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

Sundry Print Report

12/28/2023

Well Name: POKER LAKE UNIT 22 DTD	**Well Location:** T24S / R30E / SEC 22 / NENW /	**County or Parish/State:**
Well Number: 182H	**Type of Well:** CONVENTIONAL GAS WELL	**Allottee or Tribe Name:**
Lease Number: NMNM068905	**Unit or CA Name:**	**Unit or CA Number:**
US Well Number: 3001549886	**Well Status:** Approved Application for Permit to Drill	**Operator:** XTO PERMIAN OPERATING LLC

Notice of Intent

Sundry ID: 2761880

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 11/16/2023

Time Sundry Submitted: 11:49

Date proposed operation will begin: 11/27/2023

Procedure Description: XTO Permian Operating LLC. respectfully requests approval to make changes to the Approved APD as follows: SHL, BHL, FTP, LTP and Directional Drilling Plan. SHL: FROM: 203’ FNL & 1596’ FWL TO: 13’ FNL & 2084’ FWL of Section 22-T24S-R30E BHL: FROM: 198’ FNL & 1769’ FWL TO: 50’ FNL & 2560’ FEL of Section 3-T24S-R30E FTP: FROM: 100’ FNL & 1770’ FWL TO: 500’ FNL & 2560’ FEL of Section 22-T24S-R30E LTP: FROM: 328’ FNL & 1769’ FWL TO: 330’ FNL & 2560’ FEL of Section 3-T24S-R30E ATTACHMENTS: New C-102, Directional Plan, Wellhead Design

NOI Attachments

Procedure Description

POKER_LAKE_UNIT_22_DTD_182H_C_102_signed_11_10_2023_20231214155305.pdf

Poker_Lake_Unit_22_DTD_182_sundry_attachments_11_16_2023_20231116114911.pdf

Well Name: POKER LAKE UNIT 22 DTD

Well Location: T24S / R30E / SEC 22 / NENW /

County or Parish/State:

Well Number: 182H

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMNM068905

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001549886

Well Status: Approved Application for Permit to Drill

Operator: XTO PERMIAN OPERATING LLC

Conditions of Approval

Additional

Sec_22_24S_30E_NMP_Sundry_2761880_Poker_Lake_Unit_22_DTD_182H_COAs_20231226114053.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: RANELL (RUSTY) KLEIN

Signed on: DEC 14, 2023 03:53 PM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 HOLIDAY HILL ROAD BLDG 5

City: MIDLAND **State:** TX

Phone: (432) 620-6700

Email address: RANELL.KLEIN@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: 12/28/2023

Signature: Chris Walls

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

5. Lease Serial No. NMLC068905

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

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

8. Well Name and No. POKER LAKE UNIT 22 DTD/182H

2. Name of Operator XTO PERMIAN OPERATING LLC

9. API Well No. 3001549886

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

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

10. Field and Pool or Exploratory Area WILDCAT G-06 S243026M/BONE SPRING

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)* SEC 22/T24S/R30E/NMP

11. Country or Parish, State EDDY/NM

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

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

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

XTO Permian Operating LLC. respectfully requests approval to make changes to the Approved APD as follows: SHL, BHL, FTP, LTP and Directional Drilling Plan.

SHL: FROM: 203 FNL & 1596 FWL TO: 13 FNL & 2084 FWL of Section 22-T24S-R30E
BHL: FROM: 198 FNL & 1769 FWL TO: 50 FNL & 2560 FEL of Section 3-T24S-R30E
FTP: FROM: 100 FNL & 1770 FWL TO: 500 FNL & 2560 FEL of Section 22-T24S-R30E
LTP: FROM: 328 FNL & 1769 FWL TO: 330 FNL & 2560 FEL of Section 3-T24S-R30E

ATTACHMENTS: New C-102, Directional Plan, Wellhead Design

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)* RANELL (RUSTY) KLEIN / Ph: (432) 620-6700

Title Regulatory Analyst

Signature (Electronic Submission)

Date 12/14/2023

THE SPACE FOR FEDERAL OR STATE OFICE USE

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

Title Petroleum Engineer

Date 12/28/2023

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office CARLSBAD

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

(Instructions on page 2)

GENERAL INSTRUCTIONS

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

SPECIFIC INSTRUCTIONS

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

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

NOTICES

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

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

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

Additional Information

Location of Well

0. SHL: NENW / 203 FNL / 1596 FWL / TWSP: 24S / RANGE: 30E / SECTION: 22 / LAT: 32.209972 / LONG: -103.872427 (TVD: 0 feet, MD: 0 feet)

PPP: SWNE / 100 FSL / 1577 FWL / TWSP: 24S / RANGE: 30E / SECTION: 15 / LAT: 32.210805 / LONG: -103.872488 (TVD: 12253 feet, MD: 15225 feet)

PPP: SESW / 100 FSL / 1770 FEL / TWSP: 24S / RANGE: 30E / SECTION: 15 / LAT: 32.210809 / LONG: -103.871864 (TVD: 12253 feet, MD: 12585 feet)

PPP: NWNE / 300 FNL / 313 FWL / TWSP: 24S / RANGE: 30E / SECTION: 10 / LAT: 32.253158 / LONG: -103.876545 (TVD: 12253 feet, MD: 17865 feet)

BHL: LOT 3 / 198 FNL / 1769 FWL / TWSP: 24S / RANGE: 30E / SECTION: 3 / LAT: 32.253528 / LONG: -103.871835 (TVD: 12253 feet, MD: 28125 feet)

PECOS DISTRICT
DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME:	XTO Permian Operating LLC
WELL NAME & NO.:	Poker Lake Unit 22 DTD 182H
LOCATION:	Sec 22-24S-30E-NMP
COUNTY:	Eddy County, New Mexico

*Changes approved through engineering via **Sundry 2761880** on 12/26/2023. Any previous COAs not addressed within the updated COAs still apply.*

COA

H_2S	◉ No	○ Yes		
Potash / WIPP	◉ None	○ Secretary	○ R-111-P	☐ WIPP
Cave / Karst	◉ Low	○ Medium	○ High	○ Critical
Wellhead	○ Conventional	◉ Multibowl	○ Both	○ Diverter
Cementing	☐ Primary Squeeze	☑ Cont. Squeeze	☑ EchoMeter	☐ DV Tool
Special Req	☑ Break Testing	☐ Water Disposal	☐ COM	☑ Unit
Variance	☑ Flex Hose	☐ Casing Clearance	☐ Pilot Hole	☐ Capitan Reef
Variance	☐ Four-String	☑ Offline Cementing	☐ Fluid-Filled	☐ Open Annulus
☐ **Batch APD / Sundry**				

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 **13-3/8** inch surface casing shall be set at approximately 802 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 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 6176'**

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.

Operator has proposed to pump down 13-3/8" X 9-5/8" 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 9-5/8" casing to surface 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.

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

Operator must use a limited flush fluid volume of 1 bbl following backside cementing procedures.

3. The minimum required fill of cement behind the **6** 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.

BOPE Break Testing Variance

- BOPE Break Testing is ONLY permitted for 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 Onshore Oil and Gas Order No. 2.
- 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)

- **Eddy County (API No. / US Well No. contains 30-015-#####)**
  Email **or** call the Carlsbad Field Office, 620 East Greene St., Carlsbad, NM 88220, **BLM_NM_CFO_DrillingNotifications@BLM.GOV**
  (575) 361-2822

- **Lea County (API No. / US Well No. contains 30-025-#####)**
  Call the Hobbs Field Station, 414 West Taylor, Hobbs NM 88240,
  (575) 689-5981

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
      - Notify the BLM when moving in and removing the Spudder Rig.
      - 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.
      - BOP/BOPE test to be conducted per **43 CFR part 3170 Subpart 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. The record of the drilling rate along with the GR/N well log run from TD to surface (horizontal well – vertical portion of hole) shall be submitted to the BLM office as well as all other logs run on the borehole 30 days from completion. If available, a digital copy of the logs is to be submitted in addition to the paper copies. The Rustler top and top and bottom of Salt are to be recorded on the Completion Report.

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, 2) until cement has been in place at least 24 hours. WOC time will be recorded in the driller's log. The casing intergrity 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-P 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 part 3170 Subpart 3172** and **API STD 53 Sec. 5.3**.

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:

    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. Whenever any seal subject to test pressure is broken, all the tests in **43 CFR part 3170 Subpart 3172** must be followed.

e. 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.

a. 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).

b. 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.)

c. 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 part 3170 Subpart 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 water basin (8 hours) or potash (24 hours) or 500 pounds compressive strength, whichever is greater, prior to initiating the test (see casing segment as lead cement may be critical item).

d. 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.

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

f. 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.

g. 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.

h. 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 part 3170 Subpart 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.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-015- 49886	98220	Purple Sage; Wolfcamp (gas)

[4] Property Code	[5] Property Name	[6] Well Number
333192	POKER LAKE UNIT 22 DTD	182H

[7] OGRID No.	[8] Operator Name	[9] Elevation
373075	XTO PERMIAN OPERATING, LLC.	3,430'

