AFMSS

U.S. Department of the Interior
Bureau of Land Management

Application for Permit to Drill

APD Package Report

Date Printed: 10/18/2024 03:25 PM

APD ID:	10400097901	Well Status:	AAPD
APD Received Date:	04/11/2024 09:53 AM	Well Name:	POKER LAKE UNIT 22 DTD
Operator:	XTO PERMIAN OPERATING LLC	Well Number:	203H

APD Package Report Contents

- Form 3160-3

- Operator Certification Report

- Application Report
- Application Attachments
  -- Well Plat: 1 file(s)

- Drilling Plan Report
- Drilling Plan Attachments
  -- Blowout Prevention Choke Diagram Attachment: 1 file(s)
  -- Blowout Prevention BOP Diagram Attachment: 1 file(s)
  -- Casing Spec Documents: 2 file(s)
  -- Casing Taperd String Specs: 2 file(s)
  -- Casing Design Assumptions and Worksheet(s): 3 file(s)
  -- Hydrogen sulfide drilling operations plan: 1 file(s)
  -- Proposed horizontal/directional/multi-lateral plan submission: 1 file(s)
  -- Other Facets: 7 file(s)
  -- Other Variances: 3 file(s)

- SUPO Report
- SUPO Attachments
  -- Existing Road Map: 1 file(s)
  -- Attach Well map: 1 file(s)
  -- Water source and transportation map: 1 file(s)
  -- Well Site Layout Diagram: 1 file(s)
  -- Recontouring attachment: 4 file(s)
  -- Other SUPO Attachment: 1 file(s)

- PWD Report
- PWD Attachments
  -- None

- Bond Report
- Bond Attachments
  -- None

Form 3160-3
(June 2015)

FORM APPROVED
OMB No. 1004-0137
Expires: January 31, 2018

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

5. Lease Serial No.: NMLC068431

6. If Indian, Allotee or Tribe Name:

1a. Type of work: ☑ DRILL ☐ REENTER

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

1c. Type of Completion: ☐ Hydraulic Fracturing ☐ Single Zone ☑ Multiple Zone

7. If Unit or CA Agreement, Name and No.: NMNM071016X/POKER LAKE UNIT

8. Lease Name and Well No.: POKER LAKE UNIT 22 DTD 203H

2. Name of Operator: XTO PERMIAN OPERATING LLC

9. API Well No.: 30-015-55579

3a. Address: 6401 HOLIDAY HILL ROAD BLDG 5, MIDLAND, TX 7970

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

10. Field and Pool, or Exploratory: Wildcat G-06 S243026M/BONE SPRING

4. Location of Well *(Report location clearly and in accordance with any State requirements.*)*

At surface: NENW / 13 FNL / 1594 FWL / LAT 32.210494 / LONG -103.872432

At proposed prod. zone: SENW / 2627 FNL / 1670 FWL / LAT 32.174324 / LONG -103.872113

11. Sec., T. R. M. or Blk. and Survey or Area: SEC 22/T24S/R30E/NMP

14. Distance in miles and direction from nearest town or post office*

12. County or Parish: EDDY

13. State: NM

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any): 13 feet

16. No of acres in lease:

17. Spacing Unit dedicated to this well: 800.0

18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft.: 30 feet

19. Proposed Depth: 10439 feet / 23114 feet

20. BLM/BIA Bond No. in file: FED: COB000050

21. Elevations (Show whether DF, KDB, RT, GL, etc.): 3430 feet

22. Approximate date work will start*: 01/28/2025

23. Estimated duration: 45 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, and the Hydraulic Fracturing rule per 43 CFR 3162.3-3 (as applicable)

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be requested by the BLM.

25. Signature: (Electronic Submission)

Name *(Printed/Typed)*: SARAH GALLEGOS / Ph: (432) 682-8873

Date: 04/11/2024

Title: Regulatory Advisor

Approved by *(Signature)*: (Electronic Submission)

Name *(Printed/Typed)*: CODY LAYTON / Ph: (575) 234-5959

Date: 10/18/2024

Title: Assistant Field Manager Lands & Minerals

Office: Carlsbad Field Office

Application approval 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.
Conditions of approval, if any, are attached.

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.

APPROVED WITH CONDITIONS

(Continued on page 2)

*(Instructions on page 2)

Approval Date: 10/18/2024

INSTRUCTIONS

GENERAL: This form is designed for submitting proposals to perform certain well operations, as indicated on Federal and Indian lands and leases for action by appropriate Federal agencies, pursuant to applicable Federal laws 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, either are shown below or will be issued by, or may be obtained from local Federal offices.

ITEM I: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable Federal regulations concerning subsequent work proposals or reports on the well.

ITEM 4: Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local Federal offices for specific instructions.

ITEM 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on the reverse side, showing the roads to, and the surveyed location of, the wen, and any other required information, should be furnished when required by Federal agency offices.

ITEMS 15 AND 18: If well is to be, or has been directionany drilled, give distances for subsurface location of hole in any present or objective productive zone.

ITEM 22: Consult applicable Federal regulations, or appropriate officials, concerning approval of the proposal before operations are started.

ITEM 24: 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 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., 25 U.S.C. 396; 43 CFR 3160

PRINCIPAL PURPOSES: The information will be used to: (1) process and evaluate your application for a permit to drill a new oil, gas, or service wen or to reenter a plugged and abandoned well; and (2) document, for administrative use, information for the management, disposal and use of National Resource Lands and resources including (a) analyzing your proposal to discover and extract the Federal or Indian resources encountered; (b) reviewing procedures and equipment and the projected impact on the land involved; and (c) evaluating the effects of the proposed operation on the surface and subsurface water and other environmental impacts.

ROUTINE USE: Information from the record and/or the record win be transferred to appropriate Federal, State, and local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecution, in connection with congressional inquiries and for regulatory responsibilities.

EFFECT OF NOT PROVIDING INFORMATION: Filing of this application and disclosure of the information is mandatory only if you elect to initiate a drilling or reentry operation on an oil and gas lease.

