Received Nymper/5/2024 12:17:35 PM Type of Well: CONVENTIONAL GAS

WĖLI

Allottee or Tribe Name:

Page 1 of 44

Lease Number: NMLC0068430

Unit or CA Name: POKER LAKE UNIT

Unit or CA Number: NMNM71016X

LLC

Notice of Intent

Sundry ID: 2784176

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 04/09/2024 Time Sundry Submitted: 02:08

Date proposed operation will begin: 04/30/2024

Procedure Description: XTO Permian Operating, LLC. respectfully requests approval to make the following changes to the approved APD. Changes to include FTP, LTP, BHL, Casing sizes, Cement, Proposed total Depth, and formation (Pool). FROM: TO: FTP: 387' FNL & 179' FEL OF SECTION 21-T24S-R30E 100' FNL & 42' FEL OF SECTION 21-T24S-R30E LTP: 330' FNL & 96' FEL OF SECTION 33-T23S-R30E 2537' FNL & 38' FEL OF SECTION 33-T24S-R30E BHL: 201' FNL & 95' FEL OF SECTION 33-T23S-R30E 2627' FNL & 39' FEL OF SECTION 33-T24S-R30E The proposed total depth is changing from 32937' MD; 11192' TVD (Wolfcamp) to 23870' MD; 11061' TVD (Wolfcamp X/Y). See attached Drilling Plan for updated cement and casing program. A saturated salt brine will be utilized while drilling through the salt formations. Attachments: C-102, Drilling Plan, Directional Plan, MBS

NOI Attachments

Procedure Description

PLU_21_DTD_128H_Sundry_Documents_20240726150633.pdf

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US Well Number: 3001553223 Operator: XTO PERMIAN OPERATING

LLC

Conditions of Approval

Additional

POKER_LAKE_UNIT_21_DTD_128H_COA_20240904160243.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: JUL 26, 2024 03:06 PM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Advisor

Street Address: 6401 HOLIDAY HILL ROAD SUITE 200

City: MIDLAND State: TX

Phone: (432) 999-3107

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

Field

Representative Name:

Street Address:

City: State: Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234 BLM POC Email Address: cwalls@blm.gov

Disposition: Approved **Disposition Date:** 09/04/2024

Signature: Chris Walls

Form 3160-5 (June 2019)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

16	If Indian	Λ1

DLI	THE INTERIOR			,
BUR	EAU OF LAND MANAGEMENT		5. Lease Serial No.	NMLC068430
Do not use this t	IOTICES AND REPORTS ON W form for proposals to drill or to Use Form 3160-3 (APD) for suc	o re-enter an	6. If Indian, Allottee	or Tribe Name
SUBMIT IN	TRIPLICATE - Other instructions on pag	ne 2	7. If Unit of CA/Agre	eement, Name and/or No.
1. Type of Well	The state of pag	<u> </u>	POKER LAKE UN	
☐ Oil Well ✓ Gas V			8. Well Name and No	POKER LAKE UNIT 21 DTD/128H
2. Name of Operator XTO PERMIAN	OPERATING LLC		9. API Well No. 300	1553223
3a. Address 6401 HOLIDAY HILL R	OAD BLDG 5, MIDLAND, 3b. Phone No. (432) 683-22	(include area code) 77	10. Field and Pool or PURPLE SAGE/V	
4. Location of Well (Footage, Sec., T., K SEC 16/T24S/R30E/NMP	R.,M., or Survey Description)		11. Country or Parish	, State
	CK THE APPROPRIATE BOX(ES) TO INI	DICATE NATURE OF N		HER DATA
TYPE OF SUBMISSION		TYPE OF	ACTION	
Notice of Intent		raulic Fracturing	Production (Start/Resume) Reclamation Recomplete	Water Shut-Off Well Integrity Other
Subsequent Report Final Abandonment Notice	Change Plans Plug	and Abandon	Temporarily Abandon Water Disposal	Onlei
the Bond under which the work will completion of the involved operation completed. Final Abandonment No is ready for final inspection.) XTO Permian Operating, LLC. LTP, BHL, Casing sizes, Cemporary FROM: TO: FTP: 387' FNL & 179' FEL OF LTP: 330' FNL & 96' FEL OF SEL	and the desired and casing program.	ile with BLM/BIA. Requippletion or recompletion s, including reclamation, the following changes in (Pool). 12' FEL OF SECTION 18' FEL OF SECTION 189' FEL OF SECTION 189' FEL OF SECTION	ired subsequent reports min a new interval, a Form 3, have been completed and to the approved APD. C 21-T24S-R30E 33-T24S-R30E 33-T24S-R30E	ust be filed within 30 days following 8160-4 must be filed once testing has been the operator has detennined that the site changes to include FTP,
Continued on page 3 additiona 4. I hereby certify that the foregoing is	I information true and correct. Name (Printed/Typed)			
TERRA SEBASTIAN / Ph: (432) 99		Regulatory Adv	isor	
(Electronic Submission Signature	on)	Date	07/26/2	2024
	THE SPACE FOR FED	ERAL OR STATE	OFICE USE	
Approved by CHRISTOPHER WALLS / Ph: (57		Petroleum	Engineer	09/04/2024
Conditions of approval, if any, are attack	hed. Approval of this notice does not warran equitable title to those rights in the subject le		BAD	Date

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

(Form 3160-5, page 2)

Additional Information

Additional Remarks

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

Attachments: C-102, Drilling Plan, Directional Plan, MBS

Location of Well

0. SHL: SESE / 237 FSL / 97 FEL / TWSP: 24S / RANGE: 30E / SECTION: 16 / LAT: 32.211149 / LONG: -103.877898 (TVD: 0 feet, MD: 0 feet)

PPP: NENE / 387 FNL / 179 FEL / TWSP: 24S / RANGE: 30E / SECTION: 21 / LAT: 32.209431 / LONG: -103.878166 (TVD: 11192 feet, MD: 11700 feet)

BHL: NENE / 201 FNL / 95 FEL / TWSP: 23S / RANGE: 30E / SECTION: 33 / LAT: 32.268075 / LONG: -103.877895 (TVD: 11192 feet, MD: 32937 feet)

PECOS DISTRICT DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME: XTO
LEASE NO.: NMLC068430
LOCATION: Sec.16, T.24 S, R 30 E

COUNTY: Eddy County, New Mexico

WELL NAME & NO.: PLU 21 DTD 128H

SURFACE HOLE FOOTAGE: 237'/S & 97'/E

BOTTOM HOLE FOOTAGE: 2627'/N & 39'/E

Changes approved through engineering via **Sundry 2784176** on _9-4-2024__. Any previous COAs not addressed within the updated COAs still apply.

COA

H_2S	•	No	0	Yes
Potash /	None	Secretary	○ R-111-Q	Open Annulus
WIPP	Choose	e an option (including bla	nk option.)	☐ WIPP
Cave / Karst	• 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.	© 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	

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.

APD is within the R-111-Q defined boundary. Operator must follow all procedures and requirements listed within the updated order.

B. CASING

- 1. The 13-3/8 inch surface casing shall be set at approximately 903 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 9-5/8 inch 1st Intermediate casing is:
 - Cement to surface. If cement does not circulate see B.1.a, c-d above.

Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst, or potash.

- 3. The minimum required fill of cement behind the **7-5/8** inch 2nd 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 6380'
 - b. **Second stage:** Operator will perform bradenhead squeeze and top-out. Cement to tie-back at least **500ft** into previous casing shoe. 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, or potash.

Operator has proposed to pump down Intermediate 1 X Intermediate 2 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.

- 4. The minimum required fill of cement behind the 5-1/2 inch production liner is:
 - Cement should tie-back **100 feet** into the previous casing. 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.

Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.

- a. 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.
- b. Manufacturer representative shall install the test plug for the initial BOP test.
- c. 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.
- d. Whenever any seal subject to test pressure is broken, all the tests in 43 CFR 3172 must be followed.

D. SPECIAL REQUIREMENT (S)

Unit Wells

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

Commercial Well Determination

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

BOPE Break Testing Variance

- BOPE Break Testing is ONLY permitted for intervals utilizing a 5M BOPE or less. (Annular preventer must be tested to a minimum of 70% of BOPE working pressure and shall be higher than the MASP.)
- BOPE Break Testing is NOT permitted to drilling the production hole section.
- Variance only pertains to the intermediate hole-sections and no deeper than the Bone Springs formation.
- While in transfer between wells, the BOPE shall be secured by the hydraulic carrier or cradle.
- Any well control event while drilling require notification to the BLM Petroleum Engineer (575-706-2779) prior to the commencement of any BOPE Break Testing operations.

- A full BOPE test is required prior to drilling the first deep intermediate hole section. If any subsequent hole interval is deeper than the first, a full BOPE test will be required. (200' TVD tolerance between intermediate shoes is allowable).
- The BLM is to be contacted (575-361-2822 Eddy County) 4 hours prior to BOPE tests.
- As a minimum, a full BOPE test shall be performed at 21-day intervals.
- In the event any repairs or replacement of the BOPE is required, the BOPE shall test as per 43 CFR 3172.
- If in the event break testing is not utilized, then a full BOPE test would be conducted.

Offline Cementing

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

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

Casing Clearance

String does not meet 0.422" clearance requirement per 43 CFR 3172. Cement tieback requirement increased 100' for 2nd Intermediate casing tieback. Operator may contact approving engineer to discuss changing easing set depth or grade to meet clearance requirement.

