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

Sundry Print Report
02/06/2025

Well Name: POKER LAKE 23 DTD FEDERAL COM

Well Location: T24S / R30E / SEC 23 / SWSW / 32.211727 / -103.859656

County or Parish/State: EDDY / NM

Well Number: 101H

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMNM068905

Unit or CA Name:

Unit or CA Number:

US Well Number:

Operator: XTO PERMIAN OPERATING LLC

Notice of Intent

Sundry ID: 2786591

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 06/26/2024

Time Sundry Submitted: 01:27

Date proposed operation will begin: 05/08/2024

Procedure Description: XTO Permian Operating, LLC. respectfully requests approval to make the following changes to the approved APD. Changes to include SHL, FTP, LTP, BHL, Casing sizes, Cement, Proposed total Depth, and formation (Pool). FROM: TO: SHL: 406' FSL & 191' FWL OF SECTION 14-T24S-R30E 556' FSL & 190' FWL O/F SECTION 14-T24S-R30E FTP: 100' FSL & 345' FWL OF SECTION 14-T24S-R30E 100' FNL & 327' FWL OF SECTION 23-T24S-R30E LTP: 330' FNL & 345' FWL OF SECTION 2-T24S-R30E 2537' FNL & 327' FWL OF SECTION 35-T24S-R30E BHL: 200' FNL & 345' FWL OF SECTION 2-T24S-R30E 2627' FNL & 327' FWL OF SECTION 35-T24S-R30E The proposed total depth is changing from 27126' MD; 11230' TVD (Purple Sage; Wolfcamp (Gas)) to 23374' MD; 10510' TVD (Bone Spring 3 Shale). See attached Drilling Plan for updated cement and casing program. Attachments: C-102, Drilling Plan, Directional Plan, MBS, and BOP

NOI Attachments

Procedure Description

Sundry_Attachment___Poker_Lake_Unit_23_DTD_Federal_Com_101H_20250205102717.pdf

Well Name: POKER LAKE 23 DTD FEDERAL COM	**Well Location:** T24S / R30E / SEC 23 / SWSW / 32.211727 / -103.859656	**County or Parish/State:** EDDY / NM
Well Number: 101H	**Type of Well:** CONVENTIONAL GAS WELL	**Allottee or Tribe Name:**
Lease Number: NMNM068905	**Unit or CA Name:**	**Unit or CA Number:**
US Well Number:	**Operator:** XTO PERMIAN OPERATING LLC	

Conditions of Approval

Additional

PLU_23_DTD_FED_COM_101H_COA_20250206054358.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: ADRIAN BAKER

Signed on: FEB 05, 2025 10:28 AM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 22777 SPRINGWOODS VILLAGE PARKWAY

City: SPRING **State:** TX

Phone: (432) 236-3808

Email address: ADRIAN.BAKER@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: 02/06/2025

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 23 DTD FEDERAL COM/101H

2. Name of Operator XTO PERMIAN OPERATING LLC

9. API Well No.

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

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

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

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
SEC 23/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 the following changes to the approved APD. Changes to include SHL, FTP, LTP, BHL, Casing sizes, Cement, Proposed total Depth, and formation (Pool).

FROM: TO:
SHL: 406' FSL & 191' FWL OF SECTION 14-T24S-R30E 556' FSL & 190' FWL O/F SECTION 14-T24S-R30E
FTP: 100' FSL & 345' FWL OF SECTION 14-T24S-R30E 100' FNL & 327' FWL OF SECTION 23-T24S-R30E
LTP: 330' FNL & 345' FWL OF SECTION 2-T24S-R30E 2537' FNL & 327' FWL OF SECTION 35-T24S-R30E
BHL: 200' FNL & 345' FWL OF SECTION 2-T24S-R30E 2627' FNL & 327' FWL OF SECTION 35-T24S-R30E

The proposed total depth is changing from 27126 MD; 11230 TVD (Purple Sage; Wolfcamp (Gas)) to 23374 MD; 10510 TVD (Bone Spring 3 Shale).

Continued on page 3 additional information

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
ADRIAN BAKER / Ph: (432) 236-3808

Title Regulatory Analyst

Signature (Electronic Submission)

Date 02/05/2025

THE SPACE FOR FEDERAL OR STATE OFICE USE

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

Title Petroleum Engineer

Date 02/06/2025

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

Office CARLSBAD

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

(Instructions on page 2)

GENERAL INSTRUCTIONS

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

SPECIFIC INSTRUCTIONS

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

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

NOTICES

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

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

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

Additional Information

Additional Remarks

See attached Drilling Plan for updated cement and casing program.

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

Location of Well

0. SHL: SWSW / 406 FSL / 191 FWL / TWSP: 24S / RANGE: 30E / SECTION: 23 / LAT: 32.211727 / LONG: -103.859656 (TVD: 0 feet, MD: 0 feet)

PPP: SWSW / 100 FSL / 345 FWL / TWSP: 24S / RANGE: 30E / SECTION: 14 / LAT: 32.210887 / LONG: -103.859161 (TVD: 11230 feet, MD: 11700 feet)

BHL: LOT 1 / 200 FNL / 345 FWL / TWSP: 24S / RANGE: 30E / SECTION: 2 / LAT: 32.253559 / LONG: -103.859132 (TVD: 11230 feet, MD: 27126 feet)

PECOS DISTRICT
DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME:	XTO
LEASE NO.:	**NMLC068905**
LOCATION:	Sec. 23, T.24 S, R 30 E
COUNTY:	Eddy County, New Mexico
WELL NAME & NO.:	Poker Lake 23 DTD Fed Com 101H
SURFACE HOLE FOOTAGE:	556'/S & 190'/W
BOTTOM HOLE FOOTAGE:	2627'/N & 327'/W

*Changes approved through engineering via **Sundry 2786591**_ on 2-6-2025__. Any previous COAs not addressed within the updated COAs still apply.*

COA

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

A. HYDROGEN SULFIDE

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

B. CASING

1. The **13-3/8** inch surface casing shall be set at approximately **870** 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.**

Option 2:

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 Choose an item. **at X'**

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

Operator has proposed to pump down **Choose an item. X Choose an item.** annulus. **perator shall run a CBL from TD of the** Choose an item. **casing to tieback requirements listed above after the second stage BH to verify TOC.** Submit results to the BLM. If cement does not tie-back into the previous casing shoe, a third stage remediation BH may be performed. The appropriate BLM office shall be notified.

Operator has proposed to pump down Choose an item. X Choose an item. 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 Choose an item. **casing to tieback requirements listed above after the second stage BH to verify TOC.** Submit results to the BLM. No displacement fluid/wash out shall be utilized at the top of the cement slurry between second stage BH and top out. Operator must use a limited flush fluid volume of 1 bbl following backside cementing procedures.

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

3. The minimum required fill of cement behind the **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 6564'.**

- **Second stage:** Operator will perform bradenhead squeeze and top-out. Cement should tie-back at least **200 feet** into previous casing string. Operator shall provide method of verification. **Wait on cement (WOC) time for a primary cement job is to include the lead cement slurry due to cave/karst.**

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 Intermediate 1 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.

4. The minimum required fill of cement behind the **5-1/2** inch production casing is:
    - Cement should tie-back at least **200 feet** into previous casing string. Operator shall provide method of verification. **Excess calculates to 15%. Additional cement maybe required.**

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)

Communitization Agreement

- The operator will submit a Communitization Agreement to the Santa Fe Office, 301 Dinosaur Trail Santa Fe, New Mexico 87508, at least 90 days before the anticipated date of first production from a well subject to a spacing order issued by the New Mexico Oil Conservation Division. The Communitization Agreement will include the signatures of all working interest owners in all Federal and Indian leases subject to the Communitization Agreement (i.e., operating rights owners and lessees of record), or certification that the operator has obtained the written signatures of all such owners and will make those signatures available to the BLM immediately upon request.
- The operator will submit an as-drilled survey well plat of the well completion, but are not limited to, those specified in 43 CFR 3171 and 3172.
- If the operator does not comply with this condition of approval, the BLM may take enforcement actions that include, but are not limited to, those specified in 43 CFR 3163.1.
- In addition, the well sign shall include the surface and bottom hole lease numbers. When the Communitization Agreement number is known, it shall also be on the sign.

BOPE Break Testing Variance

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

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

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

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

GENERAL REQUIREMENTS

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

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

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

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

A. CASING

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

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

B. PRESSURE CONTROL

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

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

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

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

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

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

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

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

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

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

C. DRILLING MUD

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

D. WASTE MATERIAL AND FLUIDS

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

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

Approved by Zota Stevens on 2/6/2025
575-234-5998 / zstevens@blm.gov

Well Name: POKER LAKE 23 DTD FEDERAL COM

Well Location: T24S / R30E / SEC 23 / SWSW / 32.211727 / -103.859656

County or Parish/State: EDDY / NM

Well Number: 101H

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMNM068905

Unit or CA Name:

Unit or CA Number:

US Well Number:

Operator: XTO PERMIAN OPERATING LLC

Notice of Intent

Sundry ID: 2786591

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 06/26/2024

Time Sundry Submitted: 01:27

Date proposed operation will begin: 05/08/2024

Procedure Description: XTO Permian Operating, LLC. respectfully requests approval to make the following changes to the approved APD. Changes to include SHL, FTP, LTP, BHL, Casing sizes, Cement, Proposed total Depth, and formation (Pool). FROM: TO: SHL: 406' FSL & 191' FWL OF SECTION 14-T24S-R30E 556' FSL & 190' FWL O/F SECTION 14-T24S-R30E FTP: 100' FSL & 345' FWL OF SECTION 14-T24S-R30E 100' FNL & 327' FWL OF SECTION 23-T24S-R30E LTP: 330' FNL & 345' FWL OF SECTION 2-T24S-R30E 2537' FNL & 327' FWL OF SECTION 35-T24S-R30E BHL: 200' FNL & 345' FWL OF SECTION 2-T24S-R30E 2627' FNL & 327' FWL OF SECTION 35-T24S-R30E The proposed total depth is changing from 27126' MD; 11230' TVD (Purple Sage; Wolfcamp (Gas)) to 23374' MD; 10510' TVD (Bone Spring 3 Shale). See attached Drilling Plan for updated cement and casing program. Attachments: C-102, Drilling Plan, Directional Plan, MBS, and BOP

NOI Attachments

Procedure Description

PLU_23_DTD_101H_Sundry_Documents_20250120105601.pdf

Well Name: POKER LAKE 23 DTD FEDERAL COM	**Well Location:** T24S / R30E / SEC 23 / SWSW / 32.211727 / -103.859656	**County or Parish/State:** EDDY / NM
Well Number: 101H	**Type of Well:** CONVENTIONAL GAS WELL	**Allottee or Tribe Name:**
Lease Number: NMNM068905	**Unit or CA Name:**	**Unit or CA Number:**
US Well Number:	**Operator:** XTO PERMIAN OPERATING LLC	

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: **Signed on:**

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 22777 SPRINGWOODS VILLAGE PARKWAY

City: SPRING **State:** TX

Phone: (432) 236-3808

Email address: ADRIAN.BAKER@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: Returned **Disposition Date:** 02/04/2025

Signature: null

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.