The Paperwork Reduction Act of 1995 requires us to inform you that:
The BLM conects this information to anow evaluation of the technical, safety, and environmental factors involved with drilling for oil and/or gas on Federal and Indian oil and gas leases. This information will be used to analyze and approve applications. Response to this request is mandatory only if the operator elects to initiate drilling or reentry operations on an oil and gas lease. The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

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

(Continued on page 3)

Additional Operator Remarks

Location of Well

0. SHL: NENW / 13 FNL / 1594 FWL / TWSP: 24S / RANGE: 30E / SECTION: 22 / LAT: 32.210494 / LONG: -103.872432 (TVD: 0 feet, MD: 0 feet)

PPP: NENW / 100 FNL / 1670 FWL / TWSP: 24S / RANGE: 30E / SECTION: 22 / LAT: 32.210257 / LONG: -103.872187 (TVD: 10439 feet, MD: 10900 feet)

PPP: NENW / 0 FSL / 1683 FWL / TWSP: 24S / RANGE: 30E / SECTION: 27 / LAT: 32.196035 / LONG: -103.872158 (TVD: 10439 feet, MD: 16200 feet)

PPP: SESW / 1318 FSL / 1680 FWL / TWSP: 24S / RANGE: 30E / SECTION: 22 / LAT: 32.199657 / LONG: -103.872165 (TVD: 10439 feet, MD: 14900 feet)

BHL: SENW / 2627 FNL / 1670 FWL / TWSP: 24S / RANGE: 30E / SECTION: 34 / LAT: 32.174324 / LONG: -103.872113 (TVD: 10439 feet, MD: 23114 feet)

BLM Point of Contact

Name: MARIAH HUGHES
Title: Land Law Examiner
Phone: (575) 234-5972
Email: mhughes@blm.gov

Review and Appeal Rights

A person contesting a decision shall request a State Director review. This request must be filed within 20 working days of receipt of the Notice with the appropriate State Director (see 43 CFR 3165.3). The State Director review decision may be appealed to the Interior Board of Land Appeals, 801 North Quincy Street, Suite 300, Arlington, VA 22203 (see 43 CFR 3165.4). Contact the above listed Bureau of Land Management office for further information.

Santa Fe Main Office
Phone: (505) 476-3441 Fax: (55) 476-3462
General Information
Phone: (505) 629-6116

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

State of New Mexico
Energy, Minerals & Natural Resources
Department
OIL CONSERVATION DIVISION

C-102
Revised July 9, 2024
Submit Electronically
via OCD Permitting

Submittal Type: ☒ Initial Submittal ☐ Amended Report ☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
30-015-55579	97798	Wildcat G-06 S243026M/BONE SPRING

Property Code	Property Name	Well Number
333192	POKER LAKE UNIT 22 DTD	203H

OGRID No.	Operator Name	Ground Level Elevation
373075	XTO PERMIAN OPERATING LLC	3,430 feet

Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal
Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal

Surface Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	22	24S	30E		13 FNL	1594 FWL	32.210494	-103.872432	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
F	34	24S	30E		2627 FNL	1670 FWL	32.174324	-103.872113	EDDY

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
800	Infill	201H	N	U

Order Numbers. N/A
Well setbacks are under Common Ownership: ☒Yes ☐No

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	22	24S	30E		13 FNL	1594 FWL	32.210494	-103.872432	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	22	24S	30E		100 FNL	1,670 FWL	32.210257	-103.872187	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
F	34	24S	30E		2,537 FNL	1,670 FWL	32.174572	-103.872114	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation
NMNM105422429		3,430 feet

OPERATOR CERTIFICATIONS

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

If this well is a horizontal well, I further certify that this organization has received the consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Terra Sebastian — Signature
10/22/2024 — Date

Terra Sebastian — Printed Name

terra.b.sebastian@exxonmobil.com — Email Address

SURVEYOR CERTIFICATIONS

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

Please See Below — Signature and Seal of Professional Surveyor

Certificate Number

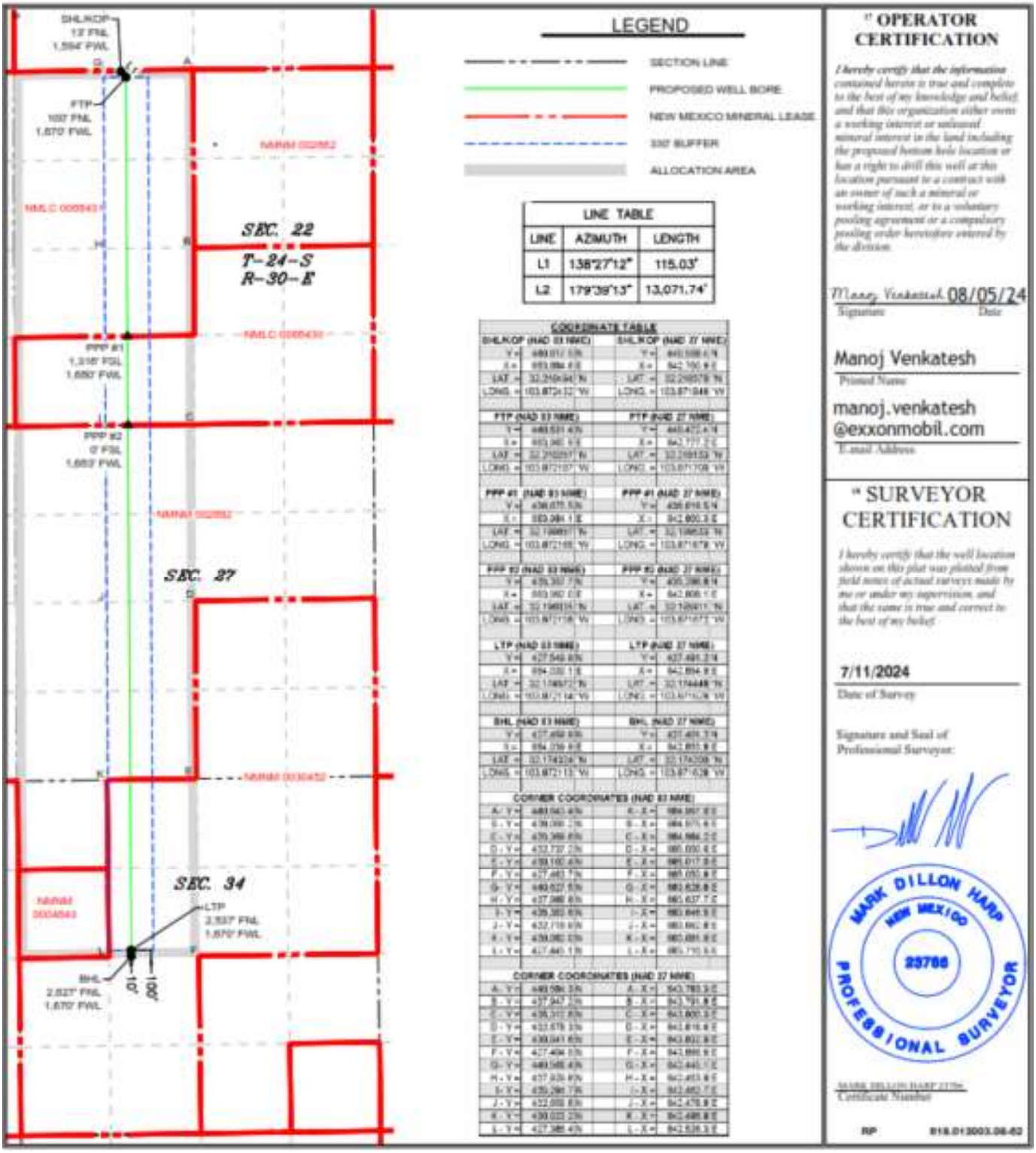
Date of Survey

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

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the section lines in the cardinal directions. If this is a horizontal wellbore show on this plat the location of the First Take Point and Last Take Point, and the point within the Completed interval (other than the First Take Point or Last Take Point) that is closest to any outer boundary of the tract.