GENERAL REQUIREMENTS

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

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

Contact Eddy County Petroleum Engineering Inspection Staff:

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

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

A. CASING

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

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

B. PRESSURE CONTROL

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

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

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

- open. (only applies to single stage cement jobs, prior to the cement setting up.)
- iii. The tests shall be done by an independent service company utilizing a test plug not a cup or J-packer and can be initiated immediately with the casing valve open. The operator also has the option of utilizing an independent tester to test without a plug (i.e. against the casing) pursuant to **43 CFR 3172** with the pressure not to exceed 70% of the burst rating for the casing. Any test against the casing must meet the WOC time for 8 hours or 500 pounds compressive strength, whichever is greater, prior to initiating the test (see casing segment as lead cement may be critical item).
- iv. The test shall be run on a 5000 psi chart for a 2-3M BOP/BOP, on a 10000 psi chart for a 5M BOP/BOPE and on a 15000 psi chart for a 10M BOP/BOPE. If a linear chart is used, it shall be a one hour chart. A circular chart shall have a maximum 2 hour clock. If a twelve hour or twenty-four hour chart is used, tester shall make a notation that it is run with a two hour clock.
- v. The results of the test shall be reported to the appropriate BLM office.
- vi. All tests are required to be recorded on a calibrated test chart. A copy of the BOP/BOPE test chart and a copy of independent service company test will be submitted to the appropriate BLM office.
- vii. The BOP/BOPE test shall include a low pressure test from 250 to 300 psi. The test will be held for a minimum of 10 minutes if test is done with a test plug and 30 minutes without a test plug. This test shall be performed prior to the test at full stack pressure.
- viii. BOP/BOPE must be tested by an independent service company within 500 feet of the top of the Wolfcamp formation if the time between the setting of the intermediate casing and reaching this depth exceeds 20 days. This test does not exclude the test prior to drilling out the casing shoe as per 43 CFR 3172.

C. DRILLING MUD

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

D. WASTE MATERIAL AND FLUIDS

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

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

Approved by Zota Stevens on 9/4/2024 575-234-5998 / zstevens@blm.gov

WELL LOCATION AND ACREAGE DEDICATION PLAT

	VV 1_1	LE LOCATION AND	ACKLAGE DEDICATION LAT	
¹ API Numbe	r	² Pool Code	³ Pool Name	
30-015-	53223	98220	PURPLE SAGE;WOLFCAMP	(GAS)
⁴ Property Code		⁵ P	roperty Name	⁶ Well Number
333571		POKER L	AKE UNIT 21 DTD	128H
⁷ OGRID No.		⁸ O	perator Name	⁹ Elevation
373075		XTO PERMIA	AN OPERATING, LLC.	3,398'

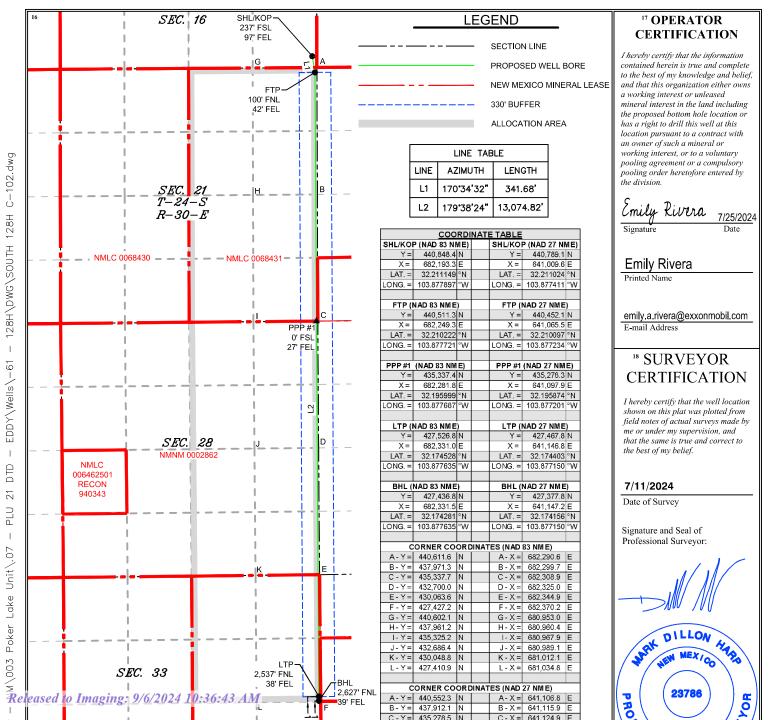
Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Р	16	24S	30E		237	SOUTH	97	EAST	EDDY

"Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
н	33	24S	30E		2,627	NORTH	39	EAST	EDDY
12 Dedicated Acres	¹³ Joint or	Infill 14Co	onsolidation (Code 15 Ord	ler No.			1	
800.00									

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



Inten [.]	t X	As Dril	led										
API#													
Ope	rator Nar	^{me:} IAIN OPI	ERATIN	IG, LL	.C.	Prope POK	-			IT 21 [OTD		Well Number 128H
/iak (off Doint	(KOD)											
UL	Off Point Section	Township	Range	Lot	Feet	ı	From N	I/S	Feet	F	rom E/V	V County	
Latitu	ıde				Longitu	ude						NAD	
irst 1	Гаke Poin	nt (FTP)											
UL A	Section 21	Township 24S	Range 30E	Lot	Feet 100		From N		Feet 42		rom E/V	V County EDDY	
Latitu 32.2	^{ide} 210222	2		1	Longitu -103	ude .8777	721		l	· ·		NAD 83	
.ast T	ake Poin	t (LTP)											
UL H	Section 33	Township 24S	Range 30E	Lot	Feet 2,537	From NOF		Feet 38		From E/ EAST		unty DDY	
Latitu 32 .	^{ide} 174528	3			Longitu -103	ude .8776	35				NA 83		
s this	s well the	defining v	vell for tl	ne Horiz	zontal S _l	pacing	Unit?						
s this	well an i	infill well?											
	l is yes pl ng Unit.	lease prov	ide API if	availak	ole, Ope	rator N	ame a	and v	vell nu	ımber f	or Defi	ning well fo	or Horizontal
API#													
Ope	rator Nar	ne:				Prope	erty N	lame	:				Well Number
													V7.06/20/201

KZ 06/29/2018

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

XTO Energy Inc.

POKER LAKE UNIT 21 DTD 128H

Projected TD: 23870' MD / 11061' TVD

SHL: 237' FSL & 97' FEL , Section 16, T24S, R30E

BHL: 2627' FNL & 39' FEL , Section 33, T23S, R30E

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	1045'	Water
Top of Salt	1448'	Water
Base of Salt	3641'	Water
Delaware	3835'	Water
Brushy Canyon	6381'	Water/Oil/Gas
Bone Spring	7705'	Water
Avalon	8398'	Water/Oil/Gas
1st Bone Spring	8414'	Water/Oil/Gas
2nd Bone Spring	8999'	Water/Oil/Gas
Wolfcamp	11010'	Water/Oil/Gas
Wolfcamp X	11031'	Water/Oil/Gas
Target/Land Curve	11061'	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 13.375 inch casing @ 1423' (25' above the salt) and circulating cement back to surface. The salt will be isolated by setting 9.625 inch casing at 3741' and circulating cement to surface. The second intermediate will isolate from the salt down to the next casing seat by setting 7.625 inch casing at 10145' and cementing to surface. A 6.75 inch curve and 6.75 inch lateral hole will be drilled to 23870 MD/TD and 5.5 inch production casing will be set at TD and cemented back up to 2nd intermediate (estimated TOC 9845 feet) per Potash regulations.

3. Casing Design

Hole Size	Depth	OD Csg	Weight	Grade	Collar	New/Used	SF Burst	SF Collapse	SF Tension
17.5	0' – 1423'	13.375	54.5	J-55	втс	New	3.08	1.82	11.72
12.25	0' – 3741'	9.625	40	J-55	втс	New	1.64	3.04	4.21
8.75	0' – 3841'	7.625	29.7	RY P-110	Flush Joint	New	2.26	3.04	1.85
8.75	3841' – 10145'	7.625	29.7	HC L-80	Flush Joint	New	1.65	3.35	2.17
6.75	0' – 10045'	5.5	20	RY P-110	Semi-Premium	New	1.05	1.85	2.02
6.75	10045' - 23870'	5.5	20	RY P-110	Semi-Flush	New	1.05	1.68	5.53

[·] Production casing meets the clearance requirements as tapered string crosses over before encountering the intermediate shoe, per Onshore Order 2.3.B.1

- \cdot 9.625 Collapse analyzed using 50% evacuation based on regional experience.
- · 7.625 Collapse analyzed using 50% evacuation based on regional experience.
- 5.5 Tension calculated using vertical hanging weight plus the lateral weight multiplied by a friction factor of 0.35

Wellhead:

Permanent Wellhead - Multibowl System

A. Starting Head: 20" 10M top flange x 13-3/8" bottom

B. Tubing Head: 13-5/8" 10M bottom flange x 7-1/16" 15M top flange

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

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

[·] XTO requests the option to utilize a spudder rig (Atlas Copco RD20 or Equivalent) to set and cement surface and intermediate 1 casing per this Sundry

4. Cement Program

Surface Casing: 13.375, 54.5 New BTC, J-55 casing to be set at +/- 1423'

Optional Lead: 1170 sxs EconoCem-HLTRRC (mixed at 12.8 ppg, 1.33 ft3/sx, 10.13 gal/sx water)

Tail: 310 sxs Class C + 2% CaCl (mixed at 14.8 ppg, 1.33 ft3/sx, 6.39 gal/sx water)

Top of Cement: Surface

Compressives: 12-hr = 250 psi 24 hr = 500 psi

Due to the high probability of not getting cement to surface during conventional top-out jobs in the area, ~10-20 ppb gravel will be added on the backside of the 1" to get cement to surface, if required.

1st Intermediate Casing: 9.625, 40 New BTC, J-55 casing to be set at +/- 3741'

Lead: 780 sxs Class C (mixed at 14.8 ppg, 2.06 ft3/sx, 10.13 gal/sx water)
Tail: 60 sxs Class C + 2% CaCl (mixed at 15.6 ppg, 2.06 ft3/sx, 6.39 gal/sx water)

Top of Cement: Surface

Compressives: 12-hr = 900 psi 24 hr = 1500 psi

2nd Intermediate Casing: 7.625, 29.7 New casing to be set at +/- 10145'

1st Stage

Optional Lead: 140 sxs Class C (mixed at 10.5 ppg, 2.77 ft3/sx, 15.59 gal/sx water)

TOC: 3441

Tail: 400 sxs Class C (mixed at 14.8 ppg, 1.27 ft3/sx, 6.39 gal/sx water)

TOC: Brushy Canyon @ 6381

Compressives: 12-hr = 900 psi 24 hr = 1150 psi

2nd Stage - bradenhead contingency

Tail: 140 sxs Class C (mixed at 14.8 ppg, 2.77 ft3/sx, 6.39 gal/sx water)

Top of Cement: 3441

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 (6381') and the second stage performed as a bradenhead squeeze with planned cement from the Brushy Canyon to surface.