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.

2. Name of Operator

9. API Well No.

3a. Address

3b. Phone No. *(include area code)*

10. Field and Pool or Exploratory Area

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*

11. Country or Parish, State

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.)

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*

Title

Signature

Date

THE SPACE FOR FEDERAL OR STATE OFICE USE

Approved by

Title

Date

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

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

(Instructions on page 2)

GENERAL INSTRUCTIONS

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

SPECIFIC INSTRUCTIONS

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

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

NOTICES

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

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

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

Additional Information

Additional Remarks

See attached Drilling Plan for updated cement and casing program.

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

Location of Well

0. SHL: SWSW / 406 FSL / 191 FWL / TWSP: 24S / RANGE: 30E / SECTION: 23 / LAT: 32.211727 / LONG: -103.859656 (TVD: 0 feet, MD: 0 feet)

PPP: SWSW / 100 FSL / 345 FWL / TWSP: 24S / RANGE: 30E / SECTION: 14 / LAT: 32.210887 / LONG: -103.859161 (TVD: 11230 feet, MD: 11700 feet)

BHL: LOT 1 / 200 FNL / 345 FWL / TWSP: 24S / RANGE: 30E / SECTION: 2 / LAT: 32.253559 / LONG: -103.859132 (TVD: 11230 feet, MD: 27126 feet)

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
30-015-54378	97798	WILDCAT G-06 S243026M;BONE SPRING

[4] Property Code	[5] Property Name	[6] Well Number
	POKER LAKE UNIT 23 DTD FEDERAL COM	101H

[7] OGRID No.	[8] Operator Name	[9] Elevation
373075	XTO PERMIAN OPERATING, LLC	3,448'

[10] Surface Location

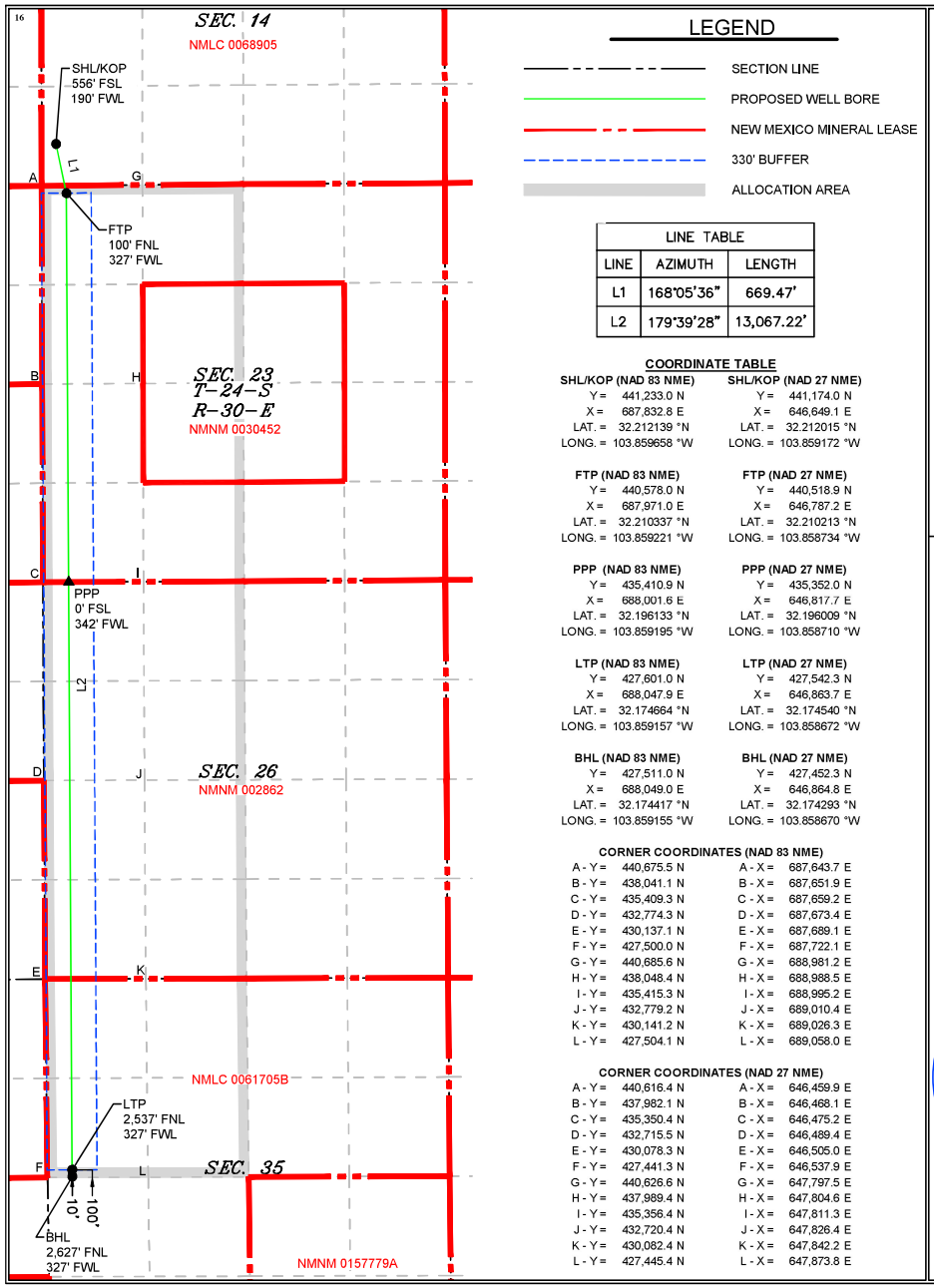
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	14	24S	30E		556	SOUTH	190	WEST	EDDY

[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
E	35	24S	30E		2,627	NORTH	327	WEST	EDDY

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



LEGEND

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

LINE TABLE		
LINE	AZIMUTH	LENGTH
L1	168°05'36"	669.47'
L2	179°39'28"	13,067.22'

COORDINATE TABLE

SHL/KOP (NAD 83 NME)	SHL/KOP (NAD 27 NME)
Y = 441,233.0 N	Y = 441,174.0 N
X = 687,832.8 E	X = 646,649.1 E
LAT. = 32.212139 °N	LAT. = 32.212015 °N
LONG. = 103.859658 °W	LONG. = 103.859172 °W

FTP (NAD 83 NME)	FTP (NAD 27 NME)
Y = 440,578.0 N	Y = 440,518.9 N
X = 687,971.0 E	X = 646,787.2 E
LAT. = 32.210337 °N	LAT. = 32.210213 °N
LONG. = 103.859221 °W	LONG. = 103.858734 °W

PPP (NAD 83 NME)	PPP (NAD 27 NME)
Y = 435,410.9 N	Y = 435,352.0 N
X = 688,001.6 E	X = 646,817.7 E
LAT. = 32.196133 °N	LAT. = 32.196009 °N
LONG. = 103.859195 °W	LONG. = 103.858710 °W

LTP (NAD 83 NME)	LTP (NAD 27 NME)
Y = 427,601.0 N	Y = 427,542.3 N
X = 688,047.9 E	X = 646,863.7 E
LAT. = 32.174664 °N	LAT. = 32.174540 °N
LONG. = 103.859157 °W	LONG. = 103.858672 °W

BHL (NAD 83 NME)	BHL (NAD 27 NME)
Y = 427,511.0 N	Y = 427,452.3 N
X = 688,049.0 E	X = 646,864.8 E
LAT. = 32.174417 °N	LAT. = 32.174293 °N
LONG. = 103.859155 °W	LONG. = 103.858670 °W

CORNER COORDINATES (NAD 83 NME)

A - Y = 440,675.5 N	A - X = 687,643.7 E
B - Y = 438,041.1 N	B - X = 687,651.9 E
C - Y = 435,409.3 N	C - X = 687,659.2 E
D - Y = 432,774.3 N	D - X = 687,673.4 E
E - Y = 430,137.1 N	E - X = 687,689.1 E
F - Y = 427,500.0 N	F - X = 687,722.1 E
G - Y = 440,685.6 N	G - X = 688,981.2 E
H - Y = 438,048.4 N	H - X = 688,988.5 E
I - Y = 435,415.3 N	I - X = 688,995.2 E
J - Y = 432,779.2 N	J - X = 689,010.4 E
K - Y = 430,141.2 N	K - X = 689,026.3 E
L - Y = 427,504.1 N	L - X = 689,058.0 E

CORNER COORDINATES (NAD 27 NME)

A - Y = 440,616.4 N	A - X = 646,459.9 E
B - Y = 437,982.1 N	B - X = 646,468.1 E
C - Y = 435,350.4 N	C - X = 646,475.2 E
D - Y = 432,715.5 N	D - X = 646,489.4 E
E - Y = 430,078.3 N	E - X = 646,505.0 E
F - Y = 427,441.3 N	F - X = 646,537.9 E
G - Y = 440,626.6 N	G - X = 647,797.5 E
H - Y = 437,989.4 N	H - X = 647,804.6 E
I - Y = 435,356.4 N	I - X = 647,811.3 E
J - Y = 432,720.4 N	J - X = 647,826.4 E
K - Y = 430,082.4 N	K - X = 647,842.2 E
L - Y = 427,445.4 N	L - X = 647,873.8 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.

Terra Sebastian 8/13/24
Signature Date

Terra Sebastian
Printed Name

terra.b.sebastian@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.