Surveyors shall use the latest United States government survey or dependent resurvey. Well locations will be in reference to the New Mexico Principal Meridian. If the land is not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



State of New Mexico
Energy, Minerals and Natural Resources Department

Submit Electronically
Via E-permitting

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

Section 1 – Plan Description
Effective May 25, 2021

I. Operator: _____XTO Permian Operating, LLC_____ **OGRID:** _____373075_____ **Date:** _09_/_16_/_2024_

II. Type: ☒ Original ☐ Amendment due to ☐ 19.15.27.9.D(6)(a) NMAC ☐ 19.15.27.9.D(6)(b) NMAC ☐ Other.

If Other, please describe: _____

III. Well(s): Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	ULSTR	Footages	Anticipated Oil BBL/D	3 yr Anticipated decline Oil BBL/D	Anticipated Gas MCF/D	3 yr Anticipated decline Gas MCF/D	Anticipated Produced Water BBL/D	3 yr Anticipated decline Water BBL/D
Poker Lake Unit 22 DTD 103H	TBD	22 T24S R30E	916 FNL, 113 FWL	1,800	200	7,500	1,200	7,000	800
Poker Lake Unit 22 DTD 106H	TBD	22 T24S R30E	916 FNL, 203 FWL	1,800	200	7,500	1,200	7,000	800
Poker Lake Unit 22 DTD 907H	TBD	22 T24S R30E	916 FNL, 233 FWL	1,800	200	7,500	1,200	7,000	800
Poker Lake Unit 22 DTD 145H	TBD	22 T24S R30E	916 FNL, 173 FWL	1,800	200	7,500	1,200	7,000	800
Poker Lake Unit 22 DTD 153H	TBD	22 T24S R30E	414 FNL,1946 FEL	1,800	200	7,500	1,200	7,000	800
Poker Lake Unit 22 DTD 194H	TBD	22 T24S R30E	916 FNL, 143 FWL	1,900	200	3,250	900	3,750	450
Poker Lake Unit 22 DTD 197H	TBD	22 T24S R30E	414 FNL, 2286 FEL	1,900	200	3,250	900	3,750	450
Poker Lake Unit 22 DTD 201H	TBD	22 T24S R30E	13 FNL, 1534 FWL	1,900	200	3,250	900	3,750	450
Poker Lake Unit 22 DTD 202H	TBD	22 T24S R30E	13 FNL, 1564 FWL	1,800	200	7,500	1,200	7,000	800
Poker Lake Unit 22 DTD 203H	TBD	22 T24S R30E	13 FNL, 1594 FWL	1,900	200	3,250	900	3,750	450
Poker Lake Unit 22 DTD 204H	TBD	22 T24S R30E	13 FNL, 1654 FWL	1,800	200	7,500	1,200	7,000	800
Poker Lake Unit 22 DTD 205H	TBD	22 T24S R30E	13 FNL, 1684 FWL	1,900	200	3,250	900	3,750	450

Poker Lake Unit 22 DTD 401H	TBD	22 T24S R30E	233 FNL, 1387 FEL	1,900	200	3,250	900	3,750	450
Poker Lake Unit 22 DTD 402H	TBD	22 T24S R30E	233 FNL, 1357 FEL	1,800	200	7,500	1,200	7,000	800
Poker Lake Unit 22 DTD 403H	TBD	22 T24S R30E	233 FNL, 1327 FEL	1,800	200	7,500	1,200	7,000	800
Poker Lake Unit 22 DTD 404H	TBD	22 T24S R30E	233 FNL, 1297 FEL	1,900	200	3,250	900	3,750	450
Poker Lake Unit 22 DTD 405H	TBD	22 T24S R30E	233 FNL, 1267 FEL	1,800	200	7,500	1,200	7,000	800
Poker Lake Unit 22 DTD 406H	TBD	22 T24S R30E	233 FNL, 1237 FEL	1,800	200	7,500	1,200	7,000	800

IV. Central Delivery Point Name: PLU 22 DTD CTB [See 19.15.27.9(D)(1) NMAC]

V. Anticipated Schedule: Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

Well Name	API	Spud Date	TD Reached Date	Completion Commencement Date	Initial Flow Back Date	First Production Date
Poker Lake Unit 22 DTD 103H	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**
Poker Lake Unit 22 DTD 106H	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**
Poker Lake Unit 22 DTD 907H	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**
Poker Lake Unit 22 DTD 145H	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**
Poker Lake Unit 22 DTD 153H	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**
Poker Lake Unit 22 DTD 194H	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**
Poker Lake Unit 22 DTD 197H	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**
Poker Lake Unit 22 DTD 201H	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**
Poker Lake Unit 22 DTD 202H	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**
Poker Lake Unit 22 DTD 203H	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**
Poker Lake Unit 22 DTD 204H	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**
Poker Lake Unit 22 DTD 205H	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**
Poker Lake Unit 22 DTD 401H	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**
Poker Lake Unit 22 DTD 402H	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**
Poker Lake Unit 22 DTD 403H	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**

Poker Lake Unit 22 DTD 404H	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**
Poker Lake Unit 22 DTD 405H	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**
Poker Lake Unit 22 DTD 406H	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**	**TBD**

VI. Separation Equipment: ☒ Attach a complete description of how Operator will size separation equipment to optimize gas capture.

VII. Operational Practices: ☒ Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

VIII. Best Management Practices: ☒ Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

Section 2 – Enhanced Plan

EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

☒ Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

IX. Anticipated Natural Gas Production:

Well	API	Anticipated Average Natural Gas Rate MCF/D	Anticipated Volume of Natural Gas for the First Year MCF

X. Natural Gas Gathering System (NGGS):

Operator	System	ULSTR of Tie-in	Anticipated Gathering Start Date	Available Maximum Daily Capacity of System Segment Tie-in

XI. Map. ☐ Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natural gas gathering system ☒ will ☐ will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

XIII. Line Pressure. Operator ☐ does ☐ does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

☐ Attach Operator's plan to manage production in response to the increased line pressure.

XIV. Confidentiality: ☐ Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

Section 3 - Certifications

Effective May 25, 2021

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

☒ Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

☐ Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system. ***If Operator checks this box, Operator will select one of the following:***

Well Shut-In. ☒ Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

Venting and Flaring Plan. ☐ Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- **(a)** power generation on lease;
- **(b)** power generation for grid;
- **(c)** compression on lease;
- **(d)** liquids removal on lease;
- **(e)** reinjection for underground storage;
- **(f)** reinjection for temporary storage;
- **(g)** reinjection for enhanced oil recovery;
- **(h)** fuel cell production; and
- **(i)** other alternative beneficial uses approved by the division.