[10] Surface Location

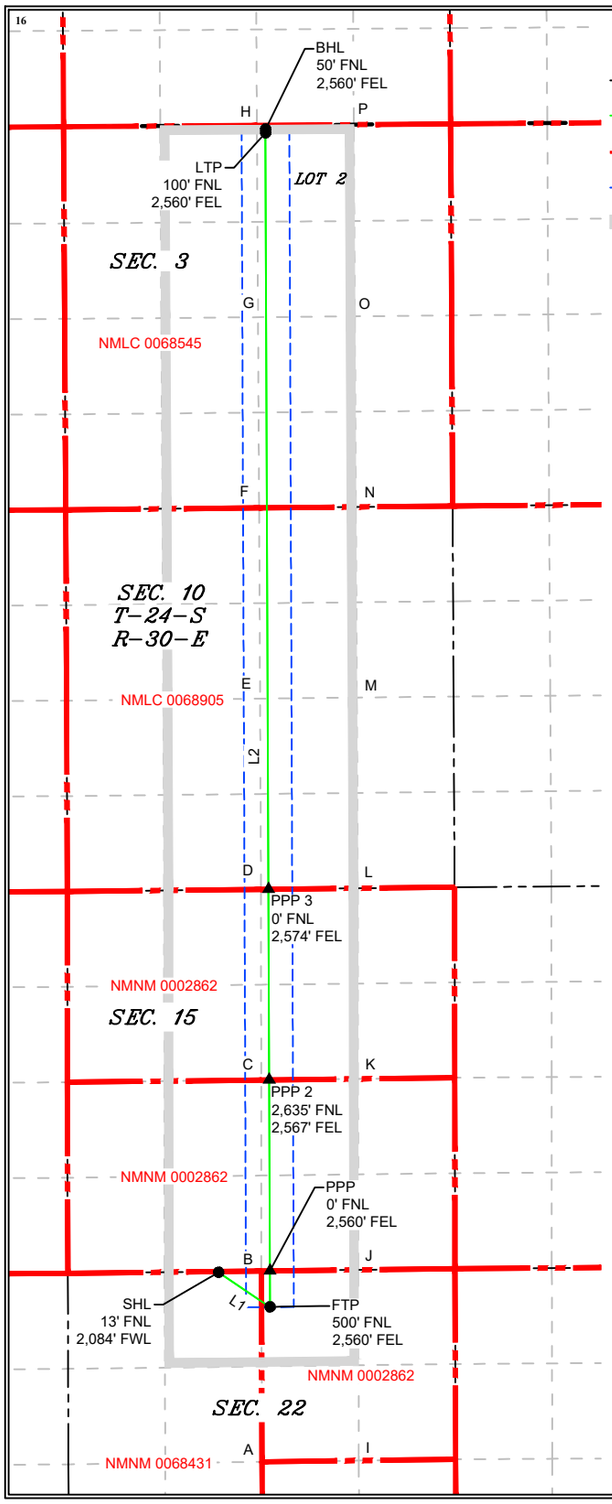
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	22	24S	30E		13	NORTH	2,084	WEST	EDDY

[11] 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
2	3	24S	30E		50	NORTH	2,560	EAST	EDDY

[12] Dedicated Acres	[13] Joint or Infill	[14] Consolidation Code	[15] Order No.
960.98			

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.



LEGEND

- SECTION LINE
- PROPOSED WELL BORE
- NEW MEXICO MINERAL LEASE
- 330' BUFFER
- ALLOCATION AREA

LOT ACREAGE TABLE
SECTION 3
T-24-S, R-30-E
LOT 2 = 40.45 ACRES

LINE TABLE		
LINE	AZUMITH	LENGTH
L1	123°57'10"	856.86'
L2	359°46'54"	16,283.94'

COORDINATE TABLE

SHL (NAD 83 NME)	SHL (NAD 27 NME)
Y = 440,623.3 N	Y = 440,564.2 N
X = 684,374.5 E	X = 643,190.8 E
LAT. = 32.210504 °N	LAT. = 32.210380 °N
LONG. = 103.870848 °W	LONG. = 103.870361 °W
FTP (NAD 83 NME)	**FTP (NAD 27 NME)**
Y = 440,144.70 N	Y = 440,085.70 N
X = 685,085.30 E	X = 643,901.60 E
LAT. = 32.209181 °N	LAT. = 32.209057 °N
LONG. = 103.86856 °W	LONG. = 103.86807 °W
PPP (NAD 83 NME)	**PPP (NAD 27 NME)**
Y = 440,644.8 N	Y = 440,585.7 N
X = 685,083.7 E	X = 643,900.0 E
LAT. = 32.210555 °N	LAT. = 32.210431 °N
LONG. = 103.868555 °W	LONG. = 103.868068 °W
PPP #2 (NAD 83 NME)	**PPP #2 (NAD 27 NME)**
Y = 443,285.2 N	Y = 443,226.1 N
X = 685,073.6 E	X = 643,890.0 E
LAT. = 32.217813 °N	LAT. = 32.217689 °N
LONG. = 103.868551 °W	LONG. = 103.868064 °W
PPP #3 (NAD 83 NME)	**PPP #3 (NAD 27 NME)**
Y = 445,920.2 N	Y = 445,860.9 N
X = 685,063.6 E	X = 643,880.1 E
LAT. = 32.225056 °N	LAT. = 32.224932 °N
LONG. = 103.868546 °W	LONG. = 103.868059 °W
LTP (NAD 83 NME)	**LTP (NAD 27 NME)**
Y = 456,378.6 N	Y = 456,319.1 N
X = 685,023.5 E	X = 643,840.4 E
LAT. = 32.253805 °N	LAT. = 32.253681 °N
LONG. = 103.868529 °W	LONG. = 103.868041 °W
BHL (NAD 83 NME)	**BHL (NAD 27 NME)**
Y = 456,428.6 N	Y = 456,369.1 N
X = 685,023.3 E	X = 643,840.1 E
LAT. = 32.253942 °N	LAT. = 32.253819 °N
LONG. = 103.868530 °W	LONG. = 103.868041 °W

CORNER COORDINATES (NAD 83 NME)

A - Y = 438,006.2 N	A - X = 684,975.6 E
B - Y = 440,643.4 N	B - X = 684,967.0 E
C - Y = 443,283.9 N	C - X = 684,964.0 E
D - Y = 445,919.0 N	D - X = 684,961.1 E
E - Y = 448,555.1 N	E - X = 684,948.3 E
F - Y = 451,191.5 N	F - X = 684,935.6 E
G - Y = 453,827.3 N	G - X = 684,920.4 E
H - Y = 456,477.6 N	H - X = 684,905.1 E
I - Y = 438,023.6 N	I - X = 686,313.8 E
J - Y = 440,659.4 N	J - X = 686,305.3 E
K - Y = 443,299.5 N	K - X = 686,302.1 E
L - Y = 445,933.8 N	L - X = 686,299.5 E
M - Y = 448,569.4 N	M - X = 686,286.2 E
N - Y = 451,204.3 N	N - X = 686,272.7 E
O - Y = 453,839.4 N	O - X = 686,258.5 E
P - Y = 456,488.5 N	P - X = 686,244.0 E

CORNER COORDINATES (NAD 27 NME)

A - Y = 437,947.2 N	A - X = 643,791.8 E
B - Y = 440,584.3 N	B - X = 643,783.3 E
C - Y = 443,224.8 N	C - X = 643,780.4 E
D - Y = 445,859.8 N	D - X = 643,777.5 E
E - Y = 448,495.9 N	E - X = 643,764.9 E
F - Y = 451,132.1 N	F - X = 643,752.2 E
G - Y = 453,767.9 N	G - X = 643,737.2 E
H - Y = 456,418.1 N	H - X = 643,722.0 E
I - Y = 437,964.6 N	I - X = 645,129.9 E
J - Y = 440,600.4 N	J - X = 645,121.6 E
K - Y = 443,240.3 N	K - X = 645,118.5 E
L - Y = 445,874.6 N	L - X = 645,116.0 E
M - Y = 448,510.1 N	M - X = 645,102.8 E
N - Y = 451,145.0 N	N - X = 645,089.3 E
O - Y = 453,780.0 N	O - X = 645,075.3 E
P - Y = 456,429.0 N	P - X = 645,060.9 E

[17] OPERATOR CERTIFICATION

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

Rusty Klein 11-10-23
Signature Date

RUSTY KLEIN
Printed Name

ranell.klein@exxonmobil.com
E-mail Address

[18] SURVEYOR CERTIFICATION

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

10-31-2023
Date of Survey

Signature and Seal of Professional Surveyor:

MARK DILLON HARP NEW MEXICO 23786 PROFESSIONAL SURVEYOR

MARK DILLON HARP 23786
Certificate Number

KC/AI/RP 618.013003.08-13

P:\618.013 XTO Energy - NM\003 Poker Lake Unit\08 - PLU 22 DTD - EDDY\Wells\13 - PLU 22 DTD - 182H\DWG\182H C-102.dwg

Intent [X] As Drilled [ ]

API #
30015

Operator Name:	Property Name:	Well Number
XTO PERMIAN OPERATING, LLC	Poker Lake Unit 22 DTD	182H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County

Latitude	Longitude	NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
B	22	24S	30E		500	North	2,560	East	Eddy

Latitude	Longitude	NAD
32.209181	103.86856	83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
2	3	24S	30E		330	North	2,560	East	Eddy

Latitude	Longitude	NAD
32.253805	103.868529	83

Is this well the defining well for the Horizontal Spacing Unit? [ ]

Is this well an infill well? [ ]

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:	Property Name:	Well Number

KZ 06/29/2018

District I
1625 N French Dr., Hobbs, NM 88240
Phone (575) 393-6161 Fax: (575) 393-0720
District II
811 S First St., Artesia, NM 88210
Phone (575) 748-1283 Fax (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S St. Francis Dr., Santa Fe, NM 87505
Phone (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

[1] API Number	[2] Pool Code	[3] Pool Name
30-015-49886	98220	Purple Sage; Wolfcamp (gas)

[4] Property Code	[5] Property Name	[6] Well Number
333192	POKER LAKE UNIT 22 DTD	182H
[7] OGRID No.	[8] Operator Name	[9] Elevation
373075	XTO PERMIAN OPERATING, LLC.	3,430'