8/13/2024
Date of Survey

Signature and Seal of Professional Surveyor:

MARK DILLON HARP NEW MEXICO 23786 PROFESSIONAL SURVEYOR

MARK DILLON HARP 23786
Certificate Number

RP 618.013003.09-17

\618.013 XTO Energy – NM\003 Poker Lake Unit\.09 – PLU 23 DTD – EDDY\Wells\–17– PLU 23 DTD – 101H\DWG\101H C–102.dwg

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

XTO Energy Inc.
POKER LAKE UNIT 23 DTD Federal Com 101H
Projected TD: 23374' MD / 10510' TVD
SHL: 556' FSL & 190' FWL , Section 14, T24S, R30E
BHL: 2627' FNL & 327' FWL , Section 35, 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	1268'	Water
Top of Salt	1671'	Water
Base of Salt	3864'	Water
Delaware	4058'	Water
Brushy Canyon	6564'	Water/Oil/Gas
Bone Spring	7853'	Water
Avalon	8545'	Water/Oil/Gas
1st Bone Spring	8624'	Water/Oil/Gas
2nd Bone Spring	9226'	Water/Oil/Gas
3rd Bone Spring	9993'	Water/Oil/Gas
Target/Land Curve	10510'	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 @ 1646' (25' above the salt) and circulating cement back to surface. The salt will be isolated by setting 9.625 inch casing at 3964' 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 9594' A 6.75 inch curve and 6.75 inch lateral hole will be drilled to 23374 MD/TD and 5.5 inch production casing will be set at TD and cemented back up to 2nd intermediate (estimated TOC 9094 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' – 1646'	13.375	54.5	J-55	BTC	New	2.91	1.57	10.13
12.25	0' – 3964'	9.625	40	J-55	BTC	New	1.73	2.87	3.97
8.75	0' – 4064'	7.625	29.7	RY P-110	Flush Joint	New	2.90	2.88	1.96
8.75	4064' – 9594'	7.625	29.7	HC L-80	Flush Joint	New	2.11	3.55	2.47
6.75	0' – 9494'	5.5	20	RY P-110	Semi-Premium / Freedom HTQ	New	1.05	2.20	2.09
6.75	9494' - 23374'	5.5	20	RY P-110	Semi-Flush / Talon HTQ	New	1.05	1.99	5.48

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

· 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:

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

4. Cement Program

Surface Casing: 13.375, 54.5 New BTC, J-55 casing to be set at +/- 1646

Optional Lead: 1400 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

1st Intermediate Casing: 9.625, 40 New BTC, J-55 casing to be set at +/- 3964

Lead: 830 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 +/- 9594

1st Stage
Tail: 320 sxs Class C (mixed at 14.8 ppg, 1.27 ft3/sx, 6.39 gal/sx water)
TOC: Brushy Canyon @ 6564
Compressives: 12-hr = 900 psi 24 hr = 1150 psi

2nd Stage
Tail: 130 sxs Class C (mixed at 14.8 ppg, 2.77 ft3/sx, 6.39 gal/sx water)
Top of Cement: 3664
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 (6564') and the second stage performed as a bradenhead squeeze with planned cement from the Brushy Canyon to 3664'.

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 / Talon HTQ, RY P-110 casing to be set at +/- 23374

Lead: 20 sxs NeoCem (mixed at 11.5 ppg, 2.69 ft3/sx, 15.00 gal/sx water) Top of Cement: 9094 feet
Tail: 850 sxs VersaCem (mixed at 13.2 ppg, 1.51 ft3/sx, 8.38 gal/sx water) Top of Cement: 9898 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 surface casing, the blow out preventer equipment (BOP) will consist of a 5M Hydril Annular and a 10M Triple Ram BOP. XTO will use a Multi-Bowl system which is attached.

All BOP testing will be done by an independent service company. Operator will test as per 43 CFR 3172

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

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

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

6. Proposed Mud Circulation System

INTERVAL	Hole Size	Mud Type	MW (ppg)	Viscosity (sec/qt)	Fluid Loss (cc)	Additional Comments
0' - 1646'	17.5	FW/Native	8.4-8.9	35-40	NC	Fresh Water or Native Water
1646' - 3964'	12.25	Salt Saturated	10.5-11	30-32	NC	Fully Saturated Salt across Salado/Salt
3964' to 9594'	8.75	BDE/OBM	9-9.5	30-32	NC	N/A
9594' to 23374'	6.75	OBM	10.2-10.7	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 brine solution. A Saturated Salt mud will be used while drilling through the salt formation. Use fibrous materials as needed to control seepage and lost circulation. Pump viscous sweeps as needed for hole cleaning. Pump speed will be recorded on a daily drilling report after mudding up. A Pason or Totco will be used to detect changes in loss or gain of mud volume. A mud test will be performed every 24 hours to determine: density, viscosity, strength, filtration and pH as necessary. Use available solids controls equipment to help keep mud weight down after mud up. Rig up solids control equipment to operate as a closed loop system.

7. Auxiliary Well Control and Monitoring Equipment

A. A Kelly cock will be in the drill string at all times.
B. A full opening drill pipe stabbing valve having appropriate connections will be on the rig floor at all times.
C. H2S monitors will be on location when drilling below the 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 170 to 190 F is anticipated. No H2S is expected but monitors will be in place to detect any H2S occurrences. Should these circumstances be encountered the operator and drilling contractor are prepared to take all necessary steps to ensure safety of all personnel and environment. Lost circulation could occur but is not expected to be a serious problem in this area and hole seepage will be compensated for by additions of small amounts of LCM in the drilling fluid. The maximum anticipated bottom hole pressure for this well is 5575 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

Measured Depth:	23373.70 ft
TVD RKB:	10510.00 ft
Location	
Cartographic Reference System:	New Mexico East - NAD 27
Northing:	441174.00 ft
Easting:	646649.10 ft
RKB:	3480.00 ft
Ground Level:	3448.00 ft
North Reference:	Grid
Convergence Angle:	0.25 Deg

Plan Sections

Measured Depth (ft)	Inclination (Deg)	Azimuth (Deg)	TVD RKB (ft)	Y Offset (ft)	X Offset (ft)	Build Rate (Deg/100ft)	Turn Rate (Deg/100ft)	Dogleg Rate (Deg/100ft)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3950.00	0.00	0.00	3950.00	0.00	0.00	0.00	0.00	0.00	
5086.08	22.72	168.10	5056.54	-217.55	45.86	2.00	0.00	2.00	
5668.18	22.72	168.10	5593.46	-437.55	92.24	0.00	0.00	0.00	
6804.26	0.00	0.00	6700.00	-655.10	138.10	-2.00	0.00	2.00	
9898.06	0.00	0.00	9793.80	-655.10	138.10	0.00	0.00	0.00	
11023.06	90.00	179.66	10510.00	-1371.28	142.32	8.00	0.00	8.00	
23283.69	90.00	179.66	10510.00	-13631.69	214.65	0.00	0.00	0.00	LTP 1
23373.70	90.00	179.66	10510.00	-13721.71	215.18	0.00	0.00	0.00	BHL 1

Position Uncertainty

Measured Depth	Inclination	Azimuth	TVD RKB	Highside Error	Highside Bias	Lateral Error	Lateral Bias	Vertical Error	Vertical Bias	Magnitude of Bias	Semi-major Error	Semi-minor Error	Semi-minor Azimuth	Tool Used

(ft)	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(ft)	(°)	
0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
100.000	0.000	0.000	100.000	0.358	0.000	0.179	0.000	2.300	0.000	0.000	0.358	0.179	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
200.000	0.000	0.000	200.000	0.717	0.000	0.538	0.000	2.310	0.000	0.000	0.717	0.538	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
300.000	0.000	0.000	300.000	1.075	0.000	0.896	0.000	2.326	0.000	0.000	1.075	0.896	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
400.000	0.000	0.000	400.000	1.434	0.000	1.255	0.000	2.347	0.000	0.000	1.434	1.255	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
500.000	0.000	0.000	500.000	1.792	0.000	1.613	0.000	2.375	0.000	0.000	1.792	1.613	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
600.000	0.000	0.000	600.000	2.151	0.000	1.972	0.000	2.407	0.000	0.000	2.151	1.972	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
700.000	0.000	0.000	700.000	2.509	0.000	2.330	0.000	2.445	0.000	0.000	2.509	2.330	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
800.000	0.000	0.000	800.000	2.868	0.000	2.689	0.000	2.487	0.000	0.000	2.868	2.689	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
900.000	0.000	0.000	900.000	3.226	0.000	3.047	0.000	2.533	0.000	0.000	3.226	3.047	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
1000.000	0.000	0.000	1000.000	3.585	0.000	3.405	0.000	2.583	0.000	0.000	3.585	3.405	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
1100.000	0.000	0.000	1100.000	3.943	0.000	3.764	0.000	2.637	0.000	0.000	3.943	3.764	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
1200.000	0.000	0.000	1200.000	4.302	0.000	4.122	0.000	2.693	0.000	0.000	4.302	4.122	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
1300.000	0.000	0.000	1300.000	4.660	0.000	4.481	0.000	2.753	0.000	0.000	4.660	4.481	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
1400.000	0.000	0.000	1400.000	5.019	0.000	4.839	0.000	2.816	0.000	0.000	5.019	4.839	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
1500.000	0.000	0.000	1500.000	5.377	0.000	5.198	0.000	2.881	0.000	0.000	5.377	5.198	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
1600.000	0.000	0.000	1600.000	5.736	0.000	5.556	0.000	2.949	0.000	0.000	5.736	5.556	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
1700.000	0.000	0.000	1700.000	6.094	0.000	5.915	0.000	3.019	0.000	0.000	6.094	5.915	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
1800.000	0.000	0.000	1800.000	6.452	0.000	6.273	0.000	3.090	0.000	0.000	6.452	6.273	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
1900.000	0.000	0.000	1900.000	6.811	0.000	6.632	0.000	3.164	0.000	0.000	6.811	6.632	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
2000.000	0.000	0.000	2000.000	7.169	0.000	6.990	0.000	3.240	0.000	0.000	7.169	6.990	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
2100.000	0.000	0.000	2100.000	7.528	0.000	7.349	0.000	3.317	0.000	0.000	7.528	7.349	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
2200.000	0.000	0.000	2200.000	7.886	0.000	7.707	0.000	3.396	0.000	0.000	7.886	7.707	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
2300.000	0.000	0.000	2300.000	8.245	0.000	8.066	0.000	3.476	0.000	0.000	8.245	8.066	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
2400.000	0.000	0.000	2400.000	8.603	0.000	8.424	0.000	3.557	0.000	0.000	8.603	8.424	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
2500.000	0.000	0.000	2500.000	8.962	0.000	8.783	0.000	3.641	0.000	0.000	8.962	8.783	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
2600.000	0.000	0.000	2600.000	9.320	0.000	9.141	0.000	3.725	0.000	0.000	9.320	9.141	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
2700.000	0.000	0.000	2700.000	9.679	0.000	9.499	0.000	3.811	0.000	0.000	9.679	9.499	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
2800.000	0.000	0.000	2800.000	10.037	0.000	9.858	0.000	3.898	0.000	0.000	10.037	9.858	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
2900.000	0.000	0.000	2900.000	10.396	0.000	10.216	0.000	3.986	0.000	0.000	10.396	10.216	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
3000.000	0.000	0.000	3000.000	10.754	0.000	10.575	0.000	4.076	0.000	0.000	10.754	10.575	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
3100.000	0.000	0.000	3100.000	11.113	0.000	10.933	0.000	4.167	0.000	0.000	11.113	10.933	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
3200.000	0.000	0.000	3200.000	11.471	0.000	11.292	0.000	4.259	0.000	0.000	11.471	11.292	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23