Section 4 - Notices

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

VI. Separation Equipment:

XTO Permian Operating LLC. utilizes a "stage separation" process in which oil and gas separation is carried out through a series of separators operating at successively reduced pressures. Hydrocarbon liquids are produced into a high-pressure inlet separator, then carried through one or more lower pressure separation vessels before entering the storage tanks. The purpose of this separation process is to attain maximum recovery of liquid hydrocarbons from the fluids and allow maximum capture of produced gas into the sales pipeline. XTO utilizes a series of Low-Pressure Compression units to capture gas off the staged separation and send it to the sales pipeline. This process minimizes the amount of flash gas that enters the end-stage storage tanks that is subsequently vented or flared.

VII. Operational Practices

XTO Permian Operating LLC will employ best management practices and control technologies to maximize the recovery and minimize waste of natural gas through venting and flaring.

- During drilling operations, XTO will utilize flares to capture and control natural gas, where technically feasible. If flaring is deemed technically in-feasible, XTO will employ best management practices to minimize or reduce venting to the extent possible.

- During completions operations, XTO will utilize Green Completion methods to capture gas produced during well completions that is otherwise vented or flared. If capture is technically in-feasible, flares will be used to control flow back fluids entering into frac tanks during initial flowback. Upon indication of first measurable hydrocarbon volumes, XTO Permian Operating LLCwill turn operations to onsite separation vessels and flow to the gathering pipeline.

- During production operations, XTO Permian Operating LLC will take every practical effort to minimize waste of natural gas through venting and flaring by:

  - Designing and constructing facilities in a manner consistent to achieve maximum capture and control of hydrocarbon liquids & produced gas
  - Utilizing a closed-loop capture system to collect, and route produced gas to sales line via low pressure compression, or to a flare/combustor
  - Flaring in lieu of venting, where technically feasible
  - Utilizing auto-ignitors or continuous pilots, with thermocouples connected to Scada, to quickly detect and resolve issues related to malfunctioning flares/combustors
  - Employ the use of automatic tank gauging to minimize storage tank venting during loading events
  - Installing air-driven or electric-driven pneumatics & combustion engines, where technically feasible to minimize venting to the atmosphere
  - Confirm equipment is properly maintained and repaired through a preventative maintenance and repair program to ensure equipment meets all manufacturer specifications

- Conduct and document AVO inspections on the frequency set forth in Part 27 to detect and repair any onsite leaks as quickly and efficiently as is feasible.

VIII. Best Management Practices during Maintenance

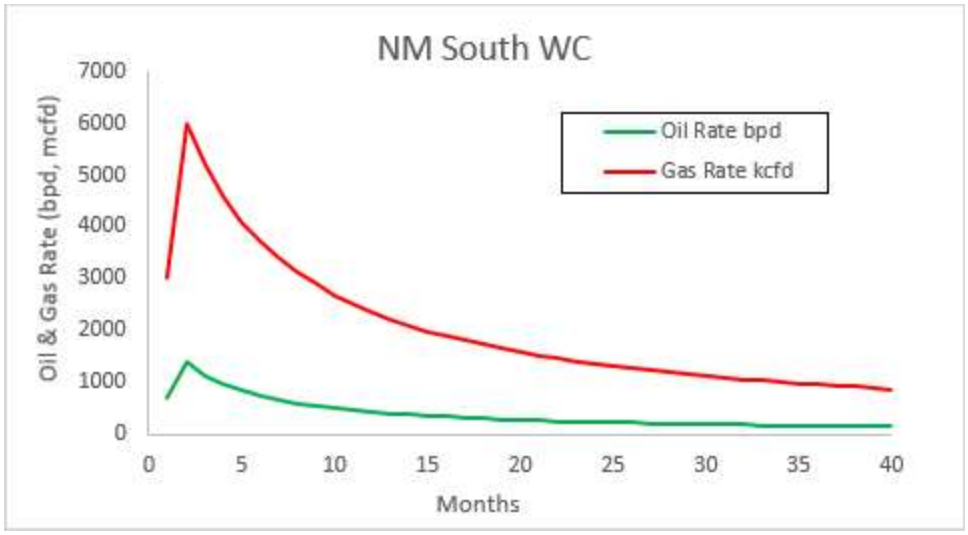
XTO Permian Operating LLC. will utilize best management practices to minimize venting during active and planned maintenance activities. XTO is operating under guidance that production facilities permitted under NOI permits have no provisions to allow high pressure flaring and high-pressure flaring is only allowed in disruption scenarios so long as the duration is less than eight hours. When technically feasible, flaring during maintenance activities will be utilized in lieu of venting to the atmosphere. XTO will work with third-party operators during scheduled maintenance of downstream pipeline or processing plants to address those events ahead of time to minimize venting. Actions considered include identifying alternative capture approaches or planning to temporarily reduce production or shut in the well to address these circumstances.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

Signature:	*Samantha Weis*
Printed Name:	Samantha Weis
Title:	Permitting Advisor
E-mail Address:	samantha.r.bartnik@exxonmobil.com
Date:	10/23/2024
Phone:	+1-832-625-7361

OIL CONSERVATION DIVISION
(Only applicable when submitted as a standalone form)

Approved By:	
Title:	
Approval Date:	
Conditions of Approval:	


NM South WC
Oil & Gas Rate (bpd, mcfd)
7000
6000
5000
4000
3000
2000
1000
0
0
5
10
15
20
25
30
35
40
Months
Oil Rate bpd
Gas Rate kcfd

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

Drilling Plan Data Report
10/18/2024

APD ID: 10400097901 **Submission Date:** 04/11/2024

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 22 DTD **Well Number:** 203H

Well Type: OIL WELL **Well Work Type:** Drill

Highlighted data reflects the most recent changes

Show Final Text

Section 1 - Geologic Formations

Formation ID	Formation Name	Elevation	True Vertical	Measured Depth	Lithologies	Mineral Resources	Producing Formatio
14339036	QUATERNARY	3430	0	0	ALLUVIUM	USEABLE WATER	N
14339037	RUSTLER	2308	1122	1122	ANHYDRITE, SANDSTONE	USEABLE WATER	N
14339038	SALADO	1905	1525	1525	SALT	NONE	N
14339035	BASE OF SALT	-288	3718	3718	SALT	NONE	N
14339039	DELAWARE	-482	3912	3912	LIMESTONE, SANDSTONE	NATURAL GAS, OIL, OTHER : PRODUCED WATER	N
14339040	BONE SPRING	-4352	7782	7782	LIMESTONE, SANDSTONE	NATURAL GAS, OIL, OTHER : PRODUCED WATER	Y
14339041	BONE SPRING 1ST	-5061	8491	8491	LIMESTONE, SANDSTONE	NATURAL GAS, OIL, OTHER : PRODUCED WATER	Y
14339042	BONE SPRING 2ND	-5646	9076	9076	LIMESTONE, SANDSTONE	NATURAL GAS, OIL, OTHER : PRODUCED WATER	Y
14339034	BONE SPRING 3RD	-6859	10289	10289	LIMESTONE, SANDSTONE	NATURAL GAS, OIL, OTHER : PRODUCED WATER	Y

Section 2 - Blowout Prevention

Pressure Rating (PSI): 5M **Rating Depth:** 10439

Equipment: Once the permanent WH is installed on the Surface casing, the blow out preventer equipment (BOP) will consist of a 5M Hydril and a 5M Double Ram BOP. XTO will use a Multi-Bowl system which is attached.