XTO requests to pump an Optional Lead if well conditions dictate in an attempt to bring cement to surface. 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 wellhead provider procedure and pressure inside the casing will be monitored via the valve on the TA cap as per standard batch drilling ops.

Production Casing: 5.5, 20 New Semi-Flush, RY P-110 casing to be set at +/- 23870'

Lead: 10 sxs NeoCem (mixed at 11.5 ppg, 2.69 ft3/sx, 15.00 gal/sx water) Top of Cement: 9845 feet
Tail: 850 sxs VersaCem (mixed at 13.2 ppg, 1.51 ft3/sx, 8.38 gal/sx water) Top of Cement: 10387 feet
Compressives: 12-hr = 1375 psi 24 hr = 2285 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 suface casing, the blow out preventer equipment (BOP) will consist of a 5M Hydril and a 10M Double Ram BOP.

XTO will use a Multi-Bowl system which is attached.

All BOP testing will be done by an independent service company. Annular pressure tests will be conducted to at least 50% of the rated working pressure. When nippling up on the 13,375, 10M bradenhead and flange, the BOP test will be limited to 10000 psi. When nippling up on the 7.625, the BOP will be tested to a minimum of 10000 psi. All BOP tests will include a low pressure test as per BLM regulations. The 10M BOP diagrams are attached. Blind rams will be functioned tested each trip, pipe rams will be functioned tested each week

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 Comments
	11010 0120	Mad Type	(ppg)	(sec/qt)	(cc)	Fresh water or
0' - 1423'	17.5	FW/Native	8.4-8.9	35-40	NC	native water Fully saturated
1423' - 3835'	12.25	Saturated Salt	10.5 - 11	30-32	NC	salt across salado / salt
3835' to 10145'	8.75	BDE / OBM	9- 9.5	30-32	NC	N/A
10145' to 23870'	6.75	ОВМ	10.5-11	50-60	NC - 20	N/A

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

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

7. Auxiliary Well Control and Monitoring Equipment

- A 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 13.375 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 175 to 195 F is anticipated. No H2S is expected but monitors will be in place to detect any H2S occurrences. Should these circumstances be encountered the operator and drilling contractor are prepared to take all necessary steps to ensure safety of all personnel and environment. Lost circulation could occur but is not expected to be a serious problem in this area and hole seepage will be compensated for by additions of small amounts of LCM in the drilling fluid. The maximum anticipated bottom hole pressure for this well is 6614 psi.

10. Anticipated Starting Date and Duration of Operations

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

Well Plan Report - Poker Lake Unit 21 DTD South 128H

Well Plan Report

Measured Depth:	23870.37 ft
TVD RKB:	11061.00 ft
Location	
Cartographic Reference System:	New Mexico East - NAD 27
Northing:	440789.10 ft
Easting:	641009.60 ft
RKB:	3430.00 ft
Ground Level:	3398.00 ft
North Reference:	Grid
Convergence Angle:	0.24 Deg

	Turn Dogleg	Rate Rate	(Deg/100ft) (Deg/100ft) Target	0.00 0.00	0.00 0.00			0.00 2.39		0.00 8.00	0.00 CTP 11	0.00 0.00 BHL 11
	Build	Rate	(Deg/100ft)	00.00	00.00	2.39	00.00	-2.39	00.00	8.00	00.0	00.00
		X Offset	(ff)	00.00	00.00	20.78	35.12	55.90	55.90	60.10	132.02	132,55
		Y Offset	(ft)	00.00	00.00	-125.26	-211.74	-337.00	-337.00	-1053.18	-13321.60	-13411.35
TD South 128H	DVT	RKB	(#)	0.00	3700.00	4470.61	4729.39	5500.00	10344.80	11061.00	11061.00	11061.00
Poker Lake Unit 21 DTD South 128H		Azimuth	(Deg)	00.00	0.00	170.58	170.58	00.00	00.00	179.66	179.66	179.66
Poke		Inclination	(Deg)	00.00	00:00	18.71	18.71	00.00	00.00	90.00	90.00	00.06
Plan Sections	Measured	Depth	(#)	0.00	3700.00	4484.48	4757.70	5542.19	10386.99	11511.99	23780.61	23870.37

	Semi-minor Tool
	Semi-minor
	Semi-major
	Magnitude
	Vertical
outh 128H	Lateral
Poker Lake Unit 21 DTD Soutl	TVD Highside
Position Uncertainty	Measured

	Azimuth Used	(,)	0.000 MWD+IFR1+MS	112.264 MWD+IFR1+MS	122.711 MWD+IFR1+MS	125.469 MWD+IFR1+MS	126.713 MWD+IFR1+MS	127.419 MWD+IFR1+MS	127.873 MWD+IFR1+MS	128.190 MWD+IFR1+MS	128.423 MWD+IFR1+MS	128.602 MWD+IFR1+MS	128.744 MWD+IFR1+MS	128.859 MWD+IFR1+MS	128.954 MWD+IFR1+MS	129.034 MWD+IFR1+MS	129.102 MWD+IFR1+MS	129.161 MWD+IFR1+MS	129.212 MWD+IFR1+MS	129,257 MWD+IFR1+MS	129.297 MWD+IFR1+MS	129.333 MWD+IFR1+MS	129.365 MWD+IFR1+MS	129.394 MWD+IFR1+MS	129.420 MWD+IFR1+MS	129.444 MWD+IFR1+MS	129.466 MWD+IFR1+MS	129,486 MWD+IFR1+MS	129.505 MWD+IFR1+MS	129.522 MWD+IFR1+MS	129.538 MWD+IFR1+MS	129.552 MWD+IFR1+MS	129.566 MWD+IFR1+MS
	Error	(#)	0.000	0.220	0.627	0.986	1.344	1.701	2.059	2.417	2.775	3.133	3.491	3.849	4.207	4.565	4.924	5.282	5.640	5.999	6.357	6.715	7.074	7.432	7.791	8.149	8.507	8.866	9.224	9.583	9.941	10.299	10.658
	Error	(#J	0.000	0.751	1.259	1.698	2.108	2.503	2.888	3.267	3.642	4.014	4.384	4.752	5.119	5.484	5.849	6.213	6.577	6.939	7.302	7 664	8.026	8.387	8.748	9.109	9.470	9.831	10.191	10,552	10.912	11.272	11.632
ort	of Bias	(#)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	000'0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	000'0	0.000	0.000	0.000
Well Plan Report	Bias	(ff)	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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
We	Error	(#)	0.000	2.300	2.310	2.325	2.347	2.374	2.407	2.444	2.486	2.532	2.582	2.635	2.692	2.752	2.814	2.879	2.947	3.017	3.088	3.162	3.238	3.315	3.393	3.474	3.556	3.639	3.723	3.809	3.896	3.985	4.075
	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	00000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0000	0.000	0.000	0.000	0.000	0.000
	Error	(£)	0.000	0.350	0.861	1.271	1.658	2.034	2.405	2.773	3.138	3.502	3.865	4.228	4.589	4 950	5.311	5.672	6.032	6.392	6.752	7.112	7.471	7.831	8.190	8.550	8.909	9.268	9.627	9.986	10.345	10.705	11.063
	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	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	0.700	1.112	1.497	1.871	2.240	2.607	2.971	3.334	3.696	4.058	4 419	4.779	5 140	5.500	5.860	6.219	6.579	6.938	7.298	7.657	8.016	8.375	8.734	9.093	9.452	9.811	10.170	10.529	10.888	11.247
	RKB	(#)	0.000	100.000	200.000	300,000	400.000	500,000	000.009	700.000	800.000	900'006	1000.000	1100.000	1200.000	1300.000	1400.000	1500.000	1600.000	1700.000	1800.000	1900.000	2000.000	2100.000	2200.000	2300.000	2400.000	2500,000	2600.000	2700.000	2800.000	2900.000	3000.000
	Azimuth	(3)	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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Inclination /	(,)	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0000	0000	0.000	0.000	0.000	0.000	0.000	0.000	0000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	000'0	0.000	0000	0.000	0.000	0.000
3/20/24, 10:50 AM	Depth	(#)	0.000	100.000	200.000	300.000	400.000	500,000	000'009	700.000	800.000	000'006	1000.000	1100.000	1200.000	1300.000	1400.000	1500.000	1600.000	1700.000	1800.000	1900.000	2000.000	2100.000	2200.000	2300.000	2400.000	2500,000	2600.000	2700,000	2800.000	2900,000	3000.000
	eleas	ed t	o In	ıagi	ng:	9/6/.	2024	4 10	:36:	43 A	1 <i>M</i>																						

