID
 - iii. A high pressure return line will be rigged up to lower casing valve and run to choke manifold to control annular pressure
 - iv. Once influx is circulated out of the hole, kill weight mud will be circulated
 - v. Well will be confirmed static
 - vi. Once confirmed static, cap flange will be removed to allow for offline cementing operations to commence
- 8. Install offline cement tool
- 9. Rig up cement equipment

XTO Permian Operating, LLC Offline Cementing Variance Request



Wellhead diagram during offline cementing operations

- 10. Circulate bottoms up with cement truck
 - a. If gas is present on bottoms up, well will be shut in and returns rerouted through gas buster to handle entrained gas
 - b. Max anticipated time before circulating with cement truck is 6 hrs
- 11. Perform cement job taking returns from the annulus wellhead valve
- 12. Confirm well is static and floats are holding after cement job
- 13. Remove cement equipment, offline cement tools and install night cap with pressure gauge for monitoring.

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

Description of Operations:

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



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

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

Notes

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

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PHONE: +1 (281) 602-4100

FAX: +1 (281) 602-4147

EMAIL: gesna.quality@gates.com

WEB: www.gates.com/oilandgas

NEW CHOKE HOSE

INSTAUED 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.

CL	IST	ON	IER:	
-				

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: 7. CUSTUSE

TITLE: QUALITY ASSURANCE

DATE: 1/25/2024

H3-15/16



1/25/2024 11:48:06 AM

TEST REPORT

CUSTOMER

Company:

Nabors Industries Inc.

TEST OBJECT

Serial number: H3-012524-1

Lot number:

Production description:

Sales order #:

74621/66-1531

529480

Description:

Part number:

74621/66-1531

Customer reference:

FG1213

Hose ID:

3" 16C CK

TEST INFORMATION

Test procedure:

GTS-04-053

psi

Fitting 1:

3.0 x 4-1/16 10K

Test pressure: Test pressure hold: 15000.00 3600.00

sec

Part number:

Description:

Work pressure:

10000.00 900.00

psi

Work pressure hold:

sec

Fitting 2:

3.0 x 4-1/16 10K

45

Length difference: Length difference: 0.00 0.00

% inch Part number:

Length:

Description:

feet

Visual check:

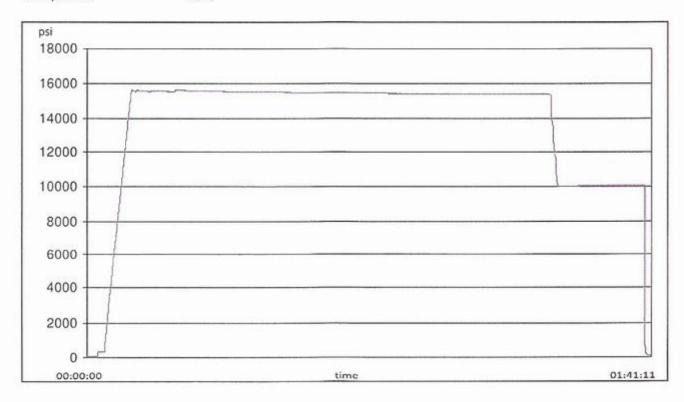
Pressure test result:

PASS

Length measurement result:

Test operator:

Travis





H3-15/16

1/25/2024 11:48:06 AM

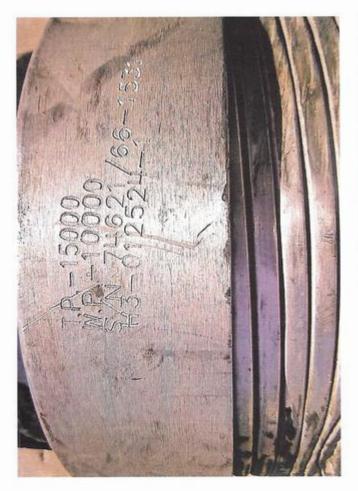
TEST REPORT

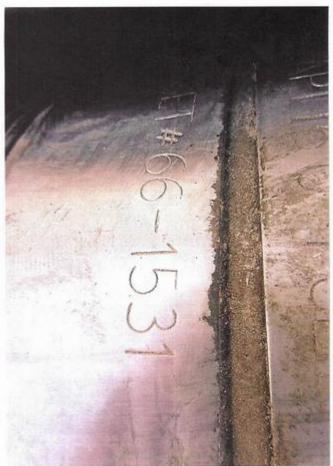
GAUGE TRACEABILITY

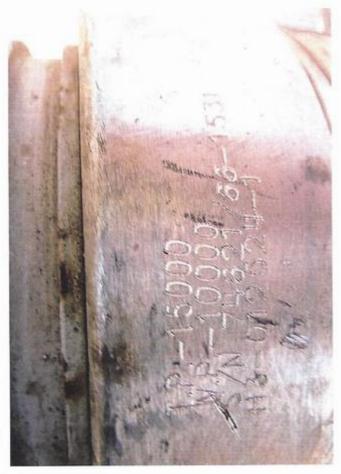
Serial number	Calibration date	Calibration due date
110D3PHO	2023-06-06	2024-06-06
110IQWDG	2023-05-16	2024-05-16
	110D3PHO	110D3PHO 2023-06-06



Released to Imaging: 1/20/2025 8:21:40 AM









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

General Information Phone: (505) 629-6116

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

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

CONDITIONS

Action 420313

CONDITIONS

Operator:	OGRID:
XTO PERMIAN OPERATING LLC.	373075
6401 HOLIDAY HILL ROAD	Action Number:
MIDLAND, TX 79707	420313
	Action Type:
	[C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date	
ward.rikala	Any previous COA's not addressed within the updated COA's still apply.	1/20/2025	l