Requesting Variance? YES

Variance request: 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

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 22 DTD **Well Number:** 203H

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.

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

Choke Diagram Attachment:

PLU_22_DTD_5MCM_20240406152330.pdf

BOP Diagram Attachment:

PLU_22_DTD_5MBOP_20240523100302.pdf

Section 3 - Casing

Casing ID	String Type	Hole Size	Csg Size	Condition	Standard	Tapered String	Top Set MD	Bottom Set MD	Top Set TVD	Bottom Set TVD	Top Set MSL	Bottom Set MSL	Calculated casing length MD	Grade	Weight	Joint Type	Collapse SF	Burst SF	Joint SF Type	Joint SF	Body SF Type	Body SF
1	SURFACE	12.25	9.625	NEW	API	N	0	1222	0	1222	3430	2208	1222	J-55	40	BUTT	5.15	1.75	DRY	12.89	DRY	12.89
2	INTERMEDIATE	8.75	7.625	NEW	API	Y	0	9524	0	9524	3411	-6094	9524	L-80	29.7	FJ	2.51	2.12	DRY	2.47	DRY	2.47
3	PRODUCTION	6.75	5.5	NEW	NON API	Y	0	23204	0	10439	3411	-7009	23204	P-110	20	OTHER - Freedom HTQ/Talon HTQ	2	1.05	DRY	2.11	DRY	2.11

Casing Attachments

Casing ID: 1 **String** SURFACE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

POKER_LAKE_UNIT_22_DTD_203H_Csg_20240406152448.pdf

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 22 DTD **Well Number:** 203H

Casing Attachments

Casing ID: 2 **String** INTERMEDIATE

Inspection Document:

Spec Document:

Tapered String Spec:

POKER_LAKE_UNIT_22_DTD_203H_Csg_20240406152652.pdf

Casing Design Assumptions and Worksheet(s):

POKER_LAKE_UNIT_22_DTD_203H_Csg_20240406152732.pdf

Casing ID: 3 **String** PRODUCTION

Inspection Document:

Spec Document:

Freedom_semi_premium_5.5_production_casing_20240806092550.pdf
Talon___semiflush_5.5_production_casing_20240806092550.pdf

Tapered String Spec:

POKER_LAKE_UNIT_22_DTD_203H_Csg_20240406152537.pdf

Casing Design Assumptions and Worksheet(s):

POKER_LAKE_UNIT_22_DTD_203H_Csg_20240406152609.pdf

Section 4 - Cement

String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
SURFACE	Lead		0	1222	300	1.87	10.5	561	100	EconoCem-HLTRRC	NA
SURFACE	Tail		0	1222	130	1.35	14.8	175.5	100	Class C	2% CaCl
INTERMEDIATE	Lead		0	6458	280	1.35	14.8	378	100	Class C	NA
INTERMEDIATE	Tail		6458	9524	730	1.33	14.8	970.9	100	Class C	NA

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 22 DTD **Well Number:** 203H

String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
PRODUCTION	Lead		9224	9724	20	2.69	11.5	53.8	30	NeoCem	NA
PRODUCTION	Tail		9724	23204	960	1.51	13.2	1449.6	30	VersaCem	NA

Section 5 - Circulating Medium

Mud System Type: Closed

Will an air or gas system be Used? NO

Description of the equipment for the circulating system in accordance with Onshore Order #2:

Diagram of the equipment for the circulating system in accordance with Onshore Order #2:

Describe what will be on location to control well or mitigate other conditions: The necessary mud products for weight addition and fluid loss control will be on location at all times.

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

Circulating Medium Table

Top Depth	Bottom Depth	Mud Type	Min Weight (lbs/gal)	Max Weight (lbs/gal)	Density (lbs/cu ft)	Gel Strength (lbs/100 sqft)	PH	Viscosity (CP)	Salinity (ppm)	Filtration (cc)	Additional Characteristics
1222	3912	SALT SATURATED	10.5	11							
9524	23204	OIL-BASED MUD	10.2	10.7							
0	1222	WATER-BASED MUD	8.4	8.9							
3912	9524	OTHER : BDE/OBM	9	9.5							

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 22 DTD **Well Number:** 203H

Section 6 - Test, Logging, Coring

List of production tests including testing procedures, equipment and safety measures:

Open hole logging will not be done on this well.

List of open and cased hole logs run in the well:

GAMMA RAY LOG,CEMENT BOND LOG,DIRECTIONAL SURVEY,MEASUREMENT WHILE DRILLING,MUD LOG/GEOLOGICAL LITHOLOGY LOG,

Coring operation description for the well:

No coring is planned for the well.

Section 7 - Pressure

Anticipated Bottom Hole Pressure: 5537 **Anticipated Surface Pressure:** 3240

Anticipated Bottom Hole Temperature(F): 190

Anticipated abnormal pressures, temperatures, or potential geologic hazards? NO

Describe:

Contingency Plans geoharzards description:

Contingency Plans geohazards

Hydrogen Sulfide drilling operations plan required? YES

Hydrogen sulfide drilling operations

XTO_Energy_H2S_Plan_Updated_20240806092421.pdf

Section 8 - Other Information

Proposed horizontal/directional/multi-lateral plan submission:

POKER_LAKE_UNIT_22_DTD_203H_DD_20240406153248.pdf

Other proposed operations facets description:

Other proposed operations facets attachment:

POKER_LAKE_UNIT_22_DTD_203H_Cmt_20240406153303.pdf
PLU_22_DTD_MBS_20240610073122.pdf
PLU_22_DTD_H2S_DiaA_20240806092833.pdf
PLU_22_DTD_H2S_DiaD_20240806092833.pdf
PLU_22_DTD_H2S_DiaC_20240806092833.pdf
PLU_22_DTD_H2S_DiaB_20240806092833.pdf
POKER_LAKE_UNIT_22_DTD_203H_RL_20240806092847.pdf

Other Variance attachment:

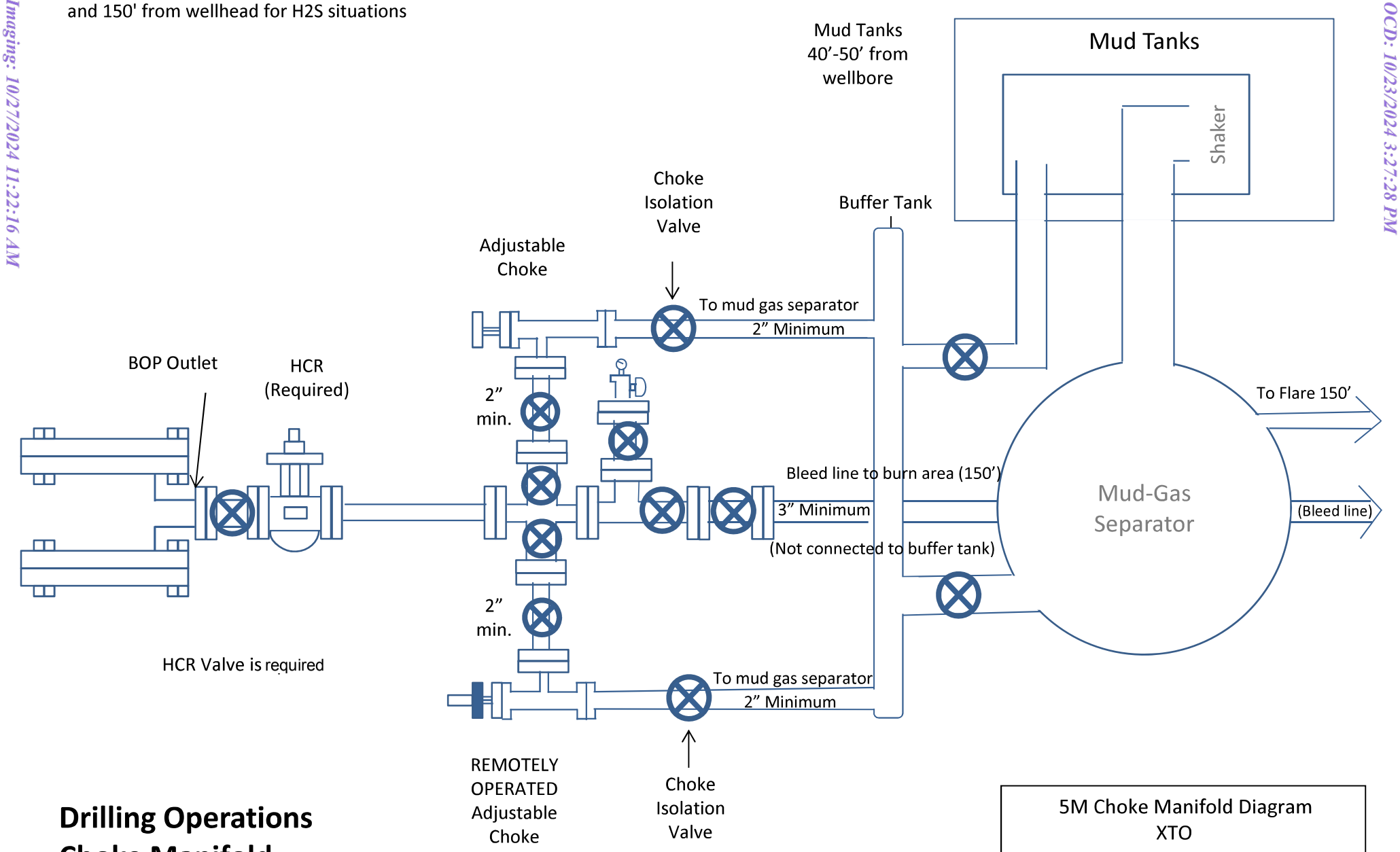
Spudder_Rig_Request_20240806092821.pdf
Offline_Cement_Variance_Surf___Interm_Csg_20240806092822.pdf

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 22 DTD **Well Number:** 203H