3300.000	0.000	0.000	3300.000	11.830	0.000	11.650	0.000	4.352	0.000	0.000	11.830	11.650	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
3400.000	0.000	0.000	3400.000	12.188	0.000	12.009	0.000	4.447	0.000	0.000	12.188	12.009	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
3500.000	0.000	0.000	3500.000	12.547	0.000	12.367	0.000	4.543	0.000	0.000	12.547	12.367	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
3600.000	0.000	0.000	3600.000	12.905	0.000	12.726	0.000	4.641	0.000	0.000	12.905	12.726	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
3700.000	0.000	0.000	3700.000	13.263	0.000	13.084	0.000	4.739	0.000	0.000	13.263	13.084	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
3800.000	0.000	0.000	3800.000	13.622	0.000	13.443	0.000	4.840	0.000	0.000	13.622	13.443	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
3900.000	0.000	0.000	3900.000	13.980	0.000	13.801	0.000	4.941	0.000	0.000	13.980	13.801	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
3950.000	0.000	0.000	3950.000	14.160	0.000	13.980	0.000	4.993	0.000	0.000	14.160	13.980	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
4000.000	1.000	168.096	3999.997	14.320	0.000	14.158	-0.000	5.044	0.000	0.000	14.330	14.150	90.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
4100.000	3.000	168.096	4099.931	14.627	0.000	14.479	-0.000	5.148	0.000	0.000	14.653	14.472	89.999	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
4200.000	5.000	168.096	4199.683	14.920	0.000	14.800	-0.000	5.252	0.000	0.000	14.977	14.793	90.009	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
4300.000	7.000	168.096	4299.130	15.196	0.000	15.122	-0.000	5.357	0.000	0.000	15.301	15.113	90.076	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
4400.000	9.000	168.096	4398.152	15.456	0.000	15.442	-0.000	5.462	0.000	0.000	15.624	15.434	90.237	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
4500.000	11.000	168.096	4496.628	15.699	0.000	15.763	-0.000	5.567	0.000	0.000	15.947	15.754	90.528	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
4600.000	13.000	168.096	4594.437	15.925	0.000	16.084	-0.000	5.674	0.000	0.000	16.267	16.074	90.997	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
4700.000	15.000	168.096	4691.462	16.133	0.000	16.405	-0.000	5.783	0.000	0.000	16.585	16.394	91.703	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
4800.000	17.000	168.096	4787.583	16.323	0.000	16.726	-0.000	5.893	0.000	0.000	16.900	16.715	92.736	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
4900.000	19.000	168.096	4882.684	16.494	0.000	17.049	-0.000	6.005	0.000	0.000	17.212	17.035	94.242	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
5000.000	21.000	168.096	4976.649	16.646	0.000	17.372	-0.000	6.120	0.000	0.000	17.519	17.355	96.469	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
5086.080	22.722	168.096	5056.536	16.762	0.000	17.650	-0.000	6.222	0.000	0.000	17.782	17.631	99.231	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
5100.000	22.722	168.096	5069.375	16.807	0.000	17.696	-0.000	6.235	0.000	0.000	17.825	17.675	99.614	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
5200.000	22.722	168.096	5161.615	17.127	0.000	18.023	-0.000	6.368	0.000	0.000	18.128	17.996	104.980	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
5300.000	22.722	168.096	5253.854	17.449	0.000	18.356	-0.000	6.504	0.000	0.000	18.436	18.319	112.284	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
5400.000	22.722	168.096	5346.093	17.773	0.000	18.693	-0.000	6.645	0.000	0.000	18.752	18.639	121.369	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
5500.000	22.722	168.096	5438.332	18.099	0.000	19.033	-0.000	6.789	0.000	0.000	19.077	18.957	130.832	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
5600.000	22.722	168.096	5530.572	18.428	0.000	19.378	-0.000	6.936	0.000	0.000	19.411	19.272	-41.084	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
5668.184	22.722	168.096	5593.464	18.653	0.000	19.614	-0.000	7.039	0.000	0.000	19.642	19.485	-36.788	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
5700.000	22.085	168.096	5622.878	18.818	0.000	19.725	-0.000	7.089	0.000	0.000	19.751	19.584	-35.074	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
5800.000	20.085	168.096	5716.178	19.325	0.000	20.077	-0.000	7.248	0.000	0.000	20.098	19.899	-30.875	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
5900.000	18.085	168.096	5810.677	19.816	0.000	20.433	-0.000	7.411	0.000	0.000	20.451	20.219	-28.069	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
6000.000	16.085	168.096	5906.259	20.289	0.000	20.791	-0.000	7.573	0.000	0.000	20.806	20.545	-26.158	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
6100.000	14.085	168.096	6002.808	20.742	0.000	21.149	-0.000	7.735	0.000	0.000	21.164	20.876	-24.803	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
6200.000	12.085	168.096	6100.206	21.174	0.000	21.508	-0.000	7.896	0.000	0.000	21.521	21.211	-23.810	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
6300.000	10.085	168.096	6198.336	21.584	0.000	21.867	-0.000	8.056	0.000	0.000	21.879	21.550	-23.067	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23

6400.000	8.085	168.096	6297.076	21.972	0.000	22.224	-0.000	8.214	0.000	0.000	22.235	21.891	-22.501	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
6500.000	6.085	168.096	6396.307	22.335	0.000	22.579	-0.000	8.370	0.000	0.000	22.590	22.233	-22.064	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
6600.000	4.085	168.096	6495.909	22.674	0.000	22.932	-0.000	8.525	0.000	0.000	22.942	22.577	-21.724	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
6700.000	2.085	168.096	6595.759	22.988	0.000	23.282	-0.000	8.679	0.000	0.000	23.292	22.921	-21.455	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
6804.264	0.000	0.000	6700.000	23.332	0.000	23.602	0.000	8.837	0.000	0.000	23.652	23.282	-21.483	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
6900.000	0.000	0.000	6795.736	23.666	0.000	23.930	0.000	8.983	0.000	0.000	23.979	23.616	-21.761	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
7000.000	0.000	0.000	6895.736	24.016	0.000	24.272	0.000	9.138	0.000	0.000	24.322	23.966	-22.053	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
7100.000	0.000	0.000	6995.736	24.366	0.000	24.616	0.000	9.295	0.000	0.000	24.666	24.315	-22.347	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
7200.000	0.000	0.000	7095.736	24.717	0.000	24.959	0.000	9.455	0.000	0.000	25.010	24.665	-22.644	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
7300.000	0.000	0.000	7195.736	25.067	0.000	25.303	0.000	9.618	0.000	0.000	25.354	25.015	-22.942	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
7400.000	0.000	0.000	7295.736	25.418	0.000	25.647	0.000	9.784	0.000	0.000	25.699	25.366	-23.242	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
7500.000	0.000	0.000	7395.736	25.769	0.000	25.992	0.000	9.952	0.000	0.000	26.044	25.716	-23.544	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
7600.000	0.000	0.000	7495.736	26.120	0.000	26.337	0.000	10.123	0.000	0.000	26.389	26.067	-23.848	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
7700.000	0.000	0.000	7595.736	26.472	0.000	26.682	0.000	10.296	0.000	0.000	26.735	26.418	-24.154	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
7800.000	0.000	0.000	7695.736	26.823	0.000	27.028	0.000	10.473	0.000	0.000	27.081	26.769	-24.462	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
7900.000	0.000	0.000	7795.736	27.175	0.000	27.374	0.000	10.652	0.000	0.000	27.428	27.121	-24.771	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
8000.000	0.000	0.000	7895.736	27.527	0.000	27.721	0.000	10.834	0.000	0.000	27.775	27.472	-25.082	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
8100.000	0.000	0.000	7995.736	27.879	0.000	28.067	0.000	11.019	0.000	0.000	28.122	27.824	-25.394	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
8200.000	0.000	0.000	8095.736	28.231	0.000	28.414	0.000	11.207	0.000	0.000	28.469	28.176	-25.708	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
8300.000	0.000	0.000	8195.736	28.584	0.000	28.762	0.000	11.398	0.000	0.000	28.817	28.528	-26.024	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
8400.000	0.000	0.000	8295.736	28.936	0.000	29.109	0.000	11.591	0.000	0.000	29.165	28.880	-26.340	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
8500.000	0.000	0.000	8395.736	29.289	0.000	29.457	0.000	11.788	0.000	0.000	29.513	29.232	-26.658	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
8600.000	0.000	0.000	8495.736	29.642	0.000	29.805	0.000	11.987	0.000	0.000	29.862	29.584	-26.978	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
8700.000	0.000	0.000	8595.736	29.995	0.000	30.153	0.000	12.189	0.000	0.000	30.211	29.937	-27.298	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
8800.000	0.000	0.000	8695.736	30.348	0.000	30.502	0.000	12.394	0.000	0.000	30.560	30.290	-27.620	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
8900.000	0.000	0.000	8795.736	30.701	0.000	30.851	0.000	12.602	0.000	0.000	30.909	30.642	-27.942	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
9000.000	0.000	0.000	8895.736	31.054	0.000	31.200	0.000	12.814	0.000	0.000	31.259	30.995	-28.266	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
9100.000	0.000	0.000	8995.736	31.408	0.000	31.549	0.000	13.028	0.000	0.000	31.608	31.348	-28.590	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
9200.000	0.000	0.000	9095.736	31.761	0.000	31.898	0.000	13.245	0.000	0.000	31.958	31.701	-28.915	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
9300.000	0.000	0.000	9195.736	32.115	0.000	32.248	0.000	13.465	0.000	0.000	32.308	32.054	-29.241	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
9400.000	0.000	0.000	9295.736	32.469	0.000	32.598	0.000	13.688	0.000	0.000	32.659	32.408	-29.567	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
9500.000	0.000	0.000	9395.736	32.823	0.000	32.948	0.000	13.914	0.000	0.000	33.009	32.761	-29.894	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
9600.000	0.000	0.000	9495.736	33.177	0.000	33.298	0.000	14.143	0.000	0.000	33.360	33.115	-30.222	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
9700.000	0.000	0.000	9595.736	33.531	0.000	33.648	0.000	14.375	0.000	0.000	33.711	33.468	-30.549	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23