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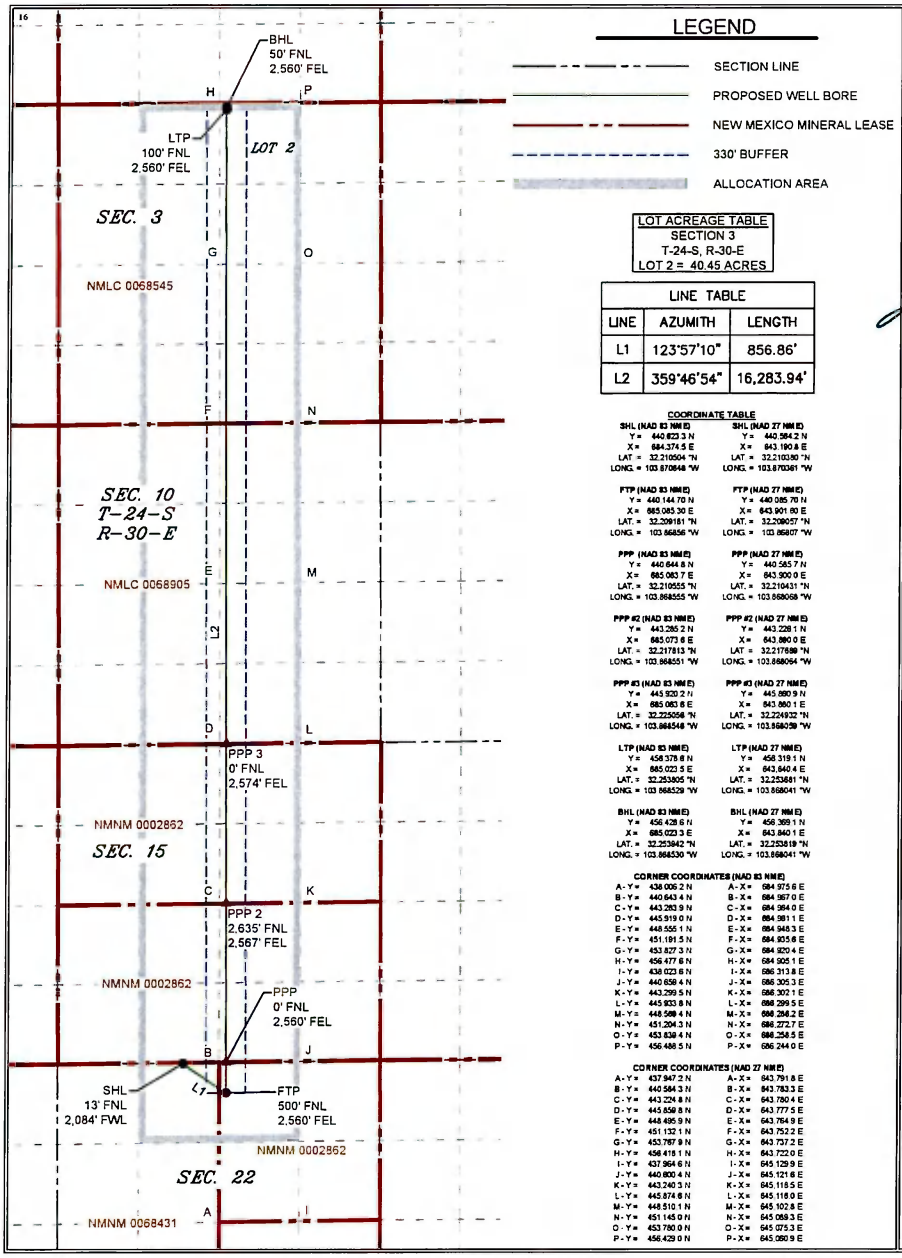

LOT ACREAGE TABLE
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T-24-S, R-30-E
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E - Y =	448,495.9 N	E - X =	643,764.9 E
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J - Y =	440,600.4 N	J - X =	645,121.8 E
K - Y =	443,240.3 N	K - X =	645,118.5 E
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Signature Date 11-15-2023

RUSTY KLEIN
Printed Name

ranell klein@exxonmobil com
E-mail Address

[18] SURVEYOR CERTIFICATION

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

10-31-2023
Date of Survey

Signature and Seal of Professional Surveyor:

MARK DILLON HARP
NEW MEXICO
23786
PROFESSIONAL SURVEYOR

MARK DILLON HARP 23786
Certificate Number

KC/AI/RP 618.013003.08-13

P:\618.013 XTO Energy - NM\003 Poker Lake Unit\08 - PLU 22 DTD - EDDY\Wells\13 - PLU 22 DTD - 182H\DWG\182H C-102.dwg

Intent [X] As Drilled [ ]

API #
30015

Operator Name:	Property Name:	Well Number
XTO PERMIAN OPERATING, LLC	Poker Lake Unit 22 DTD	182H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County

Latitude	Longitude	NAD

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
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Latitude	Longitude	NAD
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Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
2	3	24S	30E		330	North	2,560	East	Eddy

Latitude	Longitude	NAD
32.253805	103.868529	83

Is this well the defining well for the Horizontal Spacing Unit? [ ]

Is this well an infill well? [ ]

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #

Operator Name:	Property Name:	Well Number

KZ 06/29/2018

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

XTO Energy Inc.
POKER LAKE UNIT 22 DTD 182H
Projected TD: 26621' MD / 9691' TVD
SHL: 13' FNL & 2084' FWL , Section 22, T24S, R30E
BHL: 50' FNL & 2560' FEL , Section 3, T24S, 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	702'	Water
Top of Salt	1107'	Water
Base of Salt	3751'	Water
Delaware	3992'	Water
Brushy Canyon	6176'	Water/Oil/Gas
Bone Spring	7843'	Water
1st Bone Spring	8642'	Water/Oil/Gas
2nd Bone Spring	9167'	Water/Oil/Gas
Target/Land Curve	9691'	Water/Oil/Gas

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

No other formations are expected to yield oil, gas or fresh water in measurable volumes. The surface fresh water sands will be protected by setting 13.375 inch casing @ 802' (305' 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 9.625 inch casing at 8774' and cemented to surface. A 8.5 inch curve and 8.5 inch lateral hole will be drilled to 26621 MD/TD and 5.5 inch production casing will be set at TD and cemented back up in the intermediate shoe (estimated TOC 8474 feet).

3. Casing Design

Hole Size	Depth	OD Csg	Weight	Grade	Collar	New/Used	SF Burst	SF Collapse	SF Tension
17.5	0' – 802'	13.375	54.5	J-55	BTC	New	1.26	3.19	20.80
12.25	0' – 4000'	9.625	40	HC P-110	BTC	New	2.32	2.26	3.61
12.25	4000' – 8774'	9.625	40	HC L-80	BTC	New	1.69	1.91	4.80
8.5	0' – 8674'	5.5	23	RY P-110	Semi-Premium	New	1.21	2.93	1.85
8.5	8674' - 26621'	5.5	23	RY P-110	Semi-Flush	New	1.21	2.62	1.92

· XTO requests the option to utilize a spudder rig (Atlas Copco RD20 or Equivalent) to set and cement surface casing per this Sundry
· XTO requests to not utilize centralizers in the curve and lateral
· 9.625 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
· XTO requests the option to use 5" BTC Float equipment for the the production casing

Wellhead:

Permanent Wellhead – Multibowl System

A. Starting Head: 13-5/8" 10M top flange x 13-3/8" SOW bottom (or equivalent)

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

- Wellhead will be installed by manufacturer's representatives.
- Manufacturer will monitor welding process to ensure appropriate temperature of seal.
- Operator will test the 9-5/8" casing per BLM Onshore Order 2
- Wellhead Manufacturer representative will not be present for BOP test plug installation

4. Cement Program

Surface Casing: 13.375, 54.5 New BTC, J-55 casing to be set at +/- 802'

Lead: 370 sxs EconoCem-HLTRRC (mixed at 10.5 ppg, 1.87 ft3/sx, 10.13 gal/sx water)
Tail: 300 sxs Class C + 2% CaCl (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water)
Top of Cement: Surface
Compressives: 12-hr = 900 psi 24 hr = 1500 psi

2nd Intermediate Casing: 9.625, 40 New casing to be set at +/- 8774'
1st Stage
Optional Lead: 1040 sxs Class C (mixed at 10.5 ppg, 2.77 ft3/sx, 15.59 gal/sx water)
TOC: Surface
Tail: 750 sxs Class C (mixed at 14.8 ppg, 1.35 ft3/sx, 6.39 gal/sx water)
TOC: Brushy Canyon @ 6176
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: 2180 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 (6176') 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, 23 New Semi-Flush, RY P-110 casing to be set at +/- 26621'

Lead: 80 sxs NeoCem (mixed at 11.5 ppg, 2.69 ft3/sx, 15.00 gal/sx water) Top of Cement: 8474 feet
Tail: 3430 sxs VersaCem (mixed at 13.2 ppg, 1.51 ft3/sx, 8.38 gal/sx water) Top of Cement: 9213 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 13.375 casing, the blow out preventer equipment (BOP) will consist of a 13-5/8" minimum 5M Hydril and a 13-5/8" minimum 5M Double Ram BOP. MASP should not exceed 3411 psi. In any instance where 10M BOP is required by BLM, XTO requests a variance to utilize 5M annular with 10M ram preventers (a common BOP configuration, which allows use of 10M rams in unlikely event that pressures exceed 5M).

All BOP testing will be done by an independent service company. Annular pressure tests will be limited to 50% of the working pressure. When nippling up on the 13.375, 5M bradenhead and flange, the BOP test will be limited to 5000 psi. When nippling up on the 9.625, the BOP will be tested to a minimum of 5000 psi. All BOP tests will include a low pressure test as per BLM regulations. The 5M BOP diagrams are attached. Blind rams will be functioned tested each trip, pipe rams will be functioned tested each day.

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

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

hole on each of the wells.

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. Based on discussions with the BLM on February 27th 2020, 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 (ppg)	Viscosity (sec/qt)	Fluid Loss (cc)
0' - 802'	17.5	FW/Native	8.5-9	35-40	NC
802' - 8774'	12.25	FW / Cut Brine / Direct Emulsion	9-9.5	30-32	NC
8774' - 26621'	8.5	OBM	11-11.5	50-60	NC - 20

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 9-5/8" surface casing with brine solution. A 9.7 ppg - 10.2 ppg cut 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 13.375 casing.

8. Logging, Coring and Testing Program

Mud Logger: Mud Logging Unit (2 man) below intermediate casing.

Open hole logging will not be done on this well.

9. Abnormal Pressures and Temperatures / Potential Hazards

None Anticipated. BHT of 160 to 180 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 5543 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 22 DTD 182H

30-015-49886

Measured Depth:	26621.58 ft
TVD RKB:	9691.00 ft
Location	
Cartographic Reference System:	New Mexico East - NAD 27
Northing:	440564.20 ft
Easting:	643190.80 ft
RKB:	3462.00 ft
Ground Level:	3430.00 ft
North Reference:	Grid
Convergence Angle:	0.25 Deg

Plan Sections POKER LAKE UNIT 22 DTD 182H

Measured Depth (ft)	Inclination (Deg)	Azimuth (Deg)	TVD RKB (ft)	Y Offset (ft)	X Offset (ft)	Build Rate (Deg/100ft)	Turn Rate (Deg/100ft)	Dogleg Rate (Deg/100ft)	Target
0.00	0.00	0.00	-23.00	0.00	0.00	0.00	0.00	0.00	
1123.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	
2073.03	19.00	149.15	2032.71	-134.01	80.03	2.00	0.00	2.00	
5388.23	19.00	149.15	5167.29	-1060.68	633.47	0.00	0.00	0.00	
6338.26	0.00	0.00	6100.00	-1194.69	713.50	-2.00	0.00	2.00	
9213.07	0.00	0.00	8974.80	-1194.69	713.50	0.00	0.00	0.00	
10338.07	90.00	359.78	9691.00	-478.50	710.80	8.00	0.00	8.00	FTP 14
26571.58	90.00	359.78	9691.00	15754.90	649.60	0.00	0.00	0.00	LTP 14
26621.58	90.00	359.78	9691.00	15804.90	649.41	0.00	0.00	0.00	BHL 14