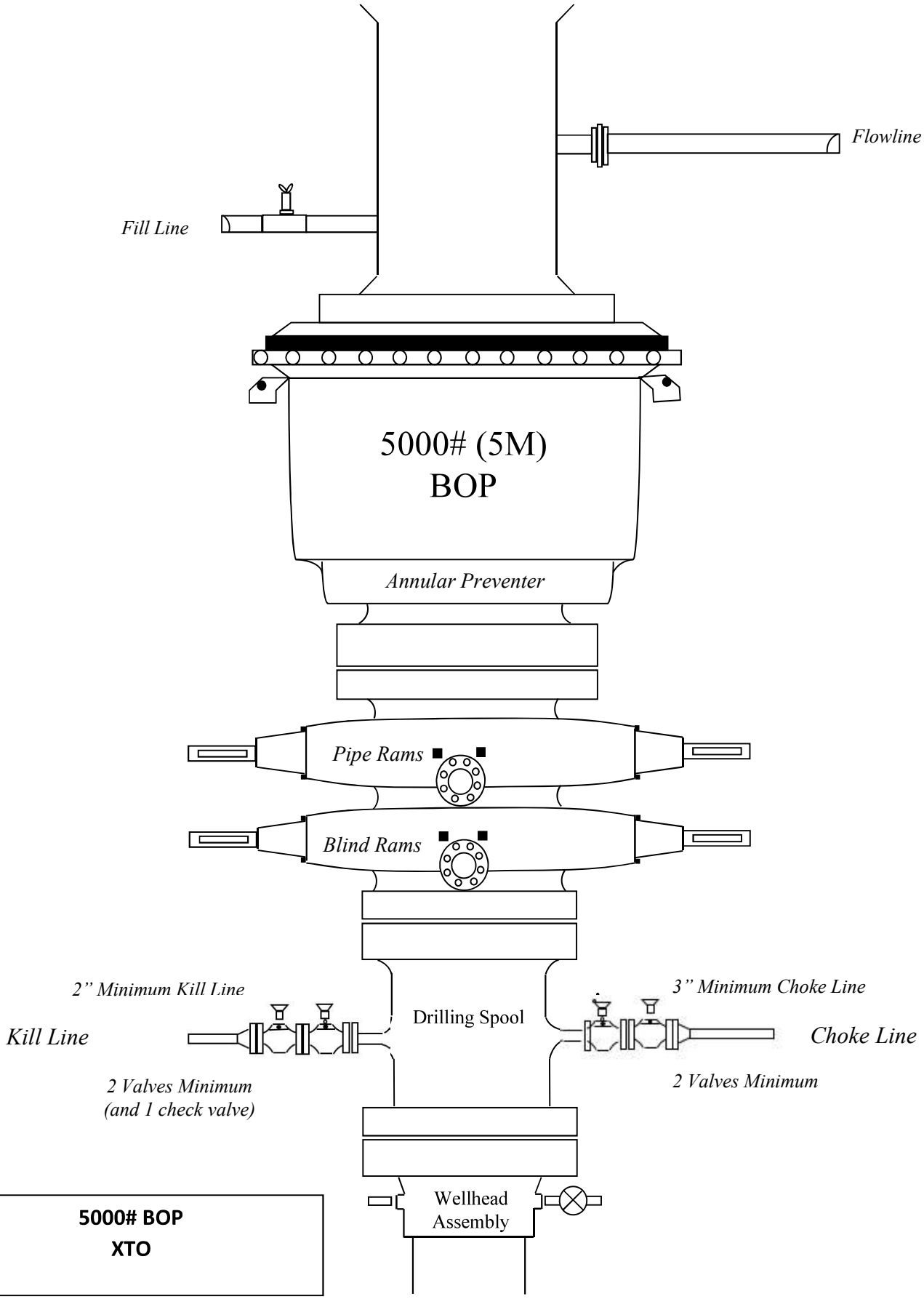
Updated_Flex_Hose_20240806092822.pdf

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



Drilling Operations
Choke Manifold
5M Service

5M Choke Manifold Diagram
XTO


Flowline
Fill Line
5000# (5M)
BOP
Annular Preventer
Pipe Rams
Blind Rams
2" Minimum Kill Line
3" Minimum Choke Line
Kill Line
Drilling Spool
Choke Line
2 Valves Minimum
(and 1 check valve)
2 Valves Minimum
Wellhead
Assembly

5000# BOP
XTO

Casing Assumptions

Casing Design

Hole Size	Depth	OD Csg	Weight	Grade	Collar	New/Used	SF Burst	SF Collapse	SF Tension
12.25	0' – 1222'	9.625	40	J-55	BTC	New	1.75	5.15	12.89
8.75	0' – 4000'	7.625	29.7	RY P-110	Flush Joint	New	2.92	2.92	1.97
8.75	4000' – 9524'	7.625	29.7	HC L-80	Flush Joint	New	2.12	2.51	2.47
6.75	0' – 9424'	5.5	20	RY P-110	Semi-Premium	New	1.05	2.22	2.11
6.75	9424' - 23204'	5.5	20	RY P-110	Semi-Flush	New	1.05	2.00	2.11

Cement Variance Request

Intermediate Casing:

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 (6458') and the second stage performed as a bradenhead squeeze with planned cement from the Brushy Canyon to surface. If cement is not visually confirmed to circulate to surface, the final cement top after the second stage job will be verified by Echo-meter. If necessary, a top out consisting of 1,500 sack of Class C cement + 3% Salt + 1% PreMag-M + 6% Bentonite Gel (2.30 yld, 12.91 ppg) will be executed as a contingency. If cement is still unable to circulate to surface, another Echo-meter run will be performed for cement top verification.

XTO will report to the BLM the volume of fluid (limited to 5 bbls) used to flush intermediate casing valves following backside cementing procedures.

XTO requests to pump an Optional Lead if well conditions dictate in an attempt to bring cement inside the first intermediate casing. If cement reaches the desired height, the BLM will be notified and the second stage bradenhead squeeze and subsequent TOC verification will be negated.

XTO requests the option to conduct the bradenhead squeeze and TOC verification offline as per standard approval from BLM when unplanned remediation is needed and batch drilling is approved. In the event the bradenhead is conducted, we will ensure the first stage cement job is cemented properly and the well is static with floats holding and no pressure on the csg annulus as with all other casing strings where batch drilling operations occur before moving off the rig. The TA cap will also be installed per Cactus procedure and pressure inside the casing will be monitored via the valve on the TA cap as per standard batch drilling ops.

Production Casing:

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.

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.