9800.000	0.000	0.000	9695.736	33.885	0.000	33.999	0.000	14.610	0.000	0.000	34.062	33.822	-30.877	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
9898.064	0.000	0.000	9793.800	34.233	0.000	34.343	0.000	14.843	0.000	0.000	34.406	34.169	-31.199	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
9900.000	0.155	179.662	9795.736	34.243	0.000	34.351	-0.000	14.848	0.000	0.000	34.413	34.175	-31.198	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
10000.000	8.155	179.662	9895.392	34.539	0.000	34.694	-0.000	15.089	0.000	0.000	34.755	34.514	-30.589	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
10100.000	16.155	179.662	9993.071	34.289	0.000	35.039	-0.000	15.331	0.000	0.000	35.098	34.851	-29.569	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
10200.000	24.155	179.662	10086.871	33.500	0.000	35.382	-0.000	15.565	0.000	0.000	35.437	35.174	-27.513	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
10300.000	32.155	179.662	10174.967	32.198	0.000	35.717	-0.000	15.788	0.000	0.000	35.765	35.472	-24.343	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
10400.000	40.155	179.662	10255.644	30.431	0.000	36.040	-0.000	15.996	0.000	0.000	36.082	35.736	-20.562	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
10500.000	48.155	179.662	10327.331	28.271	0.000	36.348	-0.000	16.186	0.000	0.000	36.383	35.958	-16.905	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
10600.000	56.155	179.662	10388.635	25.822	0.000	36.637	-0.000	16.359	0.000	0.000	36.666	36.134	-13.865	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
10700.000	64.155	179.662	10438.360	23.228	0.000	36.904	-0.000	16.512	0.000	0.000	36.929	36.264	-11.562	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
10800.000	72.155	179.662	10475.540	20.700	0.000	37.146	-0.000	16.647	0.000	0.000	37.169	36.351	-9.910	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
10900.000	80.155	179.662	10499.450	18.528	0.000	37.360	-0.000	16.766	0.000	0.000	37.380	36.403	-8.771	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
11000.000	88.155	179.662	10509.626	17.082	0.000	37.542	-0.000	16.870	0.000	0.000	37.562	36.429	-8.027	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
11023.064	90.000	179.662	10509.997	16.892	0.000	37.578	-0.000	16.892	0.000	0.000	37.598	36.433	-7.913	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
11100.000	90.000	179.662	10509.997	16.967	0.000	37.702	-0.000	16.967	0.000	0.000	37.721	36.441	-7.532	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
11200.000	90.000	179.662	10509.997	17.075	0.000	37.874	-0.000	17.075	0.000	0.000	37.894	36.453	-7.073	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
11300.000	90.000	179.662	10509.997	17.195	0.000	38.059	-0.000	17.195	0.000	0.000	38.078	36.465	-6.659	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
11400.000	90.000	179.662	10509.997	17.325	0.000	38.256	-0.000	17.325	0.000	0.000	38.274	36.478	-6.287	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
11500.000	90.000	179.662	10509.997	17.467	0.000	38.464	-0.000	17.467	0.000	0.000	38.482	36.492	-5.950	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
11600.000	90.000	179.662	10509.997	17.619	0.000	38.683	-0.000	17.619	0.000	0.000	38.701	36.506	-5.645	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
11700.000	90.000	179.662	10509.997	17.781	0.000	38.913	-0.000	17.781	0.000	0.000	38.931	36.521	-5.369	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
11800.000	90.000	179.662	10509.997	17.954	0.000	39.155	-0.000	17.954	0.000	0.000	39.172	36.537	-5.117	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
11900.000	90.000	179.662	10509.997	18.136	0.000	39.407	-0.000	18.136	0.000	0.000	39.424	36.553	-4.887	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
12000.000	90.000	179.662	10509.997	18.328	0.000	39.669	-0.000	18.328	0.000	0.000	39.687	36.570	-4.676	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
12100.000	90.000	179.662	10509.997	18.528	0.000	39.942	-0.000	18.528	0.000	0.000	39.959	36.587	-4.483	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
12200.000	90.000	179.662	10509.997	18.738	0.000	40.226	-0.000	18.738	0.000	0.000	40.242	36.605	-4.306	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
12300.000	90.000	179.662	10509.997	18.956	0.000	40.519	-0.000	18.956	0.000	0.000	40.535	36.624	-4.141	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
12400.000	90.000	179.662	10509.997	19.183	0.000	40.821	-0.000	19.183	0.000	0.000	40.838	36.644	-3.990	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
12500.000	90.000	179.662	10509.997	19.417	0.000	41.134	-0.000	19.417	0.000	0.000	41.150	36.664	-3.849	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
12600.000	90.000	179.662	10509.997	19.660	0.000	41.455	-0.000	19.660	0.000	0.000	41.471	36.684	-3.718	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
12700.000	90.000	179.662	10509.997	19.909	0.000	41.786	-0.000	19.909	0.000	0.000	41.801	36.706	-3.596	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
12800.000	90.000	179.662	10509.997	20.166	0.000	42.125	-0.000	20.166	0.000	0.000	42.140	36.728	-3.482	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
12900.000	90.000	179.662	10509.997	20.430	0.000	42.473	-0.000	20.430	0.000	0.000	42.488	36.750	-3.376	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23

13000.000	90.000	179.662	10509.997	20.700	0.000	42.830	-0.000	20.700	0.000	0.000	42.844	36.773	-3.276	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
13100.000	90.000	179.662	10509.997	20.977	0.000	43.194	-0.000	20.977	0.000	0.000	43.209	36.797	-3.182	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
13200.000	90.000	179.662	10509.997	21.260	0.000	43.567	-0.000	21.260	0.000	0.000	43.581	36.822	-3.094	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
13300.000	90.000	179.662	10509.997	21.548	0.000	43.947	-0.000	21.548	0.000	0.000	43.962	36.847	-3.011	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
13400.000	90.000	179.662	10509.997	21.843	0.000	44.336	-0.000	21.843	0.000	0.000	44.350	36.873	-2.933	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
13500.000	90.000	179.662	10509.997	22.142	0.000	44.731	-0.000	22.142	0.000	0.000	44.745	36.899	-2.859	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
13600.000	90.000	179.662	10509.997	22.447	0.000	45.134	-0.000	22.447	0.000	0.000	45.147	36.926	-2.789	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
13700.000	90.000	179.662	10509.997	22.757	0.000	45.543	-0.000	22.757	0.000	0.000	45.557	36.954	-2.723	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
13800.000	90.000	179.662	10509.997	23.072	0.000	45.960	-0.000	23.072	0.000	0.000	45.973	36.982	-2.660	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
13900.000	90.000	179.662	10509.997	23.391	0.000	46.383	-0.000	23.391	0.000	0.000	46.396	37.011	-2.600	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
14000.000	90.000	179.662	10509.997	23.715	0.000	46.813	-0.000	23.715	0.000	0.000	46.826	37.041	-2.543	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
14100.000	90.000	179.662	10509.997	24.043	0.000	47.249	-0.000	24.043	0.000	0.000	47.262	37.071	-2.489	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
14200.000	90.000	179.662	10509.997	24.375	0.000	47.691	-0.000	24.375	0.000	0.000	47.703	37.101	-2.438	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
14300.000	90.000	179.662	10509.997	24.711	0.000	48.139	-0.000	24.711	0.000	0.000	48.151	37.133	-2.388	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
14400.000	90.000	179.662	10509.997	25.050	0.000	48.593	-0.000	25.050	0.000	0.000	48.605	37.165	-2.341	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
14500.000	90.000	179.662	10509.997	25.393	0.000	49.052	-0.000	25.393	0.000	0.000	49.064	37.197	-2.296	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
14600.000	90.000	179.662	10509.997	25.740	0.000	49.517	-0.000	25.740	0.000	0.000	49.529	37.231	-2.253	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
14700.000	90.000	179.662	10509.997	26.090	0.000	49.987	-0.000	26.090	0.000	0.000	49.999	37.265	-2.212	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
14800.000	90.000	179.662	10509.997	26.443	0.000	50.463	-0.000	26.443	0.000	0.000	50.474	37.299	-2.173	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
14900.000	90.000	179.662	10509.997	26.799	0.000	50.943	-0.000	26.799	0.000	0.000	50.955	37.334	-2.135	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
15000.000	90.000	179.662	10509.997	27.158	0.000	51.428	-0.000	27.158	0.000	0.000	51.440	37.370	-2.099	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
15100.000	90.000	179.662	10509.997	27.520	0.000	51.918	-0.000	27.520	0.000	0.000	51.930	37.406	-2.064	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
15200.000	90.000	179.662	10509.997	27.885	0.000	52.413	-0.000	27.885	0.000	0.000	52.424	37.443	-2.030	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
15300.000	90.000	179.662	10509.997	28.252	0.000	52.912	-0.000	28.252	0.000	0.000	52.923	37.480	-1.998	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
15400.000	90.000	179.662	10509.997	28.622	0.000	53.415	-0.000	28.622	0.000	0.000	53.426	37.518	-1.966	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
15500.000	90.000	179.662	10509.997	28.994	0.000	53.923	-0.000	28.994	0.000	0.000	53.934	37.557	-1.936	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
15600.000	90.000	179.662	10509.997	29.369	0.000	54.435	-0.000	29.369	0.000	0.000	54.446	37.596	-1.907	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
15700.000	90.000	179.662	10509.997	29.745	0.000	54.951	-0.000	29.745	0.000	0.000	54.961	37.636	-1.879	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
15800.000	90.000	179.662	10509.997	30.124	0.000	55.470	-0.000	30.124	0.000	0.000	55.481	37.677	-1.853	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
15900.000	90.000	179.662	10509.997	30.505	0.000	55.994	-0.000	30.505	0.000	0.000	56.004	37.718	-1.826	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
16000.000	90.000	179.662	10509.997	30.888	0.000	56.521	-0.000	30.888	0.000	0.000	56.531	37.760	-1.801	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
16100.000	90.000	179.662	10509.997	31.273	0.000	57.052	-0.000	31.273	0.000	0.000	57.062	37.802	-1.777	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
16200.000	90.000	179.662	10509.997	31.659	0.000	57.586	-0.000	31.659	0.000	0.000	57.596	37.845	-1.753	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
16300.000	90.000	179.662	10509.997	32.048	0.000	58.124	-0.000	32.048	0.000	0.000	58.133	37.888	-1.731	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23