Position Uncertainty POKER LAKE UNIT 22 DTD 182H

Measured	TVD	Highside	Lateral	Vertical	Magnitude	Semi-major	Semi-minor	Semi-minor	Tool

Depth (ft)	Inclination (°)	Azimuth (°)	RKB (ft)	Error (ft)	Bias (ft)	Error (ft)	Bias (ft)	Error (ft)	Bias (ft)	of Bias (ft)	Error (ft)	Error (ft)	Azimuth (°)	Used
0.000	0.000	0.000	-23.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	MWD+IFR1+MS
100.000	0.000	0.000	77.000	0.700	0.000	0.350	0.000	2.300	0.000	0.000	0.751	0.220	112.264	MWD+IFR1+MS
200.000	0.000	0.000	177.000	1.112	0.000	0.861	0.000	2.310	0.000	0.000	1.259	0.627	122.711	MWD+IFR1+MS
300.000	0.000	0.000	277.000	1.497	0.000	1.271	0.000	2.326	0.000	0.000	1.698	0.986	125.469	MWD+IFR1+MS
400.000	0.000	0.000	377.000	1.871	0.000	1.658	0.000	2.347	0.000	0.000	2.108	1.344	126.713	MWD+IFR1+MS
500.000	0.000	0.000	477.000	2.240	0.000	2.034	0.000	2.375	0.000	0.000	2.503	1.701	127.419	MWD+IFR1+MS
600.000	0.000	0.000	577.000	2.607	0.000	2.405	0.000	2.407	0.000	0.000	2.888	2.059	127.873	MWD+IFR1+MS
700.000	0.000	0.000	677.000	2.971	0.000	2.773	0.000	2.445	0.000	0.000	3.267	2.417	128.190	MWD+IFR1+MS
800.000	0.000	0.000	777.000	3.334	0.000	3.138	0.000	2.487	0.000	0.000	3.642	2.775	128.423	MWD+IFR1+MS
900.000	0.000	0.000	877.000	3.696	0.000	3.502	0.000	2.533	0.000	0.000	4.014	3.133	128.602	MWD+IFR1+MS
1000.000	0.000	0.000	977.000	4.058	0.000	3.865	0.000	2.583	0.000	0.000	4.384	3.491	128.744	MWD+IFR1+MS
1100.000	0.000	0.000	1077.000	4.419	0.000	4.228	0.000	2.637	0.000	0.000	4.752	3.849	128.859	MWD+IFR1+MS
1123.000	0.000	0.000	1100.000	4.493	0.000	4.302	0.000	2.649	0.000	0.000	4.821	3.931	128.764	MWD+IFR1+MS
1200.000	1.540	149.153	1176.991	4.359	0.000	4.942	-0.000	2.693	0.000	0.000	5.051	4.234	126.904	MWD+IFR1+MS
1300.000	3.540	149.153	1276.887	5.109	0.000	5.248	-0.000	2.753	0.000	0.000	5.543	4.794	109.268	MWD+IFR1+MS
1400.000	5.540	149.153	1376.569	5.879	0.000	5.567	-0.000	2.818	0.000	0.000	6.202	5.222	94.400	MWD+IFR1+MS
1500.000	7.540	149.153	1475.913	6.572	0.000	5.892	-0.000	2.890	0.000	0.000	6.868	5.575	87.566	MWD+IFR1+MS
1600.000	9.540	149.153	1574.799	7.209	0.000	6.223	-0.000	2.971	0.000	0.000	7.506	5.909	84.096	MWD+IFR1+MS
1700.000	11.540	149.153	1673.107	7.802	0.000	6.560	-0.000	3.063	0.000	0.000	8.113	6.242	82.093	MWD+IFR1+MS
1800.000	13.540	149.153	1770.716	8.360	0.000	6.905	-0.000	3.168	0.000	0.000	8.691	6.578	80.838	MWD+IFR1+MS
1900.000	15.540	149.153	1867.509	8.889	0.000	7.257	-0.000	3.288	0.000	0.000	9.246	6.921	80.016	MWD+IFR1+MS
2000.000	17.540	149.153	1963.366	9.393	0.000	7.619	-0.000	3.424	0.000	0.000	9.779	7.273	79.472	MWD+IFR1+MS
2073.033	19.001	149.153	2032.715	9.655	0.000	7.881	-0.000	3.507	0.000	0.000	10.072	7.535	79.379	MWD+IFR1+MS
2100.000	19.001	149.153	2058.213	9.731	0.000	7.976	-0.000	3.527	0.000	0.000	10.146	7.632	79.433	MWD+IFR1+MS
2200.000	19.001	149.153	2152.764	10.013	0.000	8.344	-0.000	3.626	0.000	0.000	10.418	8.003	79.885	MWD+IFR1+MS
2300.000	19.001	149.153	2247.316	10.316	0.000	8.733	-0.000	3.733	0.000	0.000	10.714	8.386	80.575	MWD+IFR1+MS
2400.000	19.001	149.153	2341.867	10.628	0.000	9.127	-0.000	3.845	0.000	0.000	11.018	8.775	81.298	MWD+IFR1+MS
2500.000	19.001	149.153	2436.419	10.947	0.000	9.528	-0.000	3.961	0.000	0.000	11.330	9.169	82.056	MWD+IFR1+MS
2600.000	19.001	149.153	2530.970	11.273	0.000	9.932	-0.000	4.082	0.000	0.000	11.648	9.566	82.853	MWD+IFR1+MS
2700.000	19.001	149.153	2625.522	11.606	0.000	10.341	-0.000	4.206	0.000	0.000	11.973	9.968	83.690	MWD+IFR1+MS
2800.000	19.001	149.153	2720.073	11.945	0.000	10.754	-0.000	4.333	0.000	0.000	12.303	10.372	84.572	MWD+IFR1+MS

2900.000	19.001	149.153	2814.625	12.289	0.000	11.170	-0.000	4.463	0.000	0.000	12.640	10.779	85.500	MWD+IFR1+MS
3000.000	19.001	149.153	2909.176	12.638	0.000	11.589	-0.000	4.597	0.000	0.000	12.981	11.188	86.477	MWD+IFR1+MS
3100.000	19.001	149.153	3003.728	12.992	0.000	12.011	-0.000	4.733	0.000	0.000	13.328	11.599	87.507	MWD+IFR1+MS
3200.000	19.001	149.153	3098.279	13.350	0.000	12.435	-0.000	4.872	0.000	0.000	13.679	12.011	88.592	MWD+IFR1+MS
3300.000	19.001	149.153	3192.831	13.712	0.000	12.861	-0.000	5.013	0.000	0.000	14.035	12.425	89.733	MWD+IFR1+MS
3400.000	19.001	149.153	3287.382	14.078	0.000	13.289	-0.000	5.156	0.000	0.000	14.395	12.839	90.933	MWD+IFR1+MS
3500.000	19.001	149.153	3381.934	14.447	0.000	13.718	-0.000	5.302	0.000	0.000	14.760	13.253	92.193	MWD+IFR1+MS
3600.000	19.001	149.153	3476.485	14.819	0.000	14.150	-0.000	5.450	0.000	0.000	15.129	13.668	93.512	MWD+IFR1+MS
3700.000	19.001	149.153	3571.037	15.194	0.000	14.583	-0.000	5.600	0.000	0.000	15.501	14.083	94.891	MWD+IFR1+MS
3800.000	19.001	149.153	3665.588	15.571	0.000	15.017	-0.000	5.751	0.000	0.000	15.878	14.498	96.326	MWD+IFR1+MS
3900.000	19.001	149.153	3760.140	15.951	0.000	15.452	-0.000	5.905	0.000	0.000	16.258	14.913	97.815	MWD+IFR1+MS
4000.000	19.001	149.153	3854.691	16.334	0.000	15.888	-0.000	6.060	0.000	0.000	16.643	15.327	99.354	MWD+IFR1+MS
4100.000	19.001	149.153	3949.243	16.718	0.000	16.326	-0.000	6.217	0.000	0.000	17.031	15.740	100.936	MWD+IFR1+MS
4200.000	19.001	149.153	4043.794	17.105	0.000	16.764	-0.000	6.375	0.000	0.000	17.422	16.153	102.553	MWD+IFR1+MS
4300.000	19.001	149.153	4138.346	17.493	0.000	17.203	-0.000	6.535	0.000	0.000	17.817	16.565	104.198	MWD+IFR1+MS
4400.000	19.001	149.153	4232.897	17.883	0.000	17.643	-0.000	6.697	0.000	0.000	18.215	16.976	105.860	MWD+IFR1+MS
4500.000	19.001	149.153	4327.449	18.275	0.000	18.084	-0.000	6.860	0.000	0.000	18.617	17.385	107.529	MWD+IFR1+MS
4600.000	19.001	149.153	4422.000	18.668	0.000	18.525	-0.000	7.025	0.000	0.000	19.022	17.794	109.194	MWD+IFR1+MS
4700.000	19.001	149.153	4516.552	19.062	0.000	18.968	-0.000	7.191	0.000	0.000	19.430	18.202	110.844	MWD+IFR1+MS
4800.000	19.001	149.153	4611.103	19.458	0.000	19.410	-0.000	7.359	0.000	0.000	19.841	18.609	112.470	MWD+IFR1+MS
4900.000	19.001	149.153	4705.655	19.855	0.000	19.854	-0.000	7.529	0.000	0.000	20.255	19.014	114.062	MWD+IFR1+MS
5000.000	19.001	149.153	4800.206	20.254	0.000	20.297	-0.000	7.699	0.000	0.000	20.671	19.419	115.612	MWD+IFR1+MS
5100.000	19.001	149.153	4894.758	20.653	0.000	20.742	-0.000	7.872	0.000	0.000	21.090	19.823	117.113	MWD+IFR1+MS
5200.000	19.001	149.153	4989.309	21.054	0.000	21.186	-0.000	8.045	0.000	0.000	21.512	20.226	118.561	MWD+IFR1+MS
5300.000	19.001	149.153	5083.861	21.455	0.000	21.631	-0.000	8.220	0.000	0.000	21.936	20.628	119.950	MWD+IFR1+MS
5388.232	19.001	149.153	5167.285	21.809	0.000	22.023	-0.000	8.376	0.000	0.000	22.308	20.982	121.158	MWD+IFR1+MS
5400.000	18.765	149.153	5178.420	21.862	0.000	22.074	-0.000	8.397	0.000	0.000	22.357	21.029	121.330	MWD+IFR1+MS
5500.000	16.765	149.153	5273.646	22.334	0.000	22.506	-0.000	8.578	0.000	0.000	22.780	21.445	121.902	MWD+IFR1+MS
5600.000	14.765	149.153	5369.880	22.853	0.000	22.931	-0.000	8.768	0.000	0.000	23.229	21.899	120.562	MWD+IFR1+MS
5700.000	12.765	149.153	5467.003	23.333	0.000	23.343	-0.000	8.943	0.000	0.000	23.668	22.342	119.089	MWD+IFR1+MS
5800.000	10.765	149.153	5564.897	23.773	0.000	23.740	-0.000	9.105	0.000	0.000	24.097	22.775	117.495	MWD+IFR1+MS
5900.000	8.765	149.153	5663.443	24.175	0.000	24.123	-0.000	9.255	0.000	0.000	24.515	23.194	115.797	MWD+IFR1+MS
6000.000	6.765	149.153	5762.521	24.537	0.000	24.493	-0.000	9.394	0.000	0.000	24.923	23.600	114.016	MWD+IFR1+MS