	129.579 MWD+IFR1+MS	129.591 MWD+IFR1+MS	129.603 MWD+IFR1+MS	129.613 MWD+IFR1+MS	129.623 MWD+IFR1+MS	129.633 MWD+IFR1+MS	129.642 MWD+IFR1+MS	128.123 MWD+IFR1+MS	120.708 MWD+IFR1+MS	115.227 MWD+IFR1+MS	111.313 MWD+IFR1+MS	108.508 MWD+IFR1+MS	106.465 MWD+IFR1+MS	104.954 MWD+IFR1+MS	104.247 MWD+IFR1+MS	104.243 MWD+IFR1+MS	104.450 MWD+IFR1+MS	104.805 MWD+IFR1+MS	104.934 MWD+IFR1+MS	105.001 MWD+IFR1+MS	104.530 MWD+IFR1+MS	103.545 MWD+IFR1+MS	102.674 MWD+IFR1+MS	101.903 MWD+IFR1+MS	101.222 MWD+IFR1+MS	100.621 MWD+IFR1+MS	100.092 MWD+IFR1+MS	100.080 MWD+IFR1+MS	100.101 MWD+IFR1+MS	100.205 MWD+IFR1+MS	100.372 MWD+IFR1+MS	100.537 MWD+IFR1+MS	100.701 MWD+IFR1+MS
	11.016	11.375	11.733	12.092	12.450	12.809	13.167	13.535	13.935	14.303	14.653	14.990	15.322	15.649	15.921	15.971	16.291	16.618	16.808	16.947	17.285	17.630	17.977	18.325	18.671	19.015	19.357	19,501	19.701	20.050	20.402	20.754	21.107
	11 992	12.352	12.712	13.071	13.431	13.790	14.150	14.486	14.985	15.499	16.015	16.528	17.032	17.525	17.886	17.932	18.219	18.521	18.691	18.818	19.209	19.697	20.187	20.676	21.163	21.646	22.123	22.252	22.433	22.747	23.066	23.386	23.708
ort	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	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	4.166 0.000	4.258 0.000	4.352 0.000	4.447 0.000	4.543 0.000	4.641 0.000	4.740 0.000	4.841 0.000	4.944 0.000	5.052 0.000	5.167 0.000	5.292 0.000	5.428 0.000	5.579 0.000	5.703 0.000	5.716 0.000	5.834 0.000	5.958 0.000	6.031 0.000	6.087 0.000	6.245 0.000	6.417 0.000	000'0 92'9	6.723 0.000	6.861 0.000	6.993 0.000	7.120 0.000	7.173 0.000	7.245 0.000	7.371 0.000	7.500 0.000	7.630 0.000	7.764 0.000
	11.422 0.000	11.781 0.000	12.140 0.000	12.499 0.000	12.858 0.000	13.217 0.000	13.576 0.000	14.061 -0.000	14.380 -0.000	14.700 -0.000	15.020 -0.000	15.341 -0.000	15.662 -0.000	15.984 -0.000	16.254 -0.000	16.303 -0.000	16.622 -0.000	16.954 -0.000	17.143 -0.000	17.281 -0.000	17.616 -0.000	17.960 -0.000	18.306 -0.000	18.652 -0.000	18.998 -0.000	19.342 -0.000	19.684 -0.000	19,591 0,000	19.790 0.000	20.140 0.000	20.494 0.000	20.848 0.000	21.202 0.000
	11.606 0.000	11.965 0.000	12.323 0.000	12.682 0.000	13.041 0.000	13.400 0.000	13.758 0.000	13.966 0.000	14.516 0.000	15.031 0.000	15.511 0.000	15.956 0.000	16.369 0.000	16.751 0.000	16.995 0.000	17.041 0.000	17.342 0.000	17.655 0.000	17.834 0.000	18.041 0.000	18.613 0.000	19.253 0.000	19.855 0.000	20.416 0.000	20.938 0.000	21.419 0.000	21.858 0.000	22.173 0.000	22.354 0.000	22.667 0.000	22.985 0.000	23.303 0.000	23.623 0.000
	3100.000	3200.000	3300 000	3400 000	3500.000	3600 000	3700.000	3799.971	3899.769	3999.221	4098.154	4196.397	4293.779	4390 133	4470.612	4485.307	4580.021	4674.734	4729.388	4769.565	4865.435	4962.404	5060.305	5158.967	5258.221	5357.894	5457.813	5500,000	5557.811	5657.811	5757.811	5857.811	5957.811
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	170.582	170.582	170.582	170.582	170.582	170.582	170.582	170.582	170.582	170.582	170.582	170.582	170.582	170.582	170.582	170.582	170.582	170.582	170.582	170.582	0000	0.000	0.000	0.000	0.000	0.000
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	2.385	4.771	7.156	9.542	11.927	14.312	16.698	18.713	18.713	18.713	18.713	18.713	17.704	15.319	12.933	10.548	8.163	5.777	3.392	1.006	0.000	0.000	0.000	0.000	0.000	0.000
3/20/24, 10:50 AM	3100.000	3200,000	3300.000	3400.000	3500.000	3600.000	3700.000	3800.000	3900.000	4000.000	4100.000	4200.000	4300.000	4400.000	4484.484	4500.000	4600.000	4700.000	4757.705	4800.000	4900.000	5000.000	5100.000	5200.000	5300.000	5400.000	5500.000	5542.189	2600.000	5700,000	5800.000	2900.000	000.0009
	eleas	ed t	o In	agi	ng:	9/6/.	202	4 10	:36:	43 2	1 <i>M</i>																						

	100.865 MWD+IFR1+MS	101.027 MWD+IFR1+MS	101.188 MWD+IFR1+MS	101.348 MWD+IFR1+MS	101.507 MWD+IFR1+MS	101.664 MWD+IFR1+MS	101.821 MWD+IFR1+MS	101.977 MWD+IFR1+MS	102.131 MWD+IFR1+MS	102.285 MWD+IFR1+MS	102.437 MWD+IFR1+MS	102.589 MWD+IFR1+MS	102.739 MWD+IFR1+MS	102.888 MWD+IFR1+MS	103.036 MWD+IFR1+MS	103.183 MWD+IFR1+MS	103.329 MWD+IFR1+MS	103.474 MWD+IFR1+MS	103.618 MWD+IFR1+MS	103.761 MWD+IFR1+MS	103.903 MWD+IFR1+MS	104.044 MWD+IFR1+MS	104.183 MWD+IFR1+MS	104.322 MWD+IFR1+MS	104.460 MWD+IFR1+MS	104.597 MWD+IFR1+MS	104.732 MWD+IFR1+MS	104.867 MWD+IFR1+MS	105.001 MWD+IFR1+MS	105.134 MWD+IFR1+MS	105.265 MWD+IFR1+MS	105.396 MWD+IFR1+MS	105.526 MWD+IFR1+MS
	21.459	21.812	22.164	22.517	22.870	23.224	23.577	23.930	24.284	24.637	24.991	25.345	25.699	26.053	26.407	26.761	27.115	27.470	27.824	28.179	28.533	28.888	29.243	29.598	29.952	30.307	30.662	31.017	31.372	31.727	32.083	32.438	32.793
	24.030	24.354	24 678	25.003	25.330	25.657	25.985	26.314	26.644	26.974	27.306	27 638	27 970	28.304	28.638	28.972	29.307	29.643	29.979	30.316	30.653	30.991	31.329	31.668	32.007	32.347	32.687	33.028	33.369	33.710	34.052	34 394	34.736
ort	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	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	7.899 0.000	8.037 0.000	8.177 0.000	8.320 0.000	8.465 0.000	8.613 0.000	8.763 0.000	8.916 0.000	9.072 0.000	9.230 0.000	9.390 0.000	9.554 0.000	9.720 0.000	9.888 0.000	10.060 0.000	10.234 0.000	10.411 0.000	10.591 0.000	10.773 0.000	10.958 0.000	11.146 0.000	11.337 0.000	11.531 0.000	11.727 0.000	11.927 0.000	12.129 0.000	12.335 0.000	12.543 0.000	12.754 0.000	12.968 0.000	13.185 0.000	13.405 0.000	13.627 0.000
	0.000	0.000	000.0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	000'0	000.0	0.000	0.000	0.000	0.000	0.000	0.000	0000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0000	0.000	0.000	0.000
	21.556	21.910	22.264	22.619	22.973	23.328	23.683	24.038	24.393	24.748	25.103	25.459	25.814	26.169	26.525	26.881	27.236	27.592	27.948	28.304	28.660	29.016	29 372	29 728	30.085	30.441	30.797	31.154	31.510	31.866	32.223	32.580	32.936
	23.943 0.000	24.265 0.000	24.588 0.000	24.912 0.000	25.237 0.000	25.562 0.000	25.889 0.000	26.216 0.000	26.544 0.000	26.873 0.000	27.203 0.000	27.533 0.000	27.864 0.000	28.196 0.000	28.528 0.000	28.861 0.000	29.195 0.000	29.529 0.000	29.864 0.000	30.199 0.000	30.535 0.000	30.871 0.000	31.208 0.000	31.545 0.000	31.883 0.000	32.221 0.000	32.560 0.000	32,899 0,000	33.239 0.000	33.579 0.000	33.919 0.000	34.259 0.000	34.600 0.000
	6057.811	6157.811	6257.811	6357.811	6457.811	6557.811	6657.811	6757.811	6857.811	6957.811	7057.811	7157.811	7257.811	7357.811	7457.811	7557.811	7657.811	7757.811	7857.811	7957.811	8057.811	8157.811	8257.811	8357.811	8457.811	8557.811	8657.811	8757.811	8857.811	8957.811	9057.811	9157.811	9257.811
	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	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	0000	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	0000	0.000	0.000	0.000	0.000	0.000	0000	0.000	0.000	0.000	0.000	0.000
3/20/24, 10:50 AM	6100.000	6200,000	6300.000	6400.000	6500.000	000'0099	000.0029	6800.000	000.0069	7000.000	7100.000	7200.000	7300.000	7400.000	7500.000	7600.000	7700.000	7800.000	7900.000	8000.000	8100.000	8200,000	8300.000	8400.000	8500.000	8600.000	8700.000	8800,000	8900.000	000.0006	9100.000	9200.000	9300.000
	eleas	ed t	o In	agi	ng:	9/6/.	2024	4 10	:36:	43 A	4 <i>M</i>																						