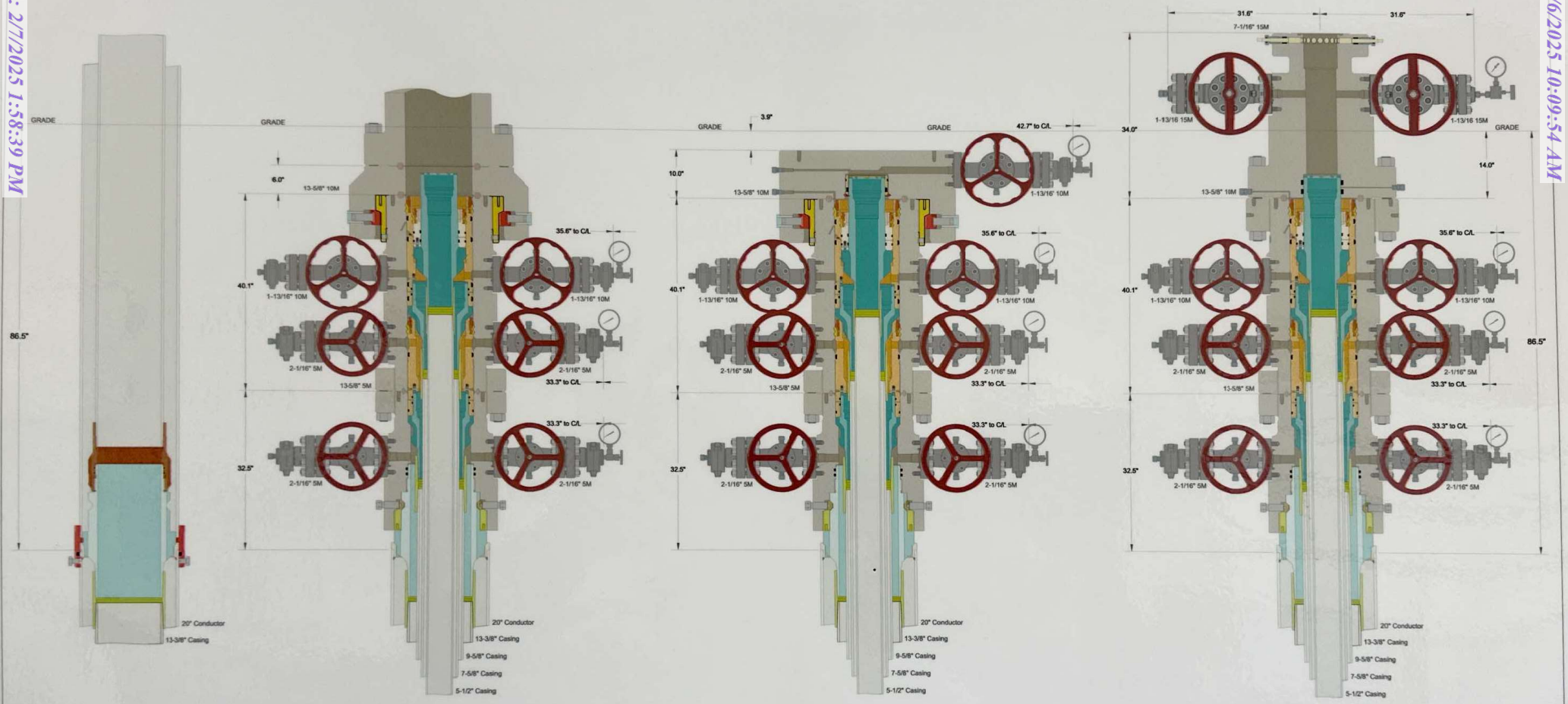
16400.000	90.000	179.662	10509.997	32.438	0.000	58.664	-0.000	32.438	0.000	0.000	58.674	37.932	-1.708	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
16500.000	90.000	179.662	10509.997	32.830	0.000	59.209	-0.000	32.830	0.000	0.000	59.218	37.977	-1.687	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
16600.000	90.000	179.662	10509.997	33.223	0.000	59.756	-0.000	33.223	0.000	0.000	59.765	38.022	-1.666	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
16700.000	90.000	179.662	10509.997	33.618	0.000	60.306	-0.000	33.618	0.000	0.000	60.315	38.068	-1.646	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
16800.000	90.000	179.662	10509.997	34.014	0.000	60.859	-0.000	34.014	0.000	0.000	60.868	38.114	-1.627	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
16900.000	90.000	179.662	10509.997	34.412	0.000	61.415	-0.000	34.412	0.000	0.000	61.424	38.161	-1.608	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
17000.000	90.000	179.662	10509.997	34.812	0.000	61.974	-0.000	34.812	0.000	0.000	61.983	38.208	-1.589	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
17100.000	90.000	179.662	10509.997	35.212	0.000	62.535	-0.000	35.212	0.000	0.000	62.544	38.256	-1.571	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
17200.000	90.000	179.662	10509.997	35.614	0.000	63.100	-0.000	35.614	0.000	0.000	63.108	38.305	-1.554	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
17300.000	90.000	179.662	10509.997	36.017	0.000	63.666	-0.000	36.017	0.000	0.000	63.675	38.354	-1.537	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
17400.000	90.000	179.662	10509.997	36.421	0.000	64.235	-0.000	36.421	0.000	0.000	64.244	38.404	-1.520	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
17500.000	90.000	179.662	10509.997	36.827	0.000	64.807	-0.000	36.827	0.000	0.000	64.816	38.454	-1.504	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
17600.000	90.000	179.662	10509.997	37.234	0.000	65.381	-0.000	37.234	0.000	0.000	65.390	38.505	-1.489	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
17700.000	90.000	179.662	10509.997	37.641	0.000	65.957	-0.000	37.641	0.000	0.000	65.966	38.556	-1.474	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
17800.000	90.000	179.662	10509.997	38.050	0.000	66.536	-0.000	38.050	0.000	0.000	66.544	38.608	-1.459	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
17900.000	90.000	179.662	10509.997	38.460	0.000	67.117	-0.000	38.460	0.000	0.000	67.125	38.661	-1.444	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
18000.000	90.000	179.662	10509.997	38.871	0.000	67.700	-0.000	38.871	0.000	0.000	67.708	38.714	-1.430	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
18100.000	90.000	179.662	10509.997	39.282	0.000	68.285	-0.000	39.282	0.000	0.000	68.293	38.767	-1.417	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
18200.000	90.000	179.662	10509.997	39.695	0.000	68.872	-0.000	39.695	0.000	0.000	68.880	38.822	-1.403	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
18300.000	90.000	179.662	10509.997	40.109	0.000	69.461	-0.000	40.109	0.000	0.000	69.469	38.876	-1.390	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
18400.000	90.000	179.662	10509.997	40.523	0.000	70.052	-0.000	40.523	0.000	0.000	70.059	38.931	-1.377	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
18500.000	90.000	179.662	10509.997	40.938	0.000	70.644	-0.000	40.938	0.000	0.000	70.652	38.987	-1.365	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
18600.000	90.000	179.662	10509.997	41.354	0.000	71.239	-0.000	41.354	0.000	0.000	71.247	39.044	-1.353	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
18700.000	90.000	179.662	10509.997	41.771	0.000	71.835	-0.000	41.771	0.000	0.000	71.843	39.100	-1.341	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
18800.000	90.000	179.662	10509.997	42.189	0.000	72.433	-0.000	42.189	0.000	0.000	72.441	39.158	-1.329	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
18900.000	90.000	179.662	10509.997	42.608	0.000	73.033	-0.000	42.608	0.000	0.000	73.041	39.216	-1.318	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
19000.000	90.000	179.662	10509.997	43.027	0.000	73.635	-0.000	43.027	0.000	0.000	73.642	39.274	-1.307	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
19100.000	90.000	179.662	10509.997	43.447	0.000	74.238	-0.000	43.447	0.000	0.000	74.245	39.333	-1.296	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
19200.000	90.000	179.662	10509.997	43.867	0.000	74.843	-0.000	43.867	0.000	0.000	74.850	39.392	-1.286	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
19300.000	90.000	179.662	10509.997	44.288	0.000	75.449	-0.000	44.288	0.000	0.000	75.456	39.452	-1.275	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
19400.000	90.000	179.662	10509.997	44.710	0.000	76.057	-0.000	44.710	0.000	0.000	76.064	39.513	-1.265	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
19500.000	90.000	179.662	10509.997	45.133	0.000	76.666	-0.000	45.133	0.000	0.000	76.673	39.574	-1.255	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
19600.000	90.000	179.662	10509.997	45.556	0.000	77.276	-0.000	45.556	0.000	0.000	77.283	39.635	-1.246	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
19700.000	90.000	179.662	10509.997	45.980	0.000	77.888	-0.000	45.980	0.000	0.000	77.895	39.697	-1.236	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23