6100.000	4.765	149.153	5862.010	24.859	0.000	24.848	-0.000	9.524	0.000	0.000	25.321	23.991	112.180	MWD+IFR1+MS
6200.000	2.765	149.153	5961.789	25.141	0.000	25.189	-0.000	9.647	0.000	0.000	25.708	24.366	110.318	MWD+IFR1+MS
6300.000	0.765	149.153	6061.737	25.384	0.000	25.516	-0.000	9.764	0.000	0.000	26.085	24.726	108.462	MWD+IFR1+MS
6338.265	0.000	0.000	6100.000	26.062	0.000	24.980	0.000	9.807	0.000	0.000	26.195	24.840	108.504	MWD+IFR1+MS
6400.000	0.000	0.000	6161.735	26.235	0.000	25.153	0.000	9.877	0.000	0.000	26.369	25.012	108.539	MWD+IFR1+MS
6500.000	0.000	0.000	6261.735	26.515	0.000	25.437	0.000	9.992	0.000	0.000	26.652	25.294	108.719	MWD+IFR1+MS
6600.000	0.000	0.000	6361.735	26.800	0.000	25.726	0.000	10.110	0.000	0.000	26.941	25.579	108.974	MWD+IFR1+MS
6700.000	0.000	0.000	6461.735	27.087	0.000	26.017	0.000	10.231	0.000	0.000	27.232	25.865	109.222	MWD+IFR1+MS
6800.000	0.000	0.000	6561.735	27.376	0.000	26.309	0.000	10.354	0.000	0.000	27.525	26.153	109.463	MWD+IFR1+MS
6900.000	0.000	0.000	6661.735	27.666	0.000	26.603	0.000	10.480	0.000	0.000	27.819	26.443	109.697	MWD+IFR1+MS
7000.000	0.000	0.000	6761.735	27.957	0.000	26.898	0.000	10.610	0.000	0.000	28.114	26.734	109.925	MWD+IFR1+MS
7100.000	0.000	0.000	6861.735	28.251	0.000	27.195	0.000	10.741	0.000	0.000	28.411	27.027	110.146	MWD+IFR1+MS
7200.000	0.000	0.000	6961.735	28.545	0.000	27.494	0.000	10.876	0.000	0.000	28.710	27.322	110.362	MWD+IFR1+MS
7300.000	0.000	0.000	7061.735	28.841	0.000	27.793	0.000	11.014	0.000	0.000	29.010	27.618	110.572	MWD+IFR1+MS
7400.000	0.000	0.000	7161.735	29.139	0.000	28.095	0.000	11.155	0.000	0.000	29.311	27.915	110.776	MWD+IFR1+MS
7500.000	0.000	0.000	7261.735	29.438	0.000	28.397	0.000	11.299	0.000	0.000	29.614	28.214	110.975	MWD+IFR1+MS
7600.000	0.000	0.000	7361.735	29.738	0.000	28.701	0.000	11.445	0.000	0.000	29.917	28.514	111.169	MWD+IFR1+MS
7700.000	0.000	0.000	7461.735	30.040	0.000	29.006	0.000	11.595	0.000	0.000	30.222	28.815	111.358	MWD+IFR1+MS
7800.000	0.000	0.000	7561.735	30.342	0.000	29.312	0.000	11.748	0.000	0.000	30.529	29.118	111.542	MWD+IFR1+MS
7900.000	0.000	0.000	7661.735	30.646	0.000	29.620	0.000	11.904	0.000	0.000	30.836	29.422	111.721	MWD+IFR1+MS
8000.000	0.000	0.000	7761.735	30.951	0.000	29.928	0.000	12.063	0.000	0.000	31.145	29.727	111.896	MWD+IFR1+MS
8100.000	0.000	0.000	7861.735	31.258	0.000	30.238	0.000	12.225	0.000	0.000	31.454	30.033	112.067	MWD+IFR1+MS
8200.000	0.000	0.000	7961.735	31.565	0.000	30.549	0.000	12.390	0.000	0.000	31.765	30.341	112.233	MWD+IFR1+MS
8300.000	0.000	0.000	8061.735	31.873	0.000	30.861	0.000	12.558	0.000	0.000	32.077	30.649	112.396	MWD+IFR1+MS
8400.000	0.000	0.000	8161.735	32.183	0.000	31.173	0.000	12.730	0.000	0.000	32.389	30.959	112.554	MWD+IFR1+MS
8500.000	0.000	0.000	8261.735	32.493	0.000	31.487	0.000	12.905	0.000	0.000	32.703	31.269	112.709	MWD+IFR1+MS
8600.000	0.000	0.000	8361.735	32.805	0.000	31.802	0.000	13.083	0.000	0.000	33.018	31.581	112.860	MWD+IFR1+MS
8700.000	0.000	0.000	8461.735	33.117	0.000	32.117	0.000	13.264	0.000	0.000	33.333	31.893	113.008	MWD+IFR1+MS
8800.000	0.000	0.000	8561.735	33.430	0.000	32.434	0.000	13.448	0.000	0.000	33.649	32.207	113.152	MWD+IFR1+MS
8900.000	0.000	0.000	8661.735	33.745	0.000	32.751	0.000	13.635	0.000	0.000	33.967	32.521	113.293	MWD+IFR1+MS
9000.000	0.000	0.000	8761.735	34.060	0.000	33.070	0.000	13.826	0.000	0.000	34.285	32.836	113.431	MWD+IFR1+MS
9100.000	0.000	0.000	8861.735	34.376	0.000	33.389	0.000	14.020	0.000	0.000	34.603	33.153	113.565	MWD+IFR1+MS
9200.000	0.000	0.000	8961.735	34.692	0.000	33.708	0.000	14.217	0.000	0.000	34.923	33.469	113.697	MWD+IFR1+MS

9213.067	0.000	0.000	8974.803	34.733	0.000	33.750	0.000	14.243	0.000	0.000	34.964	33.511	113.696	MWD+IFR1+MS
9300.000	6.955	359.784	9061.522	34.427	0.000	34.022	0.000	14.419	0.000	0.000	35.384	33.796	111.744	MWD+IFR1+MS
9400.000	14.955	359.784	9159.620	34.436	0.000	34.317	0.000	14.700	0.000	0.000	36.603	34.146	104.835	MWD+IFR1+MS
9500.000	22.955	359.784	9254.121	34.087	0.000	34.590	0.000	15.176	0.000	0.000	37.842	34.437	101.748	MWD+IFR1+MS
9600.000	30.955	359.784	9343.185	33.293	0.000	34.840	0.000	15.910	0.000	0.000	38.905	34.689	100.385	MWD+IFR1+MS
9700.000	38.955	359.784	9425.079	32.158	0.000	35.064	0.000	16.932	0.000	0.000	39.773	34.908	99.762	MWD+IFR1+MS
9800.000	46.955	359.784	9498.209	30.811	0.000	35.263	0.000	18.232	0.000	0.000	40.443	35.099	99.526	MWD+IFR1+MS
9900.000	54.955	359.784	9561.152	29.420	0.000	35.439	0.000	19.768	0.000	0.000	40.925	35.264	99.520	MWD+IFR1+MS
10000.000	62.955	359.784	9612.681	28.179	0.000	35.590	0.000	21.482	0.000	0.000	41.239	35.405	99.650	MWD+IFR1+MS
10100.000	70.955	359.784	9651.796	27.303	0.000	35.720	0.000	23.304	0.000	0.000	41.413	35.526	99.847	MWD+IFR1+MS
10200.000	78.955	359.784	9677.733	26.988	0.000	35.828	0.000	25.169	0.000	0.000	41.484	35.628	100.040	MWD+IFR1+MS
10300.000	86.955	359.784	9689.989	27.365	0.000	35.915	0.000	27.014	0.000	0.000	41.495	35.714	100.144	MWD+IFR1+MS
10338.067	90.000	359.784	9691.000	27.208	0.000	35.940	0.000	27.208	0.000	0.000	41.494	35.740	100.128	MWD+IFR1+MS
10400.000	90.000	359.784	9691.000	27.376	0.000	35.982	0.000	27.376	0.000	0.000	41.491	35.785	100.096	MWD+IFR1+MS
10500.000	90.000	359.784	9691.000	27.626	0.000	36.072	0.000	27.626	0.000	0.000	41.489	35.879	100.081	MWD+IFR1+MS
10600.000	90.000	359.784	9691.000	27.897	0.000	36.185	0.000	27.897	0.000	0.000	41.487	35.996	100.104	MWD+IFR1+MS
10700.000	90.000	359.784	9691.000	28.188	0.000	36.319	0.000	28.188	0.000	0.000	41.486	36.133	100.164	MWD+IFR1+MS
10800.000	90.000	359.784	9691.000	28.497	0.000	36.474	0.000	28.497	0.000	0.000	41.487	36.290	100.265	MWD+IFR1+MS
10900.000	90.000	359.784	9691.000	28.825	0.000	36.650	0.000	28.825	0.000	0.000	41.488	36.468	100.412	MWD+IFR1+MS
11000.000	90.000	359.784	9691.000	29.170	0.000	36.845	0.000	29.170	0.000	0.000	41.491	36.664	100.612	MWD+IFR1+MS
11100.000	90.000	359.784	9691.000	29.531	0.000	37.061	0.000	29.531	0.000	0.000	41.496	36.880	100.871	MWD+IFR1+MS
11200.000	90.000	359.784	9691.000	29.909	0.000	37.296	0.000	29.909	0.000	0.000	41.501	37.115	101.202	MWD+IFR1+MS
11300.000	90.000	359.784	9691.000	30.303	0.000	37.551	0.000	30.303	0.000	0.000	41.508	37.367	101.621	MWD+IFR1+MS
11400.000	90.000	359.784	9691.000	30.711	0.000	37.824	0.000	30.711	0.000	0.000	41.517	37.637	102.147	MWD+IFR1+MS
11500.000	90.000	359.784	9691.000	31.134	0.000	38.115	0.000	31.134	0.000	0.000	41.529	37.924	102.810	MWD+IFR1+MS
11600.000	90.000	359.784	9691.000	31.571	0.000	38.425	0.000	31.571	0.000	0.000	41.542	38.227	103.651	MWD+IFR1+MS
11700.000	90.000	359.784	9691.000	32.021	0.000	38.752	0.000	32.021	0.000	0.000	41.559	38.544	104.733	MWD+IFR1+MS
11800.000	90.000	359.784	9691.000	32.484	0.000	39.096	0.000	32.484	0.000	0.000	41.581	38.874	106.146	MWD+IFR1+MS
11900.000	90.000	359.784	9691.000	32.959	0.000	39.457	0.000	32.959	0.000	0.000	41.609	39.216	108.031	MWD+IFR1+MS
12000.000	90.000	359.784	9691.000	33.446	0.000	39.834	0.000	33.446	0.000	0.000	41.646	39.565	110.615	MWD+IFR1+MS
12100.000	90.000	359.784	9691.000	33.944	0.000	40.227	0.000	33.944	0.000	0.000	41.697	39.915	114.253	MWD+IFR1+MS
12200.000	90.000	359.784	9691.000	34.452	0.000	40.635	0.000	34.452	0.000	0.000	41.773	40.258	119.478	MWD+IFR1+MS
12300.000	90.000	359.784	9691.000	34.971	0.000	41.058	0.000	34.971	0.000	0.000	41.889	40.575	126.876	MWD+IFR1+MS