	105.655 MWD+IFR1+MS	105.782 MWD+IFR1+MS	105.909 MWD+IFR1+MS	106.035 MWD+IFR1+MS	106.160 MWD+IFR1+MS	106.284 MWD+IFR1+MS	106.407 MWD+IFR1+MS	106.529 MWD+IFR1+MS	106.651 MWD+IFR1+MS	106.771 MWD+IFR1+MS	106.848 MWD+IFR1+MS	106.848 MWD+IFR1+MS	104.657 MWD+IFR1+MS	100.897 MWD+IFR1+MS	99.183 MWD+IFR1+MS	98.304 MWD+IFR1+MS	97.857 MWD+IFR1+MS	97.675 MWD+IFR1+MS	97.675 MWD+IFR1+MS	97.807 MWD+IFR1+MS	98.031 MWD+IFR1+MS	98.304 MWD+IFR1+MS	98.570 MWD+IFR1+MS	98.595 MWD+IFR1+MS	98.803 MWD+IFR1+MS	99.075 MWD+IFR1+MS	99.384 MWD+IFR1+MS	99,735 MWD+IFR1+MS	100.134 MWD+IFR1+MS	100.590 MWD+IFR1+MS	101.112 MWD+IFR1+MS	101.713 MWD+IFR1+MS	102 407 MW/D+IEB1+MS
	33.148	33,504	33.859	34.215	34.570	34.926	35.281	35.637	35.993	36.348	36.657	36.702	37.050	37.408	37.743	38.061	38.361	38.642	38.901	39.138	39.350	39,535	39.693	39.709	39.834	39.992	40.164	40.349	40.547	40.757	40.980	41.213	41,458
	35.079	35.422	35.765	36.109	36.453	36.797	37.142	37.486	37.831	38.177	38.476	38.518	39.169	40.488	41.687	42.732	43.602	44.291	44.802	45.150	45.358	45.460	45.493	45.495	45.506	45.518	45.532	45,547	45.564	45.582	45.601	45.623	45.647
oort	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	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0000	0.000	0.000	0.000	0.000	0.000
Well Plan Report	13.853 0.000	14.082 0.000	14.314 0.000	14.549 0.000	14.786 0.000	15.027 0.000	15.271 0.000	15.518 0.000	15.768 0.000	16.020 0.000	16.243 0.000	16.276 0.000	16.550 0.000	16.933 0.000	17.495 0.000	18.284 0.000	19.316 0.000	20.579 0.000	22.036 0.000	23.634 0.000	25.318 0.000	27.027 0.000	28.706 0.000	28.729 0.000	28.868 0.000	29.040 0.000	29.233 0.000	29.446 0.000	29.678 0.000	29.929 0.000	30.198 0.000	30.484 0.000	30.789 0.000
	33.293 0.000	33.649 0.000	34.006 0.000	34.363 0.000	34.720 0.000	35.077 0.000	35.433 0.000	35.790 0.000	36.147 0.000	36.504 0.000	36.814 0.000	36.864 -0.000	37.196 -0.000	37.529 -0.000	37.856 -0.000	38.172 -0.000	38.474 -0.000	38.759 -0.000	39.024 -0.000	39.268 -0.000	39.486 -0.000	39.679 -0.000	39.842 -0.000	39.858 -0.000	39.987 -0.000	40.150 -0.000	40.327 -0.000	40.518 -0.000	40.723 -0.000	40.941 -0.000	41.172 -0.000	41.415 -0.000	41.672 -0.000
	34.942 0.000 33	35.283 0.000 33	35.625 0.000 34	35.968 0.000 34	36.310 0.000 34	36.653 0.000 35	36.997 0.000 35	37.340 0.000 35	37.684 0.000 36	38.028 0.000 36	38.326 0.000 36	38.382 0.000 36	38.854 0.000 37	39.461 0.000 37	39.456 0.000 37	38.884 0.000 38	37.818 0.000 38	36.354 0.000 38	34.625 0.000 39	32.798 0.000 39	31.082 0.000 39	29.718 0.000 39	28.946 0.000 39	28.729 0.000 39	28.868 0.000 39	29.040 0.000 40	29.233 0.000 40	29.446 0.000 40	29.678 0.000 40	29.929 0.000 40	30.198 0.000 41	30.484 0.000 41	30,789 0,000 41
	9357.811	9457.811	9557.811	9657.811	9757.811	9857.811	9957.811	10057.811	10157.811	10257.811	10344.800	10357.810	10457.343	10554.684	10647.941	10735.297	10815.053	10885.656	10945.732	10994.111	11029.852	11052.259	11060.897	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997
	0.000	0000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	179.664	179.664	179.664	179.664	179.664	179.664	179.664	179.664	179.664	179.664	179.664	179 664	179 664	179 664	179.664	179.664	179,664	179.664	179.664	179 664	179.664	179,664
	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.041	9.041	17.041	25.041	33.041	41.041	49.041	57.041	65.041	73.041	81.041	89.041	000'06	90.000	90.000	90.000	000'06	90.000	90.000	90.000	90.000	000.06
3/20/24, 10:50 AM	9400.000	9500,000	000'0096	9700.000	9800.000	000.0066	10000.000	10100.000	10200.000	10300.000	10386.989	10400.000	10500.000	10600.000	10700.000	10800,000	10900.000	11000.000	11100.000	11200.000	11300.000	11400.000	11500.000	11511.989	11600.000	11700.000	11800.000	11900,000	12000.000	12100.000	12200.000	12300.000	12400 000

Released to Imaging: 9/6/2024 10:36:43 AM

	103.215 MWD+IFR1+MS	104.164 MWD+IFR1+MS	105.285 MWD+IFR1+MS	106.624 MWD+IFR1+MS	108.238 MWD+IFR1+MS	110.203 MWD+IFR1+MS	112.616 MWD+IFR1+MS	115.596 MWD+IFR1+MS	119.267 MWD+IFR1+MS	123.728 MWD+IFR1+MS	128.965 MWD+IFR1+MS	134.763 MWD+IFR1+MS	-39.305 MWD+IFR1+MS	-33.726 MWD+IFR1+MS	-28.837 MWD+IFR1+MS	-24.747 MWD+IFR1+MS	-21.408 MWD+IFR1+MS	-18.700 MWD+IFR1+MS	-16.500 MWD+IFR1+MS	-14.697 MWD+IFR1+MS	-13.205 MWD+IFR1+MS	-11.957 MWD+IFR1+MS	-10.902 MWD+IFR1+MS	-10.002 MWD+IFR1+MS	-9.226 MWD+IFR1+MS	-8.552 MWD+IFR1+MS	-7.963 MWD+IFR1+MS	-7.443 MWD+IFR1+MS	-6.981 MWD+IFR1+MS	-6.570 MWD+IFR1+MS	-6.200 MWD+IFR1+MS	-5.867 MWD+IFR1+MS	-5.566 MWD+IFR1+MS
	41.714	41 979	42.253	42.534	42.822	43.115	43.409	43.701	43.986	44.259	44.510	44.733	44.922	45.077	45.203	45.305	45.389	45.459	45.520	45.574	45.623	45.668	45.711	45.751	45.790	45.827	45.864	45,900	45.936	45.971	46.007	46.042	46.078
	45.673	45.702	45 735	45.772	45 815	45 866	45 926	45.999	46.090	46.206	46.352	46.538	46.766	47 039	47.351	47.695	48.067	48.461	48.874	49.301	49.742	50.194	50 657	51 130	51.611	52.101	52.599	53,104	53.615	54 134	54.659	55 190	55.727
ort	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	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	31.110 0.000	31.447 0.000	31.800 0.000	32.168 0.000	32.551 0.000	32.949 0.000	33.360 0.000	33.784 0.000	34.221 0.000	34.671 0.000	35.132 0.000	35.604 0.000	36.087 0.000	36.581 0.000	37.085 0.000	37.598 0.000	38.121 0.000	38.653 0.000	39.193 0.000	39.741 0.000	40.297 0.000	40.860 0.000	41.431 0.000	42.009 0.000	42.593 0.000	43.184 0.000	43.781 0.000	44.383 0.000	44.991 0.000	45.605 0.000	46.224 0.000	46.847 0.000	47.476 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	-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
	41.941	42.222	42.515	42.819	43.135	43 463	43.801	44.150	44.509	44.879	45.258	45.647	46.046	46.453	46.870	47.296	47.730	48.172	48.622	49.080	49.546	50.019	50 499	50.986	51.480	51.981	52.488	53,001	53.520	54.045	54.576	55.112	55.653
	31.110 0.000	31.447 0.000	31.800 0.000	32.168 0.000	32.551 0.000	32.949 0.000	33.360 0.000	33.784 0.000	34.221 0.000	34.671 0.000	35.132 0.000	35.604 0.000	36.087 0.000	36.581 0.000	37.085 0.000	37.598 0.000	38.121 0.000	38.653 0.000	39.193 0.000	39.741 0.000	40.297 0.000	40.860 0.000	41.431 0.000	42.009 0.000	42.593 0.000	43.184 0.000	43.781 0.000	44.383 0.000	44.991 0.000	45.605 0.000	46.224 0.000	46.847 0.000	47.476 0.000
	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997
	179.664	179 664	179 664	179 664	179 664	179 664	179 664	179.664	179.664	179.664	179 664	179.664	179.664	179 664	179.664	179.664	179.664	179.664	179.664	179.664	179.664	179.664	179 664	179 664	179 664	179.664	179.664	179,664	179.664	179 664	179.664	179 664	179.664
	90.000	90.000	000'06	90.000	90.000	90.000	90.000	90.000	90.000	90.000	90.000	000'06	000.06	90.000	000.06	000.06	90.000	90.000	90.000	000'06	90.000	000'06	90.000	90.000	90.000	90.000	90.000	000'06	90.000	90.000	90.000	90.000	90.000
3/20/24, 10:50 AM	12500.000	12600.000	12700.000	12800.000	12900.000	13000.000	13100.000	13200.000	13300.000	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	15400.000	15500.000	15600.000	15700.000
	eleas	ed t	o In	agi	ng:	9/6/.	202	4 10	:36:	43 2	4 <i>M</i>																						