19800.000	90.000	179.662	10509.997	46.404	0.000	78.502	-0.000	46.404	0.000	0.000	78.509	39.760	-1.227	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
19900.000	90.000	179.662	10509.997	46.829	0.000	79.116	-0.000	46.829	0.000	0.000	79.123	39.823	-1.218	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
20000.000	90.000	179.662	10509.997	47.254	0.000	79.732	-0.000	47.254	0.000	0.000	79.739	39.887	-1.209	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
20100.000	90.000	179.662	10509.997	47.680	0.000	80.350	-0.000	47.680	0.000	0.000	80.357	39.951	-1.200	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
20200.000	90.000	179.662	10509.997	48.107	0.000	80.968	-0.000	48.107	0.000	0.000	80.975	40.015	-1.191	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
20300.000	90.000	179.662	10509.997	48.534	0.000	81.588	-0.000	48.534	0.000	0.000	81.595	40.080	-1.183	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
20400.000	90.000	179.662	10509.997	48.961	0.000	82.209	-0.000	48.961	0.000	0.000	82.216	40.146	-1.175	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
20500.000	90.000	179.662	10509.997	49.389	0.000	82.831	-0.000	49.389	0.000	0.000	82.838	40.212	-1.167	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
20600.000	90.000	179.662	10509.997	49.818	0.000	83.454	-0.000	49.818	0.000	0.000	83.461	40.278	-1.159	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
20700.000	90.000	179.662	10509.997	50.246	0.000	84.079	-0.000	50.246	0.000	0.000	84.085	40.345	-1.151	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
20800.000	90.000	179.662	10509.997	50.676	0.000	84.704	-0.000	50.676	0.000	0.000	84.711	40.413	-1.143	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
20900.000	90.000	179.662	10509.997	51.106	0.000	85.331	-0.000	51.106	0.000	0.000	85.337	40.481	-1.136	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
21000.000	90.000	179.662	10509.997	51.536	0.000	85.958	-0.000	51.536	0.000	0.000	85.965	40.549	-1.128	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
21100.000	90.000	179.662	10509.997	51.966	0.000	86.587	-0.000	51.966	0.000	0.000	86.593	40.618	-1.121	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
21200.000	90.000	179.662	10509.997	52.397	0.000	87.216	-0.000	52.397	0.000	0.000	87.223	40.687	-1.114	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
21300.000	90.000	179.662	10509.997	52.829	0.000	87.847	-0.000	52.829	0.000	0.000	87.853	40.757	-1.107	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
21400.000	90.000	179.662	10509.997	53.261	0.000	88.478	-0.000	53.261	0.000	0.000	88.484	40.828	-1.100	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
21500.000	90.000	179.662	10509.997	53.693	0.000	89.111	-0.000	53.693	0.000	0.000	89.117	40.898	-1.094	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
21600.000	90.000	179.662	10509.997	54.125	0.000	89.744	-0.000	54.125	0.000	0.000	89.750	40.970	-1.087	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
21700.000	90.000	179.662	10509.997	54.558	0.000	90.378	-0.000	54.558	0.000	0.000	90.384	41.041	-1.080	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
21800.000	90.000	179.662	10509.997	54.991	0.000	91.013	-0.000	54.991	0.000	0.000	91.019	41.114	-1.074	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
21900.000	90.000	179.662	10509.997	55.425	0.000	91.649	-0.000	55.425	0.000	0.000	91.655	41.186	-1.068	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
22000.000	90.000	179.662	10509.997	55.859	0.000	92.286	-0.000	55.859	0.000	0.000	92.292	41.259	-1.062	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
22100.000	90.000	179.662	10509.997	56.293	0.000	92.924	-0.000	56.293	0.000	0.000	92.929	41.333	-1.056	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
22200.000	90.000	179.662	10509.997	56.728	0.000	93.562	-0.000	56.728	0.000	0.000	93.568	41.407	-1.050	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
22300.000	90.000	179.662	10509.997	57.162	0.000	94.201	-0.000	57.162	0.000	0.000	94.207	41.481	-1.044	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
22400.000	90.000	179.662	10509.997	57.597	0.000	94.841	-0.000	57.597	0.000	0.000	94.847	41.556	-1.038	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
22500.000	90.000	179.662	10509.997	58.033	0.000	95.482	-0.000	58.033	0.000	0.000	95.488	41.632	-1.032	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
22600.000	90.000	179.662	10509.997	58.469	0.000	96.123	-0.000	58.469	0.000	0.000	96.129	41.707	-1.027	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
22700.000	90.000	179.662	10509.997	58.905	0.000	96.766	-0.000	58.905	0.000	0.000	96.771	41.783	-1.021	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
22800.000	90.000	179.662	10509.997	59.341	0.000	97.408	-0.000	59.341	0.000	0.000	97.414	41.860	-1.016	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
22900.000	90.000	179.662	10509.997	59.777	0.000	98.052	-0.000	59.777	0.000	0.000	98.058	41.937	-1.010	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
23000.000	90.000	179.662	10509.997	60.214	0.000	98.696	-0.000	60.214	0.000	0.000	98.702	42.015	-1.005	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
23100.000	90.000	179.662	10509.997	60.651	0.000	99.341	-0.000	60.651	0.000	0.000	99.347	42.093	-1.000	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23

23200.000	90.000	179.662	10509.997	61.089	0.000	99.987	-0.000	61.089	0.000	0.000	99.992	42.171	-0.995	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
23283.688	90.000	179.662	10509.997	61.455	0.000	100.527	-0.000	61.455	0.000	0.000	100.533	42.237	-0.991	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
23300.000	90.000	179.662	10509.997	61.526	0.000	100.632	-0.000	61.526	0.000	0.000	100.638	42.250	-0.990	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23
23373.703	90.000	179.662	10509.997	61.849	0.000	101.109	-0.000	61.849	0.000	0.000	101.114	42.308	-0.986	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_23

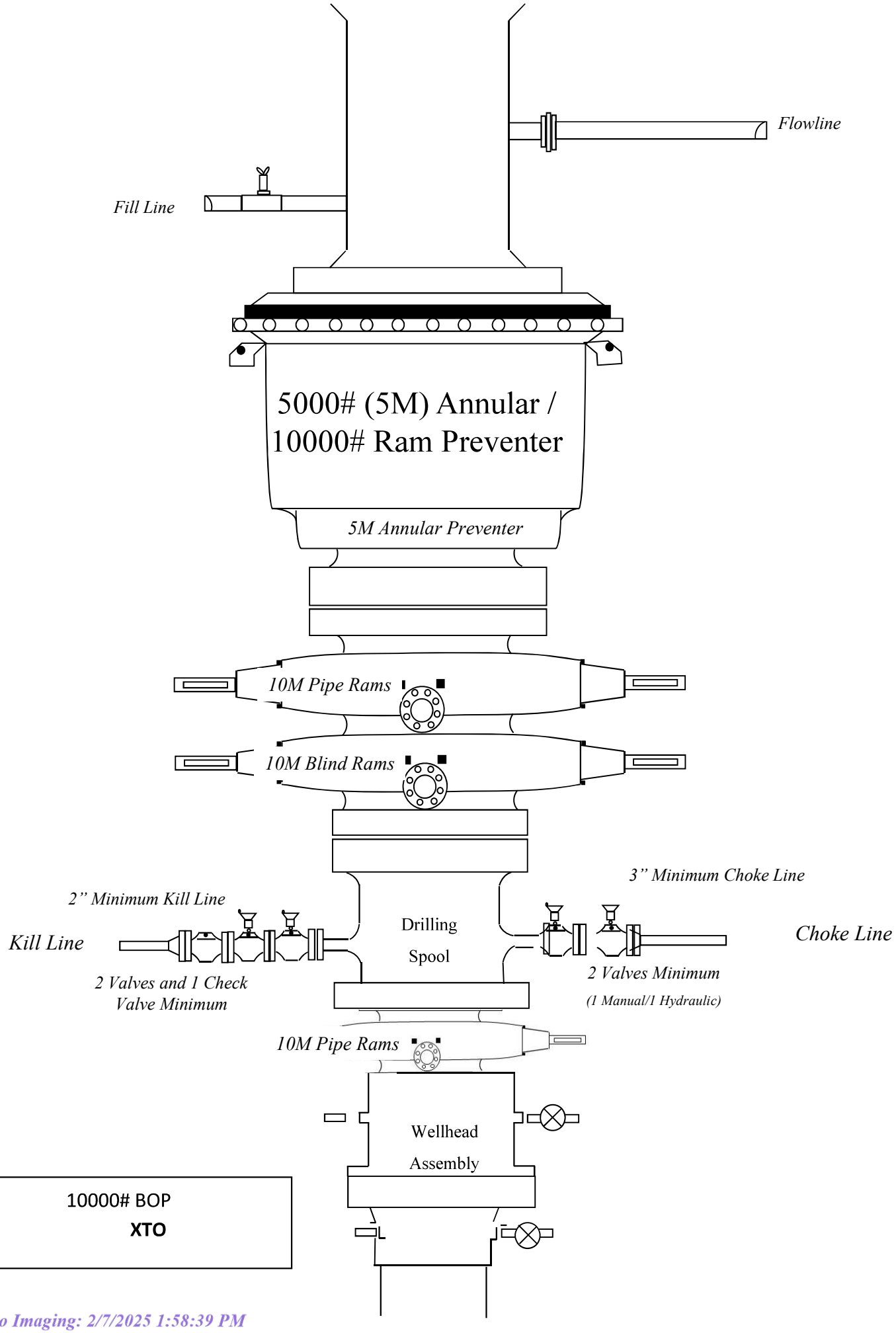
Plan Targets

Target Name	Measured Depth (ft)	Grid Northing (ft)	Grid Easting (ft)	TVD MSL (ft)	Target Shape
FTP 1	10800.34	440518.90	646787.20	7030.00	RECTANGLE
SHL 3	10358.18	441176.21	646754.45	6107.29	RECTANGLE
LTP 1	23283.74	427542.30	646863.70	7030.00	RECTANGLE
BHL 1	23373.70	427452.30	646864.80	7030.00	RECTANGLE



ALL DIMENSIONS APPROXIMATE

CACTUS WELLHEAD LLC	XTO ENERGY INC DELAWARE BASIN		
(20") x 13-3/8" x 9-5/8" x 7-5/8" x 5-1/2" MBU-4T-CFL-R-DBLO With 13-5/8" 10M x 7-1/16" 15M CTH-DBLHPS-SB Tubing Head And Drilling & Skid Configurations	DRAWN	DLE	10SEP21
	APPRV		
	DRAWING NO.	SDT-3301	



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U. S. Steel Tubular Products

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

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

Notes

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

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

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connections@uss.com
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U. S. Steel Tubular Products