12400.000	90.000	359.784	9691.000	35.499	0.000	41.495	0.000	35.499	0.000	0.000	42.070	40.843	-43.606	MWD+IFR1+MS
12500.000	90.000	359.784	9691.000	36.037	0.000	41.946	0.000	36.037	0.000	0.000	42.333	41.042	-33.594	MWD+IFR1+MS
12600.000	90.000	359.784	9691.000	36.584	0.000	42.411	0.000	36.584	0.000	0.000	42.675	41.177	-25.213	MWD+IFR1+MS
12700.000	90.000	359.784	9691.000	37.139	0.000	42.889	0.000	37.139	0.000	0.000	43.075	41.266	-19.121	MWD+IFR1+MS
12800.000	90.000	359.784	9691.000	37.703	0.000	43.379	0.000	37.703	0.000	0.000	43.516	41.329	-14.870	MWD+IFR1+MS
12900.000	90.000	359.784	9691.000	38.274	0.000	43.882	0.000	38.274	0.000	0.000	43.985	41.375	-11.870	MWD+IFR1+MS
13000.000	90.000	359.784	9691.000	38.853	0.000	44.396	0.000	38.853	0.000	0.000	44.477	41.412	-9.691	MWD+IFR1+MS
13100.000	90.000	359.784	9691.000	39.439	0.000	44.922	0.000	39.439	0.000	0.000	44.986	41.443	-8.060	MWD+IFR1+MS
13200.000	90.000	359.784	9691.000	40.032	0.000	45.459	0.000	40.032	0.000	0.000	45.510	41.471	-6.805	MWD+IFR1+MS
13300.000	90.000	359.784	9691.000	40.631	0.000	46.006	0.000	40.631	0.000	0.000	46.048	41.496	-5.817	MWD+IFR1+MS
13400.000	90.000	359.784	9691.000	41.236	0.000	46.564	0.000	41.236	0.000	0.000	46.598	41.519	-5.022	MWD+IFR1+MS
13500.000	90.000	359.784	9691.000	41.847	0.000	47.131	0.000	41.847	0.000	0.000	47.159	41.541	-4.372	MWD+IFR1+MS
13600.000	90.000	359.784	9691.000	42.465	0.000	47.708	0.000	42.465	0.000	0.000	47.731	41.563	-3.832	MWD+IFR1+MS
13700.000	90.000	359.784	9691.000	43.087	0.000	48.294	0.000	43.087	0.000	0.000	48.314	41.584	-3.379	MWD+IFR1+MS
13800.000	90.000	359.784	9691.000	43.715	0.000	48.889	0.000	43.715	0.000	0.000	48.905	41.605	-2.994	MWD+IFR1+MS
13900.000	90.000	359.784	9691.000	44.348	0.000	49.493	0.000	44.348	0.000	0.000	49.506	41.625	-2.664	MWD+IFR1+MS
14000.000	90.000	359.784	9691.000	44.985	0.000	50.105	0.000	44.985	0.000	0.000	50.116	41.646	-2.378	MWD+IFR1+MS
14100.000	90.000	359.784	9691.000	45.627	0.000	50.724	0.000	45.627	0.000	0.000	50.733	41.667	-2.129	MWD+IFR1+MS
14200.000	90.000	359.784	9691.000	46.274	0.000	51.351	0.000	46.274	0.000	0.000	51.359	41.689	-1.911	MWD+IFR1+MS
14300.000	90.000	359.784	9691.000	46.925	0.000	51.986	0.000	46.925	0.000	0.000	51.992	41.710	-1.719	MWD+IFR1+MS
14400.000	90.000	359.784	9691.000	47.579	0.000	52.628	0.000	47.579	0.000	0.000	52.633	41.732	-1.549	MWD+IFR1+MS
14500.000	90.000	359.784	9691.000	48.238	0.000	53.276	0.000	48.238	0.000	0.000	53.281	41.754	-1.397	MWD+IFR1+MS
14600.000	90.000	359.784	9691.000	48.900	0.000	53.931	0.000	48.900	0.000	0.000	53.935	41.776	-1.262	MWD+IFR1+MS
14700.000	90.000	359.784	9691.000	49.566	0.000	54.593	0.000	49.566	0.000	0.000	54.596	41.799	-1.140	MWD+IFR1+MS
14800.000	90.000	359.784	9691.000	50.236	0.000	55.260	0.000	50.236	0.000	0.000	55.263	41.822	-1.031	MWD+IFR1+MS
14900.000	90.000	359.784	9691.000	50.909	0.000	55.934	0.000	50.909	0.000	0.000	55.936	41.846	-0.932	MWD+IFR1+MS
15000.000	90.000	359.784	9691.000	51.584	0.000	56.613	0.000	51.584	0.000	0.000	56.615	41.870	-0.842	MWD+IFR1+MS
15100.000	90.000	359.784	9691.000	52.263	0.000	57.298	0.000	52.263	0.000	0.000	57.299	41.894	-0.760	MWD+IFR1+MS
15200.000	90.000	359.784	9691.000	52.945	0.000	57.988	0.000	52.945	0.000	0.000	57.989	41.919	-0.686	MWD+IFR1+MS
15300.000	90.000	359.784	9691.000	53.630	0.000	58.683	0.000	53.630	0.000	0.000	58.683	41.944	-0.618	MWD+IFR1+MS
15400.000	90.000	359.784	9691.000	54.317	0.000	59.383	0.000	54.317	0.000	0.000	59.383	41.970	-0.556	MWD+IFR1+MS
15500.000	90.000	359.784	9691.000	55.007	0.000	60.087	0.000	55.007	0.000	0.000	60.088	41.996	-0.500	MWD+IFR1+MS
15600.000	90.000	359.784	9691.000	55.700	0.000	60.797	0.000	55.700	0.000	0.000	60.797	42.023	-0.448	MWD+IFR1+MS