90.000	179.664	11060.997	48.109 0.000	56.200 -0.000	Well Plan Report 48.109 0.000 48.747 0.000	0.000 0.000 0.000	56.269	46.113	-5.292 MWD+IFR1+MS -5.042 MWD+IFR1+MS
179.664	4	11060.997				0.000	57.371	46.185	
179.664	4	11060.997	50.034 0.000	57.871 -0.000	50.034 0.000	0.000	57.929	46.221	-4.602 MWD+IFR1+MS
179.664	4	11060.997				0.000	58.492	46.257	
179.664	64	11060.997				0.000	29.060	46.294	
179.664	9	11060.997	51.995 0.000	59.583 -0.000	51.995 0.000	0.000	59.632	46.331	-4.063 MWD+IFR1+MS
179.664	994	11060.997	52.655 0.000	60.162 -0.000	52.655 0.000	0.000	60.209	46.368	-3.909 MWD+IFR1+MS
179.664	364	11060.997	53.319 0.000	60.745 -0.000	53.319 0.000	0.000	60.791	46.406	-3.766 MWD+IFR1+MS
179.664	994	11060 997	53.987 0.000	61.333 -0.000	53.987 0.000	0.000	61.376	46.444	-3.632 MWD+IFR1+MS
179 664	364	11060 997	54.657 0.000	61.924 -0.000	54.657 0.000	0.000	61 966	46.482	-3.507 MWD+IFR1+MS
179.664	994	11060.997	55.331 0.000	62.519 -0.000	55.331 0.000	0.000	62.559	46.521	-3.389 MWD+IFR1+MS
179.664	964	11060.997	56.007 0.000	63.118 -0.000	56.007 0.000	0.000	63.156	46.560	-3.280 MWD+IFR1+MS
179.664	364	11060.997	56.686 0.000	63.720 -0.000	56.686 0.000	0.000	63.757	46.600	-3.176 MWD+IFR1+MS
179.664	364	11060 997	57.368 0.000	64.326 -0.000	57.368 0.000	0.000	64 361	46.640	-3.079 MWD+IFR1+MS
179.664	364	11060 997	58.052 0.000	64.935 -0.000	58.052 0.000	0.000	64 969	46 681	-2.987 MWD+IFR1+MS
179.664	364	11060.997	58.739 0.000	65.548 -0.000	58.739 0.000	0.000	65.580	46.722	-2.901 MWD+IFR1+MS
179.664	664	11060.997	59.428 0.000	66.164 -0.000	59.428 0.000	0.000	66.195	46.763	-2.819 MWD+IFR1+MS
179.664	664	11060.997	60.120 0.000	66.782 -0.000	60.120 0.000	0.000	66.812	46.805	-2.741 MWD+IFR1+MS
179.664	664	11060.997	60.814 0.000	67.404 -0.000	60.814 0.000	0.000	67.433	46.848	-2.668 MWD+IFR1+MS
179.664	664	11060.997	61.510 0.000	68.029 -0.000	61.510 0.000	0.000	68.057	46.891	-2.598 MWD+IFR1+MS
179	179.664	11060.997	62.208 0.000	68.656 -0.000	62.208 0.000	0.000	68.683	46.934	-2.532 MWD+IFR1+MS
179	179.664	11060.997	62.909 0.000	69.287 -0.000	62.909 0.000	0.000	69.313	46.978	-2.469 MWD+IFR1+MS
179.	179 664	11060 997	63.611 0.000	69.920 -0.000	63.611 0.000	0.000	69 945	47 022	-2.409 MWD+IFR1+MS
179.664	664	11060.997	64.315 0.000	70.556 -0.000	64.315 0.000	0.000	70.580	47.067	-2.352 MWD+IFR1+MS
179.664	664	11060.997	65.021 0.000	71.194 -0.000	65.021 0.000	0.000	71.217	47.112	-2.298 MWD+IFR1+MS
179.664	664	11060.997	65.729 0.000	71.835 -0.000	65.729 0.000	0.000	71.857	47.157	-2.246 MWD+IFR1+MS
179.664	994	11060.997	66.438 0.000	72.478 -0.000	66,438 0.000	0.000	72.500	47.204	-2.196 MWD+IFR1+MS
179.664	364	11060.997	67.150 0.000	73.123 -0.000	67.150 0.000	0.000	73.145	47 250	-2.148 MWD+IFR1+MS
179.664	364	11060 997	67.862 0.000	73.771 -0.000	67.862 0.000	0.000	73.792	47 297	-2.103 MWD+IFR1+MS
179.664	964	11060.997	68.577 0.000	74.421 -0.000	68.577 0.000	0.000	74.441	47 345	-2.059 MWD+IFR1+MS
179.664	664	11060.997	69.293 0.000	75.073 -0.000	69.293 0.000	0.000	75.093	47.393	-2.018 MWD+IFR1+MS
179.664	994	11060.997	70.010 0.000	75.728 -0.000	70.010 0.000	0.000	75.747	47.441	-1.978 MWD+IFR1+MS

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	-1.939 MWD+IFR1+MS	-1.902 MWD+IFR1+MS	-1.867 MWD+IFR1+MS	-1.833 MWD+IFR1+MS	-1.800 MWD+IFR1+MS	-1.768 MWD+IFR1+MS	-1.737 MWD+IFR1+MS	-1.708 MWD+IFR1+MS	-1.680 MWD+IFR1+MS	-1.652 MWD+IFR1+MS	-1.626 MWD+IFR1+MS	-1.600 MWD+IFR1+MS	-1.576 MWD+IFR1+MS	-1.552 MWD+IFR1+MS	-1.529 MWD+IFR1+MS	-1.506 MWD+IFR1+MS	-1.484 MWD+IFR1+MS	-1.463 MWD+IFR1+MS	-1.443 MWD+IFR1+MS	-1.423 MWD+IFR1+MS	-1.404 MWD+IFR1+MS	-1.386 MWD+IFR1+MS	-1.368 MWD+IFR1+MS	-1.350 MWD+IFR1+MS	-1.333 MWD+IFR1+MS	-1.317 MWD+IFR1+MS	-1.301 MWD+IFR1+MS	-1.285 MWD+IFR1+MS	-1.270 MWD+IFR1+MS	-1.255 MWD+IFR1+MS	-1.241 MWD+IFR1+MS	-1.227 MWD+IFR1+MS	-1.213 MWD+IFR1+MS
	47.490	47.540	47.590	47.640	47.691	47.742	47.794	47.846	47.899	47.952	48.006	48.060	48.115	48.170	48.225	48.281	48.338	48.395	48.452	48.510	48.568	48.627	48.686	48.746	48.806	48.867	48.928	48.989	49.051	49.114	49.177	49.240	49.304
	76.402	77.060	77 720	78.382	79 046	79 711	80.379	81.048	81.719	82.391	83.065	83.741	84.418	85.097	85.777	86.458	87.141	87.826	88.512	89.199	89.887	90.576	91.267	91.959	92.652	93.347	94.042	94.738	95.436	96.134	96.834	97.535	98.236
ort	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	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	70.729 0.000	71.449 0.000	72.171 0.000	72.894 0.000	73.618 0.000	74.343 0.000	75.070 0.000	75.797 0.000	76.526 0.000	77.256 0.000	77.987 0.000	78.719 0.000	79.452 0.000	80.186 0.000	80.921 0.000	81.657 0.000	82.394 0.000	83.132 0.000	83.870 0.000	84.610 0.000	85.350 0.000	86.091 0.000	86.832 0.000	87.575 0.000	88.318 0.000	89.062 0.000	89.807 0.000	90.552 0.000	91.298 0.000	92.045 0.000	92.792 0.000	93.540 0.000	94.288 0.000
	76.384 -0.000	77.042 -0.000	77.703 -0.000	78.365 -0.000	79.029 -0.000	79.695 -0.000	80.363 -0.000	81.033 -0.000	81.704 -0.000	82.377 -0.000	83.051 -0.000	83.727 -0.000	84.405 -0.000	85.084 -0.000	85.764 -0.000	86.446 -0.000	87.129 -0.000	87.814 -0.000	88.500 -0.000	89.187 -0.000	89.876 -0.000	90.566 -0.000	91.257 -0.000	91.949 -0.000	92.642 -0.000	93.337 -0.000	94.032 -0.000	94.729 -0.000	95.427 -0.000	96.125 -0.000	96.825 -0.000	97.526 -0.000	98.227 -0.000
	70.729 0.000	71.449 0.000	72.171 0.000	72.894 0.000	73.618 0.000	74.343 0.000	75.070 0.000	75.797 0.000	76.526 0.000	77.256 0.000	77.987 0.000	78.719 0.000	79.452 0.000	80.186 0.000	80.921 0.000	81.657 0.000	82.394 0.000	83.132 0.000	83.870 0.000	84.610 0.000	85.350 0.000	86.091 0.000	86.832 0.000	87.575 0.000	88.318 0.000	89.062 0.000	89.807 0.000	90.552 0.000	91.298 0.000	92.045 0.000	92.792 0.000	93.540 0.000	94.288 0.000
	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997	11060.997
	179.664	179 664	179 664	179 664	179.664	179 664	179 664	179.664	179.664	179.664	179 664	179.664	179.664	179.664	179.664	179 664	179.664	179.664	179.664	179.664	179.664	179 664	179 664	179 664	179.664	179.664	179.664	179.664	179.664	179 664	179.664	179.664	179.664
	90.000	000'06	000'06	90.000	90.000	000.06	90.000	90.000	90.000	90.000	90.000	000.06	000'06	90.000	90.000	000'06	90.000	90.000	90.000	90.000	90.000	000'06	000.06	000.06	90.000	90.000	90.000	90.000	90.000	000'06	90.000	90.000	90.000
3/20/24, 10:50 AM	19100.000	19200.000	19300.000	19400.000	19500.000	19600.000	19700.000	19800.000	19900.000	20000.000	20100.000	20200.000	20300.000	20400.000	20500.000	20600.000	20700.000	20800.000	20900.000	21000.000	21100.000	21200.000	21300.000	21400.000	21500.000	21600.000	21700.000	21800.000	21900.000	22000.000	22100.000	22200.000	22300.000
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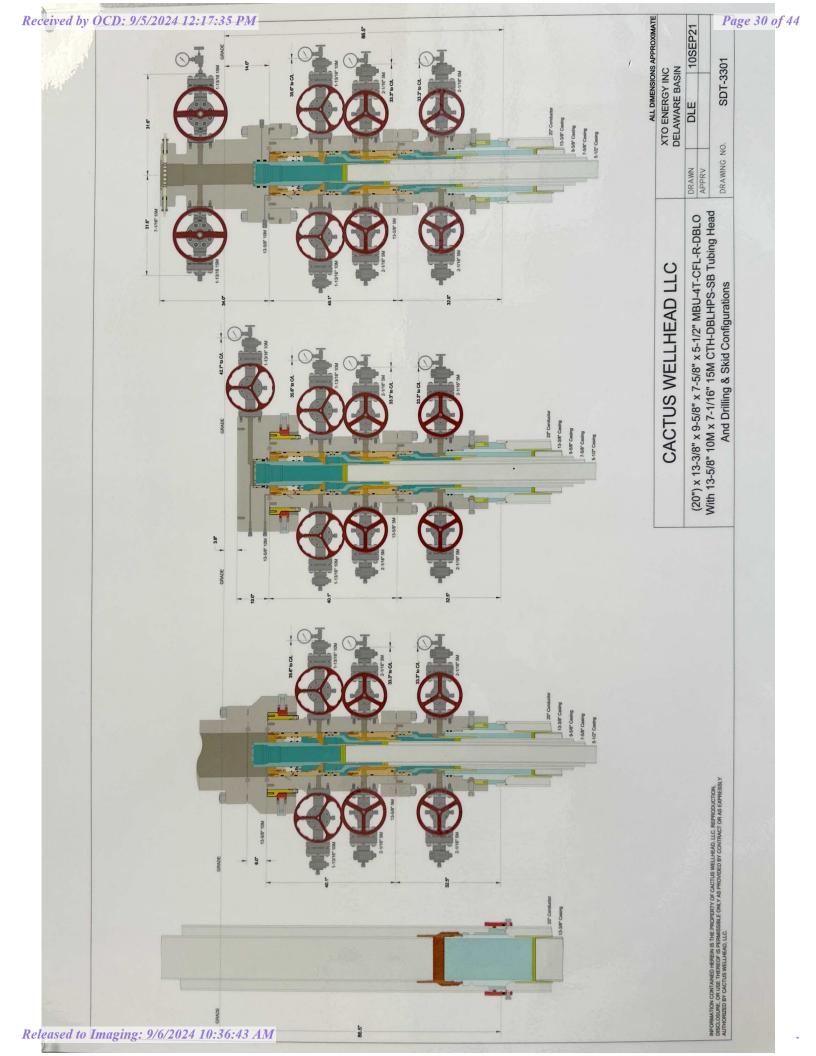
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BHL 11