11/29/2021 4:16:04 PM

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

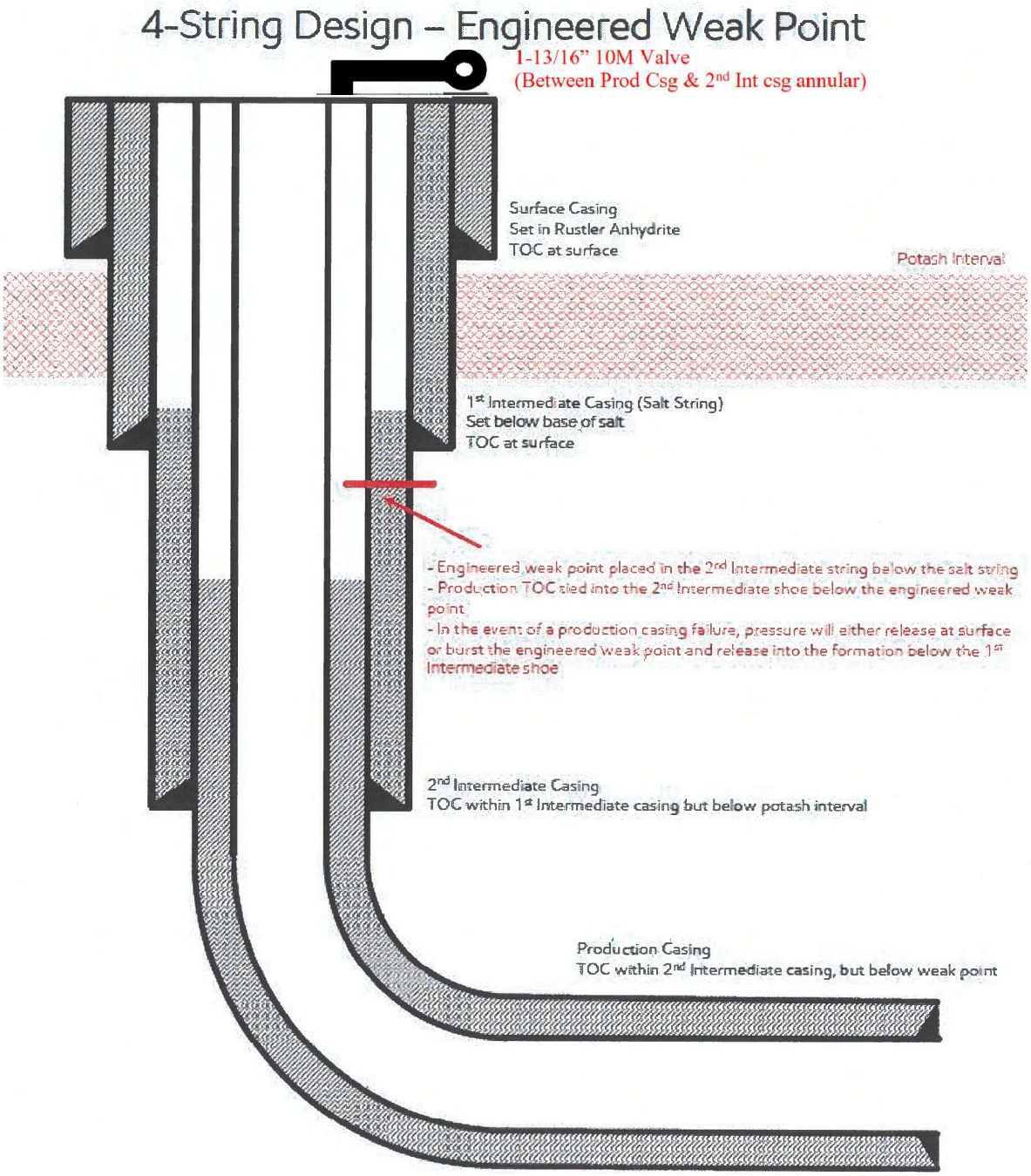
MECHANICAL PROPERTIES	Pipe	USS-TALON HTQ™ RD		[6]
Minimum Yield Strength	110,000	--	psi	--
Maximum Yield Strength	125,000	--	psi	--
Minimum Tensile Strength	125,000	--	psi	--
DIMENSIONS	**Pipe**	**USS-TALON HTQ™ RD**		**--**
Outside Diameter	5.500	5.900	in.	--
Wall Thickness	0.361	--	in.	--
Inside Diameter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

Notes

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

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

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



[Figure F] 4 String – 2nd Intermediate casing engineered weak point

31592723_v1

Update May 2024:
XTO is aware of the R111-Q update and will comply with these requirements including (but not limited to):
1) Alignment with KPLA requirements per schematic above, leaving open annulus for pressure monitoring during frac and utilizing new casing that meets API standards
2) Contingency plans in place to divert formation fluids away from salt interval in event of production casing failure
3) Bradenhead squeeze to be completed within 180days to tie back TOC to salt string at least 500ft but with top below Marker Bed 126
4) Production cement to be tied back no less than 500ft inside previous casing shoe

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

Description of Operations:

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

BLACK GOLD®

GATES ENGINEERING & SERVICES NORTH AMERICA
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Houston, TX. 77086

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

NEW CHOKE HOSE
INSTALLED 02-10-2024

CERTIFICATE OF CONFORMANCE

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

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

SIGNATURE: F. OSMOS

TITLE: QUALITY ASSURANCE

DATE: 1/25/2024

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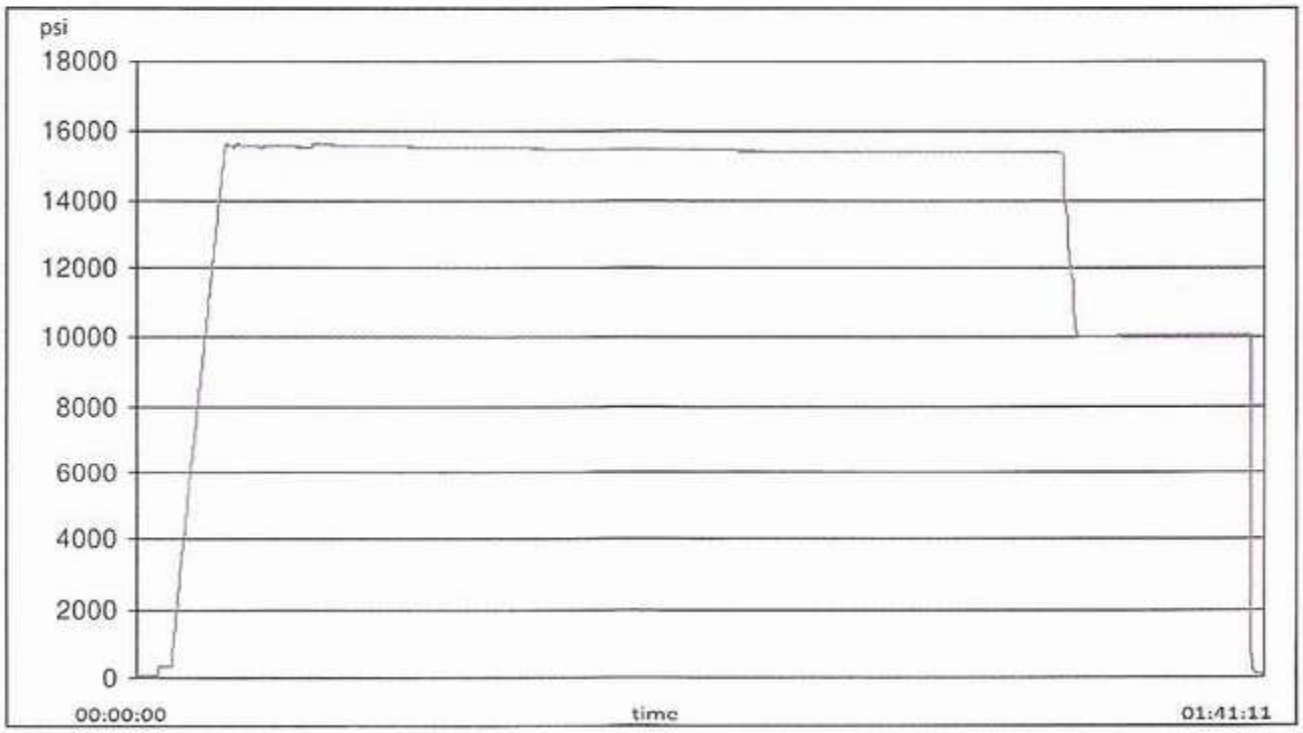
1/25/2024 11:48:06 AM

TEST REPORT

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



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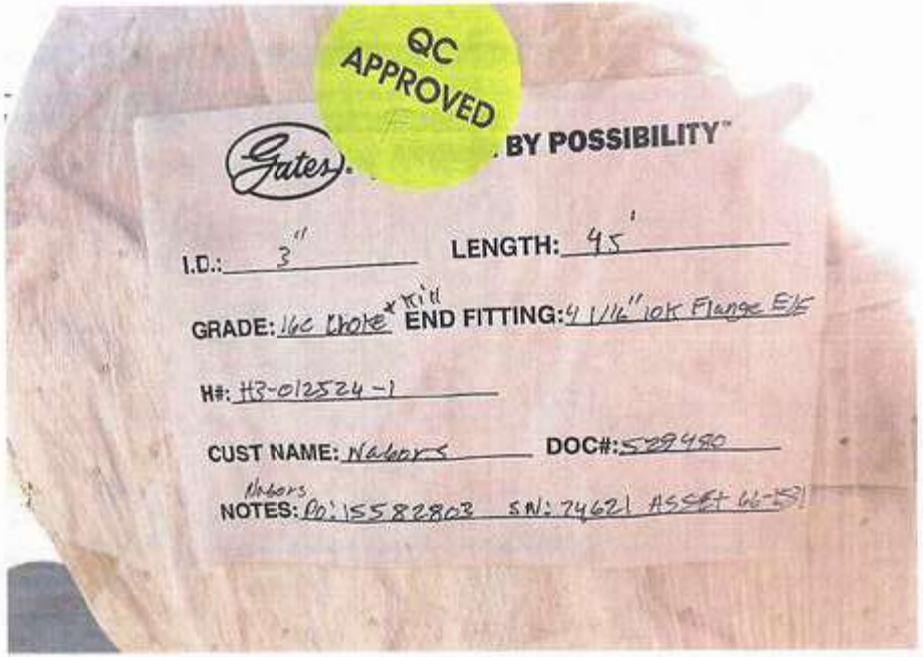
TEST REPORT

GAUGE TRACEABILITY

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

Comment



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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Operator:	OGRID:
XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	373075
	Action Number: 429103
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Must submit C-102 on new C-102 form as required by OCD post 8/1/2024.	2/7/2025
ward.rikala	Any previous COA's not addressed within the updated COA's still apply.	2/7/2025