15700.000	90.000	359.784	9691.000	56.395	0.000	61.510	0.000	56.395	0.000	0.000	61.511	42.050	-0.400	MWD+IFR1+MS
15800.000	90.000	359.784	9691.000	57.092	0.000	62.229	0.000	57.092	0.000	0.000	62.229	42.078	-0.355	MWD+IFR1+MS
15900.000	90.000	359.784	9691.000	57.791	0.000	62.951	0.000	57.791	0.000	0.000	62.951	42.106	-0.315	MWD+IFR1+MS
16000.000	90.000	359.784	9691.000	58.493	0.000	63.677	0.000	58.493	0.000	0.000	63.677	42.134	-0.277	MWD+IFR1+MS
16100.000	90.000	359.784	9691.000	59.197	0.000	64.407	0.000	59.197	0.000	0.000	64.407	42.163	-0.242	MWD+IFR1+MS
16200.000	90.000	359.784	9691.000	59.902	0.000	65.141	0.000	59.902	0.000	0.000	65.141	42.193	-0.210	MWD+IFR1+MS
16300.000	90.000	359.784	9691.000	60.610	0.000	65.878	0.000	60.610	0.000	0.000	65.878	42.222	-0.180	MWD+IFR1+MS
16400.000	90.000	359.784	9691.000	61.320	0.000	66.619	0.000	61.320	0.000	0.000	66.619	42.253	-0.152	MWD+IFR1+MS
16500.000	90.000	359.784	9691.000	62.031	0.000	67.363	0.000	62.031	0.000	0.000	67.363	42.284	-0.127	MWD+IFR1+MS
16600.000	90.000	359.784	9691.000	62.744	0.000	68.110	0.000	62.744	0.000	0.000	68.110	42.315	-0.103	MWD+IFR1+MS
16700.000	90.000	359.784	9691.000	63.459	0.000	68.861	0.000	63.459	0.000	0.000	68.861	42.347	-0.080	MWD+IFR1+MS
16800.000	90.000	359.784	9691.000	64.175	0.000	69.615	0.000	64.175	0.000	0.000	69.615	42.379	-0.060	MWD+IFR1+MS
16900.000	90.000	359.784	9691.000	64.893	0.000	70.371	0.000	64.893	0.000	0.000	70.371	42.412	-0.040	MWD+IFR1+MS
17000.000	90.000	359.784	9691.000	65.613	0.000	71.131	0.000	65.613	0.000	0.000	71.131	42.445	-0.022	MWD+IFR1+MS
17100.000	90.000	359.784	9691.000	66.334	0.000	71.893	0.000	66.334	0.000	0.000	71.893	42.479	-0.006	MWD+IFR1+MS
17200.000	90.000	359.784	9691.000	67.056	0.000	72.658	0.000	67.056	0.000	0.000	72.658	42.513	0.010	MWD+IFR1+MS
17300.000	90.000	359.784	9691.000	67.780	0.000	73.425	0.000	67.780	0.000	0.000	73.426	42.548	0.025	MWD+IFR1+MS
17400.000	90.000	359.784	9691.000	68.505	0.000	74.195	0.000	68.505	0.000	0.000	74.196	42.583	0.038	MWD+IFR1+MS
17500.000	90.000	359.784	9691.000	69.232	0.000	74.968	0.000	69.232	0.000	0.000	74.968	42.619	0.051	MWD+IFR1+MS
17600.000	90.000	359.784	9691.000	69.960	0.000	75.743	0.000	69.960	0.000	0.000	75.743	42.655	0.063	MWD+IFR1+MS
17700.000	90.000	359.784	9691.000	70.689	0.000	76.520	0.000	70.689	0.000	0.000	76.520	42.691	0.074	MWD+IFR1+MS
17800.000	90.000	359.784	9691.000	71.419	0.000	77.299	0.000	71.419	0.000	0.000	77.300	42.728	0.084	MWD+IFR1+MS
17900.000	90.000	359.784	9691.000	72.150	0.000	78.081	0.000	72.150	0.000	0.000	78.081	42.766	0.094	MWD+IFR1+MS
18000.000	90.000	359.784	9691.000	72.883	0.000	78.864	0.000	72.883	0.000	0.000	78.865	42.804	0.103	MWD+IFR1+MS
18100.000	90.000	359.784	9691.000	73.616	0.000	79.650	0.000	73.616	0.000	0.000	79.651	42.842	0.112	MWD+IFR1+MS
18200.000	90.000	359.784	9691.000	74.351	0.000	80.437	0.000	74.351	0.000	0.000	80.438	42.881	0.120	MWD+IFR1+MS
18300.000	90.000	359.784	9691.000	75.086	0.000	81.227	0.000	75.086	0.000	0.000	81.228	42.920	0.127	MWD+IFR1+MS
18400.000	90.000	359.784	9691.000	75.823	0.000	82.018	0.000	75.823	0.000	0.000	82.019	42.960	0.134	MWD+IFR1+MS
18500.000	90.000	359.784	9691.000	76.560	0.000	82.811	0.000	76.560	0.000	0.000	82.812	43.000	0.141	MWD+IFR1+MS
18600.000	90.000	359.784	9691.000	77.299	0.000	83.606	0.000	77.299	0.000	0.000	83.607	43.041	0.147	MWD+IFR1+MS
18700.000	90.000	359.784	9691.000	78.038	0.000	84.403	0.000	78.038	0.000	0.000	84.404	43.082	0.152	MWD+IFR1+MS
18800.000	90.000	359.784	9691.000	78.778	0.000	85.201	0.000	78.778	0.000	0.000	85.202	43.124	0.157	MWD+IFR1+MS
18900.000	90.000	359.784	9691.000	79.519	0.000	86.001	0.000	79.519	0.000	0.000	86.002	43.166	0.162	MWD+IFR1+MS

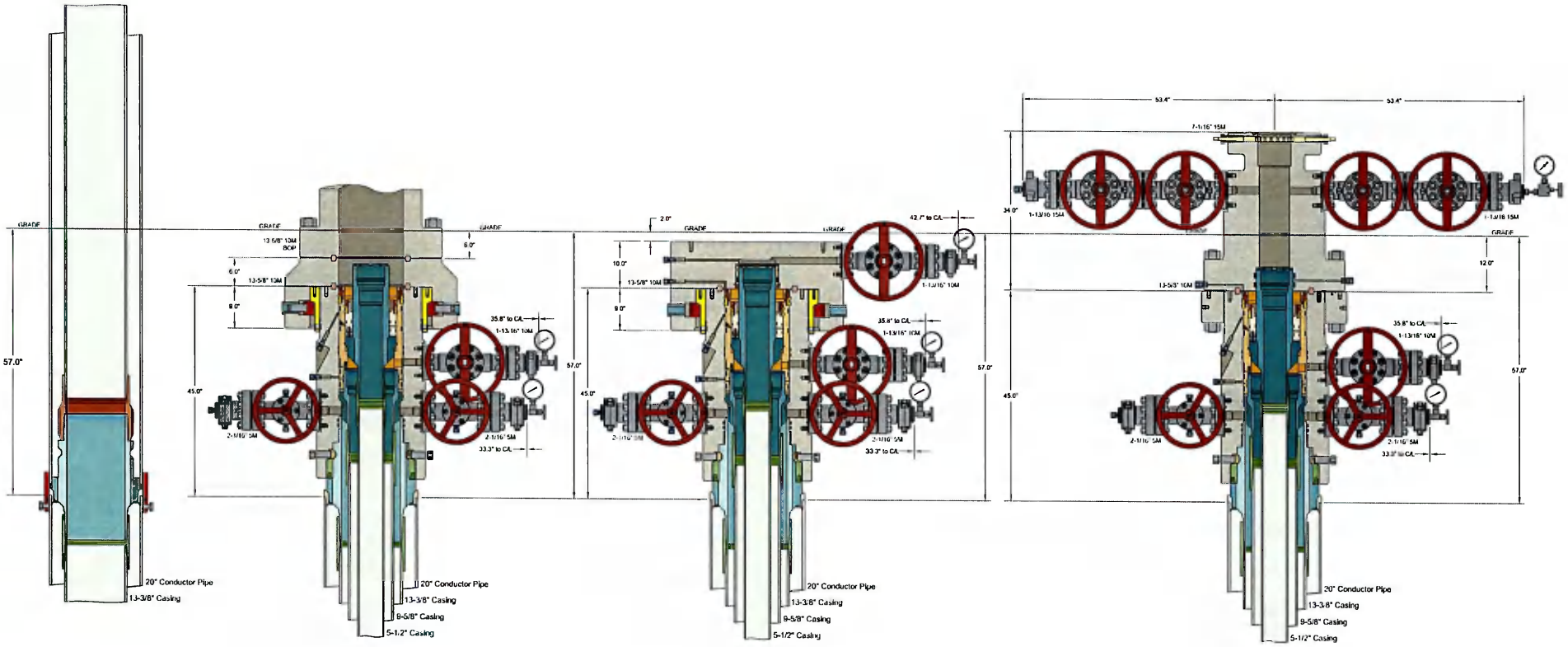
19000.000	90.000	359.784	9691.000	80.261	0.000	86.802	0.000	80.261	0.000	0.000	86.804	43.209	0.167	MWD+IFR1+MS
19100.000	90.000	359.784	9691.000	81.004	0.000	87.605	0.000	81.004	0.000	0.000	87.607	43.252	0.171	MWD+IFR1+MS
19200.000	90.000	359.784	9691.000	81.747	0.000	88.410	0.000	81.747	0.000	0.000	88.411	43.295	0.175	MWD+IFR1+MS
19300.000	90.000	359.784	9691.000	82.492	0.000	89.216	0.000	82.492	0.000	0.000	89.217	43.339	0.179	MWD+IFR1+MS
19400.000	90.000	359.784	9691.000	83.237	0.000	90.023	0.000	83.237	0.000	0.000	90.025	43.384	0.182	MWD+IFR1+MS
19500.000	90.000	359.784	9691.000	83.983	0.000	90.832	0.000	83.983	0.000	0.000	90.833	43.429	0.186	MWD+IFR1+MS
19600.000	90.000	359.784	9691.000	84.729	0.000	91.642	0.000	84.729	0.000	0.000	91.643	43.474	0.188	MWD+IFR1+MS
19700.000	90.000	359.784	9691.000	85.476	0.000	92.453	0.000	85.476	0.000	0.000	92.455	43.520	0.191	MWD+IFR1+MS
19800.000	90.000	359.784	9691.000	86.224	0.000	93.265	0.000	86.224	0.000	0.000	93.267	43.566	0.194	MWD+IFR1+MS
19900.000	90.000	359.784	9691.000	86.972	0.000	94.079	0.000	86.972	0.000	0.000	94.081	43.613	0.196	MWD+IFR1+MS
20000.000	90.000	359.784	9691.000	87.721	0.000	94.894	0.000	87.721	0.000	0.000	94.896	43.660	0.198	MWD+IFR1+MS
20100.000	90.000	359.784	9691.000	88.471	0.000	95.710	0.000	88.471	0.000	0.000	95.712	43.707	0.200	MWD+IFR1+MS
20200.000	90.000	359.784	9691.000	89.221	0.000	96.528	0.000	89.221	0.000	0.000	96.530	43.755	0.202	MWD+IFR1+MS
20300.000	90.000	359.784	9691.000	89.972	0.000	97.346	0.000	89.972	0.000	0.000	97.348	43.804	0.204	MWD+IFR1+MS
20400.000	90.000	359.784	9691.000	90.724	0.000	98.165	0.000	90.724	0.000	0.000	98.168	43.852	0.205	MWD+IFR1+MS
20500.000	90.000	359.784	9691.000	91.476	0.000	98.986	0.000	91.476	0.000	0.000	98.988	43.902	0.206	MWD+IFR1+MS
20600.000	90.000	359.784	9691.000	92.228	0.000	99.807	0.000	92.228	0.000	0.000	99.810	43.952	0.208	MWD+IFR1+MS
20700.000	90.000	359.784	9691.000	92.982	0.000	100.630	0.000	92.982	0.000	0.000	100.632	44.002	0.209	MWD+IFR1+MS
20800.000	90.000	359.784	9691.000	93.735	0.000	101.453	0.000	93.735	0.000	0.000	101.456	44.052	0.210	MWD+IFR1+MS
20900.000	90.000	359.784	9691.000	94.489	0.000	102.278	0.000	94.489	0.000	0.000	102.280	44.103	0.211	MWD+IFR1+MS
21000.000	90.000	359.784	9691.000	95.244	0.000	103.103	0.000	95.244	0.000	0.000	103.106	44.155	0.211	MWD+IFR1+MS
21100.000	90.000	359.784	9691.000	95.999	0.000	103.930	0.000	95.999	0.000	0.000	103.932	44.207	0.212	MWD+IFR1+MS
21200.000	90.000	359.784	9691.000	96.755	0.000	104.757	0.000	96.755	0.000	0.000	104.759	44.259	0.213	MWD+IFR1+MS
21300.000	90.000	359.784	9691.000	97.511	0.000	105.585	0.000	97.511	0.000	0.000	105.587	44.312	0.213	MWD+IFR1+MS
21400.000	90.000	359.784	9691.000	98.267	0.000	106.414	0.000	98.267	0.000	0.000	106.416	44.365	0.213	MWD+IFR1+MS
21500.000	90.000	359.784	9691.000	99.024	0.000	107.243	0.000	99.024	0.000	0.000	107.246	44.419	0.214	MWD+IFR1+MS
21600.000	90.000	359.784	9691.000	99.781	0.000	108.074	0.000	99.781	0.000	0.000	108.076	44.473	0.214	MWD+IFR1+MS
21700.000	90.000	359.784	9691.000	100.539	0.000	108.905	0.000	100.539	0.000	0.000	108.908	44.527	0.214	MWD+IFR1+MS
21800.000	90.000	359.784	9691.000	101.297	0.000	109.737	0.000	101.297	0.000	0.000	109.740	44.582	0.214	MWD+IFR1+MS
21900.000	90.000	359.784	9691.000	102.056	0.000	110.570	0.000	102.056	0.000	0.000	110.573	44.637	0.214	MWD+IFR1+MS
22000.000	90.000	359.784	9691.000	102.815	0.000	111.404	0.000	102.815	0.000	0.000	111.406	44.693	0.214	MWD+IFR1+MS
22100.000	90.000	359.784	9691.000	103.574	0.000	112.238	0.000	103.574	0.000	0.000	112.241	44.749	0.214	MWD+IFR1+MS
22200.000	90.000	359.784	9691.000	104.334	0.000	113.073	0.000	104.334	0.000	0.000	113.076	44.805	0.214	MWD+IFR1+MS