LTP 11

3/20/24, 10:50 AM								×	Well Plan Report	ť			
22400.000	90.000	179.664	11060.997	95.037	95.037 0.000	98.930 -0.000	-0.000	95.037	0.000	0.000	98.939	49.368	-1.200 MWD+IFR1+MS
22500.000	000'06	179.664	11060.997	95.787	95.787 0.000	99.634 -0.000	-0.000	95.787	0.000	0.000	99,642	49.432	-1.187 MWD+IFR1+MS
22600.000	000'06	179.664	11060.997	96.537	0.000	100.338	-0.000	96.537	0.000	0.000	100.346	49.497	-1.175 MWD+IFR1+MS
22700.000	000'06	179.664	11060.997	97.288	0.000	101.044 -0.000	-0.000	97.288	0.000	0.000	101,052	49.563	-1.162 MWD+IFR1+MS
22800.000	000'06	179.664	11060.997	98.039	0.000	101.750	-0.000	98.039	0.000	0.000	101.758	49.629	-1.150 MWD+IFR1+MS
22900.000	90.000	179.664	11060.997	98.791	0.000	102.457	-0.000	98.791	0.000	0.000	102,465	49.695	-1.139 MWD+IFR1+MS
23000.000	90.000	179.664	11060.997	99.543	00000	103.165	-0.000	99.543	0.000	0.000	103.172	49.762	-1.127 MWD+IFR1+MS
23100.000	90.000	179.664	11060.997	100.296 0.000	0.000	103.874	-0.000	100.296	0.000	0.000	103.881	49.829	-1.116 MWD+IFR1+MS
23200.000	90.000	179.664	11060.997	101.049 0.000	00000	104.583	-0.000	101.049	0.000	0.000	104.590	49.897	-1.105 MWD+IFR1+MS
23300.000	90.000	179.664	11060.997	101.803 0.000	0.000	105.293		-0.000 101.803	0.000	0.000	105.301	49.965	-1.095 MWD+IFR1+MS
23400.000	90.000	179.664	11060.997	102.557 0.000	0.000	106.005	-0.000	102.557	0.000	0.000	106.012	50.033	-1.084 MWD+IFR1+MS
23500.000	000'06	179.664	11060.997	103.312 0.000	00000	106.716	-0.000	103.312	0.000	0.000	106.723	50.102	-1.074 MWD+IFR1+MS
23600.000	90.000	179.664	11060.997	104.067 0.000	000'0	107.429	-0.000	104.067	0.000	0.000	107.436	50.171	-1.064 MWD+IFR1+MS
23700.000	90.000	179.664	11060.997	104.823 0.000	00000	108.142	-0.000	104.823	0.000	0.000	108.149	50.241	-1.055 MWD+IFR1+MS
23780.610	90.000	179.664	11060.997	105.431 0.000	00000	108.717	-0.000	105.431	0.000	0.000	108.724	50.298	-1.047 MWD+IFR1+MS
23800.000	90.000	179.664	11060.997	105.578 0.000	000'0	108.855	-0.000	105 578	0.000	0.000	108.862	50.311	-1.045 MWD+IFR1+MS
23870.366	90.000	179.664	11060.997	106.109 0.000	0.000	109.357	-0.000	106.109	0.000	0.000	109.363	50.361	-1.039 MWD+IFR1+MS
Plan Targets		_	Poker Lake Unit 21 DTD South 1	Init 21 DTE	South	128H							
			Š	Measured Depth	epth		Grid	Grid Northing	_	Grid Easting	sting	TVD MSL	TVD MSL Target Shape
Target Name					(£)			(ff)	_		(#)	(#)	
FTP 11				112	11202.44		7	440452.10	-	6410	641065.50	7631.00	7631.00 RECTANGLE
SHL 5				:26	9736.15		7	440755.18	8	6406	640922.42	5902.00 F	RECTANGLE



$^{\prime}$ all) P110 RY USS-FREEDOM HTQ $^{ ext{@}}$

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
ECTION AREA	Pipe	USS-FREEDOM HTQ [®]	
Critical Area	5.828	5.828	sq. in.
Joint Efficiency	_	100.0	%
ERFORMANCE	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
IAKE-UP DATA	Pipe	USS-FREEDOM HTQ [®]	
Make-Up Loss		4.13	in.
Minimum Make-Up Torque [3]		15,000	ft-Ib
Maximum Make-Up Torque [3]		21,000	ft-Ib
Maximum Operating Torque[3]		29,500	ft-Ib

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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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.	<u></u>
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	Ib	
Compression Rating		641,000	Ib	
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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10,000 PSI Annular BOP Variance Request

XTO Energy/XTO Permian Op. request a variance to use a 5000 psi annular BOP with a 10,000 psi BOP stack. The component and compatibility tables along with the general well control plans demonstrate how the 5000 psi annular BOP will be protected from pressures that exceed its rated working pressure (RWP). The pressure at which the control of the wellbore is transferred from the annular preventer to another available preventer will not exceed 3500 psi (70% of the RWP of the 5000 psi annular BOPL).

1. Component and Preventer Compatibility Tables

The tables below outline the tubulars and the compatible preventers in use. This table, combined with the drilling fluid, documents that two barriers to flow will be maintained at all times.

8-1/2" Production Hole Section 10M psi Requirement								
Component	OD	Primary Preventer	RWP	Alternate Preventer(s)	RWP			
Drillpipe	5.000" or 4.500"	Annular	5M	Upper 3.5"-5.5" VBR Lower 3.5"-5.5" VBR	10M 10M			
HWDP	5.000" or 4.500"	Annular	5M	Upper 3.5"-5.5" VBR Lower 3.5"-5.5" VBR	10M 10M			
Jars	6.500"	Annular	5M	-	-			
DCs and MWD tools	6.500"-8.000"	Annular	5M	-	-			
Mud Motor	6.750"-8.000"	Annular	5M	-	-			
Production Casing	5-1/2"	Annular	5M	-	-			
Open-Hole	-	Blind Rams	10M	-	-			

2. Well Control Procedures

Below are the minimal high-level tasks prescribed to assure a proper shut-in while drilling, tripping, running casing, pipe out of the hole (open hole), and moving the BHA through the BOPs. At least one well control drill will be performed weekly per crew to demonstrate compliance with the procedure and well control plan. The well control drill will be recorded in the daily drilling log. The type of drill will be determined by the ongoing operations, but reasonable attempts will be made to vary the type of drill conducted (pit, trip, open hole, choke, etc.). This well control plan will be available for review by rig personnel in the XTO Energy/Permian Operating drilling supervisor's office on location and on the rig floor. All BOP equipment will be tested as per 43.CFR.3172 with the exception of the 5000 psi annular which will be tested to 70% of its RWP.

General Procedure While Drilling

- 1. Sound alarm (alert crew)
- 2. Space out drill string
- 3. Shut down pumps (stop pumps and rotary)
- 4. Shut-in well (uppermost applicable BOP, typically annular preventer, first. HCR & choke will already be in the closed position.)
- 5. Confirm shut-in
- 6. Notify toolpusher/company representative
- 7. Read and record the following:
 - a. SIDPP & SICP
 - b. Pit gain
 - c. Time
- 8. Regroup and identify forward plan

9. If pressure has built or is anticipated during the kill to reach 70% or greater of the RWP of the annular preventer, confirm spacing and close the upper variable bore rams.

General Procedure While Tripping

- 1. Sound alarm (alert crew)
- 2. Stab full-opening safety valve & close
- 3. Space out drill string
- 4. Shut-in well (uppermost applicable BOP, typically annular preventer, first. HCR & choke will already be in the closed position.)
- 5. Confirm shut-in
- 6. Notify toolpusher/company representative
- 7. Read and record the following:
 - a. SIDPP & SICP
 - b. Pit gain
 - c. Time
- 8. Regroup and identify forward plan
- 9. If pressure has built or is anticipated during the kill to reach 70% of the RWP of the annular preventer, confirm spacing and close the upper variable bore rams.

General Procedure While Running Production Casing

- a. Sound alarm (alert crew)
- b. Stab crossover and full-opening safety valve and close
- c. Space out string
- d. Shut-in well (uppermost applicable BOP, typically annular preventer, first. HCR & choke will already be in the closed position.)
- e. Confirm shut-in
- f. Notify toolpusher/company representative
- g. Read and record the following:
 - a. SIDPP & SICP
 - b. Pit gain
 - c. Time
- h. Regroup and identify forward plan
- i. If pressure has built or is anticipated during the kill to reach 70% or greater of the RWP of the annular preventer, confirm spacing and close the upper variable bore rams.

General Procedure With No Pipe In Hole (Open Hole)

- 1. Sound alarm (alert crew)
- 2. Shut-in with blind rams (HCR & choke will already be in the closed position)
- 3. Confirm shut-in
- 4. Notify toolpusher/company representative
- 5. Read and record the following:
 - a. SICP
 - b. Pit gain
 - c. Time
- 6. Regroup and identify forward plan

General Procedures While Pulling BHA Through Stack

- 1. PRIOR to pulling last joint of drillpipe through stack:
 - a. Perform flow check. If flowing, continue to (b).
 - b. Sound alarm (alert crew)
 - c. Stab full-opening safety valve and close
 - d. Space out drill string with tool joint just beneath the upper variable bore rams
 - e. Shut-in using upper variable bore rams (HCR & choke will already be in the closed position)
 - f. Confirm shut-in
 - g. Notify toolpusher/company representative
 - h. Read and record the following:
 - i. SIDPP & SICP
 - ii. Pit gain
 - iii. Time
 - i. Regroup and identify forward plan
- 2. With BHA in the stack and compatible ram preventer and pipe combination immediately available:
 - a. Sound alarm (alert crew)
 - b. Stab crossover and full-opening safety valve and close
 - c. Space out drill string with upset just beneath the upper variable bore rams
 - d. Shut-in using upper variable bore rams (HCR & choke will already be in the closed position)
 - e. Confirm shut-in
 - f. Notify toolpusher/company representative
 - g. Read and record the following:
 - i. SIDPP & SICP
 - ii. Pit gain
 - iii. Time

- h. Regroup and identify forward plan
- 3. With BHA in the stack and NO compatible ram preventer and pipe combination immediately available:
 - a. Sound alarm (alert crew)
 - b. If possible, pull string clear of the stack and follow "Open Hole" procedure.
 - c. If impossible to pull string clear of the stack:
 - d. Stab crossover, make up one joint/stand of drillpipe and full-opening safety valve and close
 - e. Space out drill string with tooljoint just beneath the upper variable bore ram
 - f. Shut-in using upper variable bore ram (HCR & choke will already be in the closed position)
 - g. Confirm shut-in
 - h. Notify toolpusher/company representative
 - i. Read and record the following:
 - i. SIDPP & SICP
 - ii. Pit gain
 - iii. Time
 - j. Regroup and identify forward plan



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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.

CUSTOM	ER:
--------	-----

NABORS DRILLING TECHNOLOGIES USA DBA NABORS DRILLING USA

CUSTOMER P.O.#:

15582803 (TAG NABORS PO #15582803 SN 74621 ASSET 66-1531)

CUSTOMER P/N:

IMR RETEST SN 74621 ASSET #66-1531

PART DESCRIPTION:

RETEST OF CUSTOMER 3" X 45 FT 16C CHOKE & KILL HOSE ASSEMBLY C/W 4 1/16" 10K

FLANGES

SALES ORDER #:

529480

QUANTITY:

- 1

SERIAL #:

74621 H3-012524-1

SIGNATURE: F. 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:

74621/66-1531

Description:

74621/66-1531

Sales order #:

529480

Customer reference:

FG1213

Hose ID: Part number: 3" 16C CK

TEST INFORMATION

Test procedure:

GTS-04-053

15000.00 psi Fitting 1: Part number: 3.0 x 4-1/16 10K

Test pressure: Test pressure hold:

3600.00

Description:

Work pressure:

10000.00

sec psi

Fitting 2:

3.0 x 4-1/16 10K

Work pressure hold: Length difference:

900.00 0.00

sec %

Part number: Description:

Length difference:

0.00

inch

Length:

45

feet

Visual check:

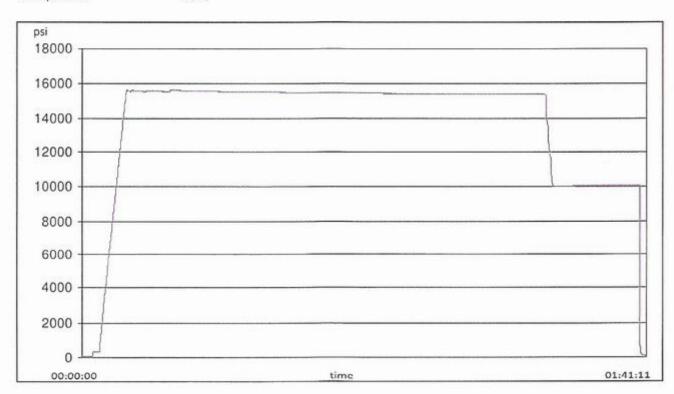
Pressure test result:

PASS

Length measurement result:

Test operator:

Travis





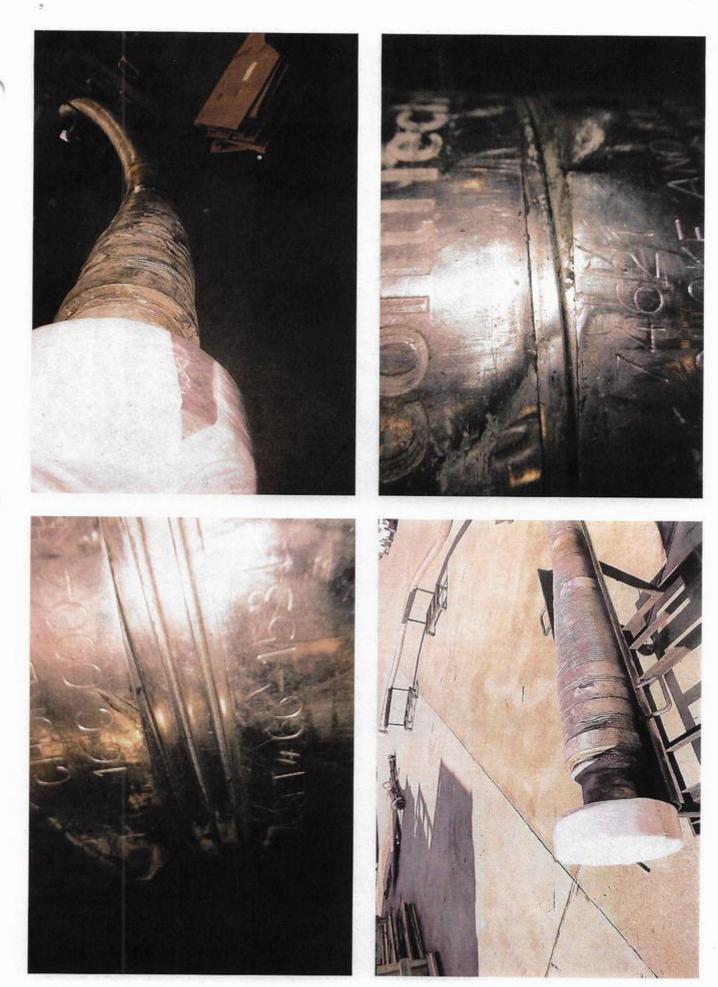
H3-15/16

1/25/2024 11:48:06 AM

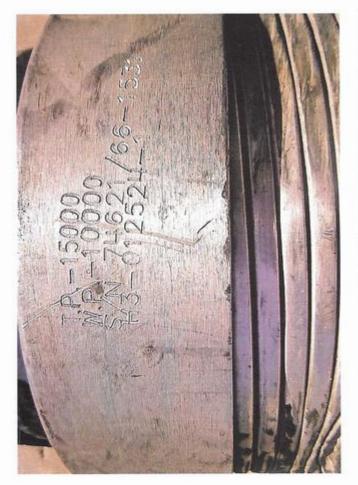
TEST REPORT

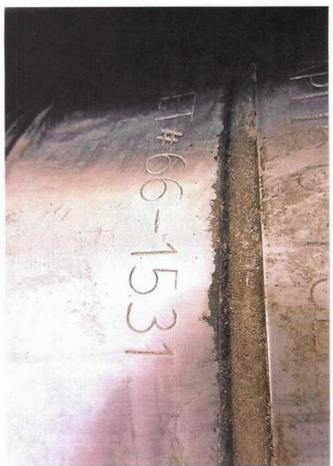
GAUGE TRACEABILITY

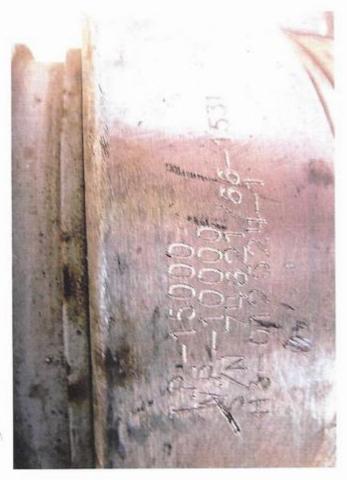
Serial number	Calibration date	Calibration due date	
110D3PHO	2023-06-06	2024-06-06	
110IQWDG	2023-05-16	2024-05-16	
	110D3PHO	110D3PHO 2023-06-06	



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

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

CONDITIONS

Action 381001

CONDITIONS

Operator:	OGRID:
XTO PERMIAN OPERATING LLC.	373075
6401 HOLIDAY HILL ROAD	Action Number:
MIDLAND, TX 79707	381001
	Action Type:
	[C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	All original COA's still Additionally, if cement is not circulated to surface during cementing operations, then a CBL is required.	9/6/2024
ward.rikala	Operator must comply with all R-111-Q requirements.	9/6/2024