22300.000	90.000	359.784	9691.000	105.094	0.000	113.909	0.000	105.094	0.000	0.000	113.911	44.862	0.214	MWD+IFR1+MS
22400.000	90.000	359.784	9691.000	105.855	0.000	114.745	0.000	105.855	0.000	0.000	114.748	44.920	0.213	MWD+IFR1+MS
22500.000	90.000	359.784	9691.000	106.616	0.000	115.582	0.000	106.616	0.000	0.000	115.585	44.977	0.213	MWD+IFR1+MS
22600.000	90.000	359.784	9691.000	107.377	0.000	116.420	0.000	107.377	0.000	0.000	116.423	45.036	0.213	MWD+IFR1+MS
22700.000	90.000	359.784	9691.000	108.138	0.000	117.258	0.000	108.138	0.000	0.000	117.261	45.094	0.212	MWD+IFR1+MS
22800.000	90.000	359.784	9691.000	108.900	0.000	118.097	0.000	108.900	0.000	0.000	118.100	45.153	0.212	MWD+IFR1+MS
22900.000	90.000	359.784	9691.000	109.662	0.000	118.937	0.000	109.662	0.000	0.000	118.939	45.212	0.211	MWD+IFR1+MS
23000.000	90.000	359.784	9691.000	110.425	0.000	119.777	0.000	110.425	0.000	0.000	119.780	45.272	0.211	MWD+IFR1+MS
23100.000	90.000	359.784	9691.000	111.188	0.000	120.617	0.000	111.188	0.000	0.000	120.620	45.332	0.210	MWD+IFR1+MS
23200.000	90.000	359.784	9691.000	111.951	0.000	121.459	0.000	111.951	0.000	0.000	121.462	45.393	0.210	MWD+IFR1+MS
23300.000	90.000	359.784	9691.000	112.714	0.000	122.300	0.000	112.714	0.000	0.000	122.303	45.454	0.209	MWD+IFR1+MS
23400.000	90.000	359.784	9691.000	113.478	0.000	123.143	0.000	113.478	0.000	0.000	123.146	45.515	0.209	MWD+IFR1+MS
23500.000	90.000	359.784	9691.000	114.242	0.000	123.986	0.000	114.242	0.000	0.000	123.989	45.577	0.208	MWD+IFR1+MS
23600.000	90.000	359.784	9691.000	115.006	0.000	124.829	0.000	115.006	0.000	0.000	124.832	45.639	0.207	MWD+IFR1+MS
23700.000	90.000	359.784	9691.000	115.771	0.000	125.673	0.000	115.771	0.000	0.000	125.676	45.701	0.206	MWD+IFR1+MS
23800.000	90.000	359.784	9691.000	116.535	0.000	126.517	0.000	116.535	0.000	0.000	126.520	45.764	0.206	MWD+IFR1+MS
23900.000	90.000	359.784	9691.000	117.300	0.000	127.362	0.000	117.300	0.000	0.000	127.365	45.828	0.205	MWD+IFR1+MS
24000.000	90.000	359.784	9691.000	118.066	0.000	128.208	0.000	118.066	0.000	0.000	128.211	45.891	0.204	MWD+IFR1+MS
24100.000	90.000	359.784	9691.000	118.831	0.000	129.054	0.000	118.831	0.000	0.000	129.057	45.955	0.203	MWD+IFR1+MS
24200.000	90.000	359.784	9691.000	119.597	0.000	129.900	0.000	119.597	0.000	0.000	129.903	46.020	0.202	MWD+IFR1+MS
24300.000	90.000	359.784	9691.000	120.363	0.000	130.747	0.000	120.363	0.000	0.000	130.750	46.084	0.202	MWD+IFR1+MS
24400.000	90.000	359.784	9691.000	121.130	0.000	131.594	0.000	121.130	0.000	0.000	131.597	46.150	0.201	MWD+IFR1+MS
24500.000	90.000	359.784	9691.000	121.896	0.000	132.442	0.000	121.896	0.000	0.000	132.445	46.215	0.200	MWD+IFR1+MS
24600.000	90.000	359.784	9691.000	122.663	0.000	133.290	0.000	122.663	0.000	0.000	133.293	46.281	0.199	MWD+IFR1+MS
24700.000	90.000	359.784	9691.000	123.430	0.000	134.138	0.000	123.430	0.000	0.000	134.141	46.347	0.198	MWD+IFR1+MS
24800.000	90.000	359.784	9691.000	124.197	0.000	134.987	0.000	124.197	0.000	0.000	134.990	46.414	0.197	MWD+IFR1+MS
24900.000	90.000	359.784	9691.000	124.965	0.000	135.837	0.000	124.965	0.000	0.000	135.840	46.481	0.196	MWD+IFR1+MS
25000.000	90.000	359.784	9691.000	125.732	0.000	136.686	0.000	125.732	0.000	0.000	136.689	46.548	0.195	MWD+IFR1+MS
25100.000	90.000	359.784	9691.000	126.500	0.000	137.536	0.000	126.500	0.000	0.000	137.540	46.616	0.194	MWD+IFR1+MS
25200.000	90.000	359.784	9691.000	127.268	0.000	138.387	0.000	127.268	0.000	0.000	138.390	46.684	0.193	MWD+IFR1+MS
25300.000	90.000	359.784	9691.000	128.036	0.000	139.238	0.000	128.036	0.000	0.000	139.241	46.753	0.192	MWD+IFR1+MS
25400.000	90.000	359.784	9691.000	128.805	0.000	140.089	0.000	128.805	0.000	0.000	140.092	46.822	0.191	MWD+IFR1+MS
25500.000	90.000	359.784	9691.000	129.574	0.000	140.941	0.000	129.574	0.000	0.000	140.944	46.891	0.190	MWD+IFR1+MS

25600.000	90.000	359.784	9691.000	130.342	0.000	141.793	0.000	130.342	0.000	0.000	141.796	46.960	0.189 MWD+IFR1+MS
25700.000	90.000	359.784	9691.000	131.112	0.000	142.645	0.000	131.112	0.000	0.000	142.648	47.030	0.188 MWD+IFR1+MS
25800.000	90.000	359.784	9691.000	131.881	0.000	143.498	0.000	131.881	0.000	0.000	143.501	47.101	0.187 MWD+IFR1+MS
25900.000	90.000	359.784	9691.000	132.650	0.000	144.351	0.000	132.650	0.000	0.000	144.354	47.171	0.186 MWD+IFR1+MS
26000.000	90.000	359.784	9691.000	133.420	0.000	145.204	0.000	133.420	0.000	0.000	145.207	47.242	0.185 MWD+IFR1+MS
26100.000	90.000	359.784	9691.000	134.190	0.000	146.058	0.000	134.190	0.000	0.000	146.061	47.314	0.184 MWD+IFR1+MS
26200.000	90.000	359.784	9691.000	134.960	0.000	146.912	0.000	134.960	0.000	0.000	146.915	47.385	0.183 MWD+IFR1+MS
26300.000	90.000	359.784	9691.000	135.730	0.000	147.766	0.000	135.730	0.000	0.000	147.769	47.457	0.182 MWD+IFR1+MS
26400.000	90.000	359.784	9691.000	136.500	0.000	148.621	0.000	136.500	0.000	0.000	148.624	47.530	0.181 MWD+IFR1+MS
26500.000	90.000	359.784	9691.000	137.270	0.000	149.475	0.000	137.270	0.000	0.000	149.479	47.602	0.180 MWD+IFR1+MS
26571.583	90.000	359.784	9691.000	137.822	0.000	150.087	0.000	137.822	0.000	0.000	150.090	47.655	0.179 MWD+IFR1+MS
26600.000	90.000	359.784	9691.000	138.040	0.000	150.329	0.000	138.040	0.000	0.000	150.332	47.675	0.179 MWD+IFR1+MS
26621.578	90.000	359.784	9691.000	138.206	0.000	150.513	0.000	138.206	0.000	0.000	150.517	47.691	0.178 MWD+IFR1+MS

Plan Targets POKER LAKE UNIT 22 DTD 182H

Target Name	Measured Depth (ft)	Grid Northing (ft)	Grid Easting (ft)	TVD MSL (ft)	Target Shape
FTP 14	10338.06	440085.70	643901.60	6229.00	RECTANGLE
LTP 14	26571.58	456319.10	643840.40	6229.00	RECTANGLE
BHL 14	26621.69	456369.10	643840.10	6229.00	RECTANGLE



ALL DIMENSIONS APPROXIMATE

CACTUS WELLHEAD LLC	XTO ENERGY INC DELAWARE BASIN		
(20") x 13-3/8" x 9-5/8" x 5-1/2" MBU-3T-CFL-R-DBLO-SF Wellhead With 13-5/8" 10M x 7-1/16" 15M CTH-DBLHPS-SB Tubing Head And Drilling & Skid Configurations	DRAWN	VJK	31MAR22
	APPRV		
	DRAWING NO.	SDT-2856	

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
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 298279

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 298279
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	All original COA's still apply.	12/29/2023