XTO Permian Operating, LLC Offline Cementing Variance Request

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

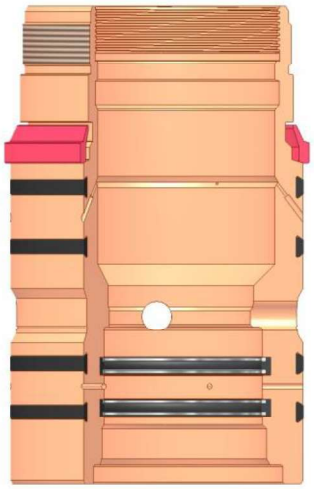
1. Cement Program

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

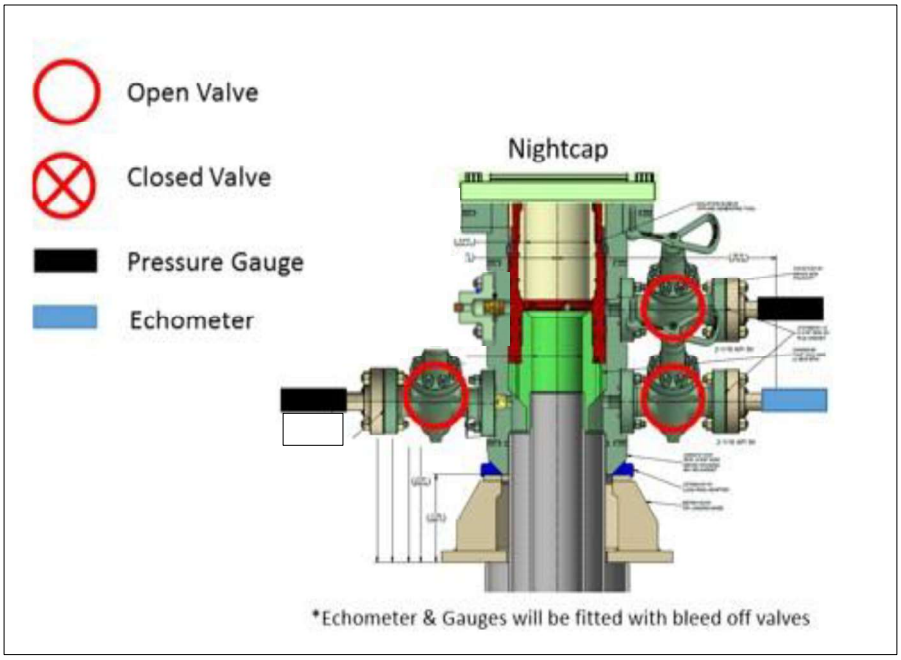
2. Offline Cementing Procedure

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

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



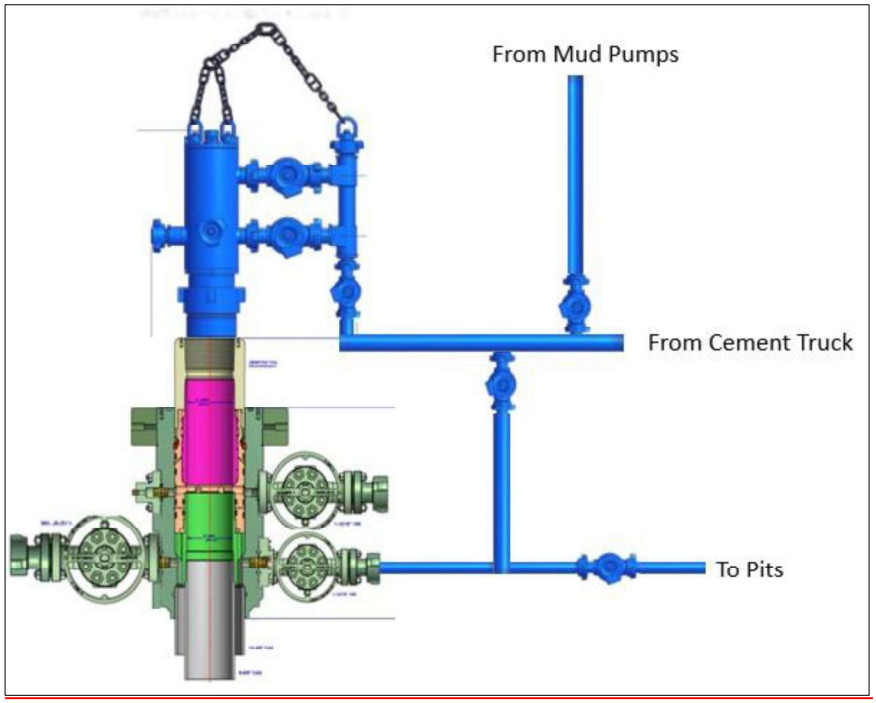
Annular packoff with both external and internal seals



Wellhead diagram during skidding operations

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

XTO Permian Operating, LLC Offline Cementing Variance Request



Wellhead diagram during offline cementing operations

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

Gates **BLACK GOLD®**

GATES ENGINEERING & SERVICES NORTH AMERICA
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Houston, TX. 77086

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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

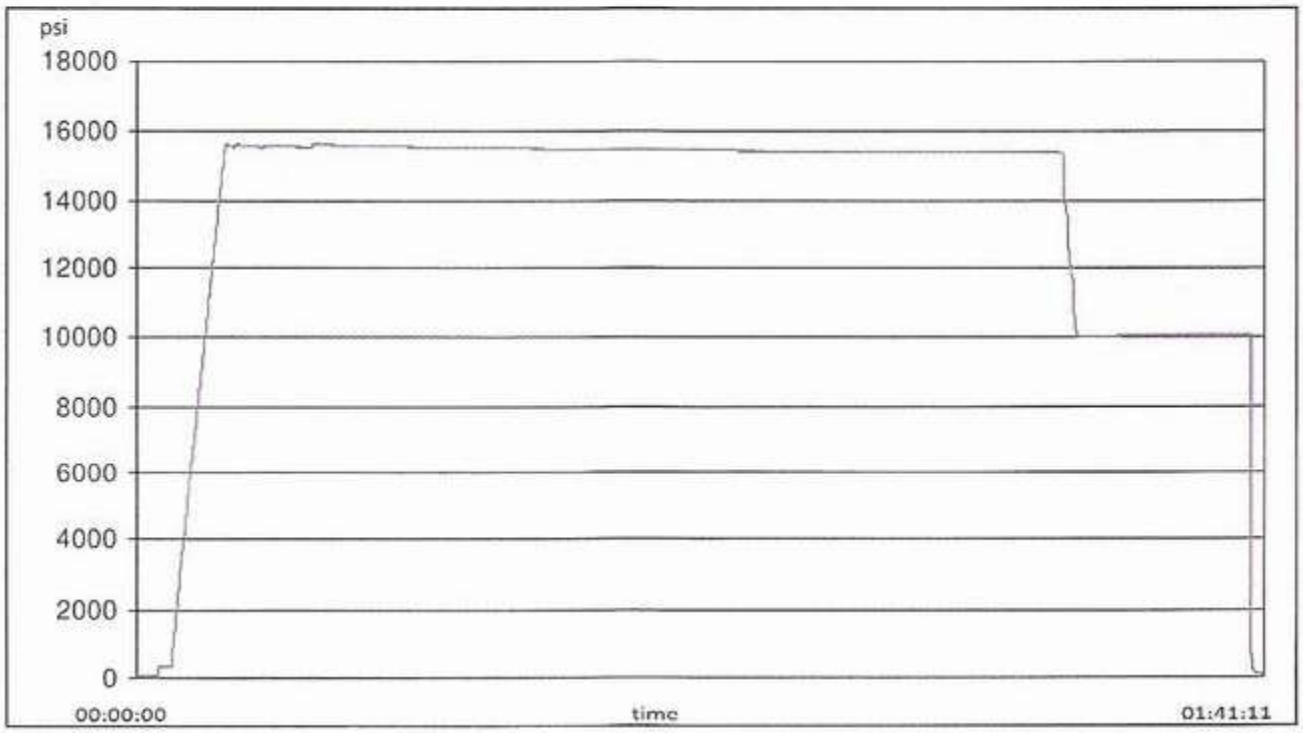
DATE: 1/25/2024

H3-15/16

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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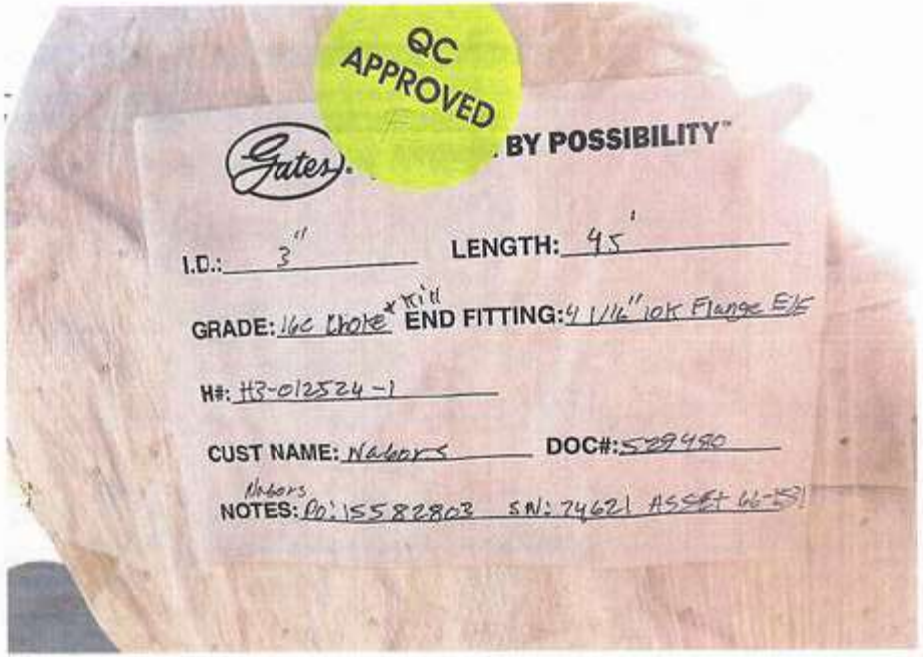
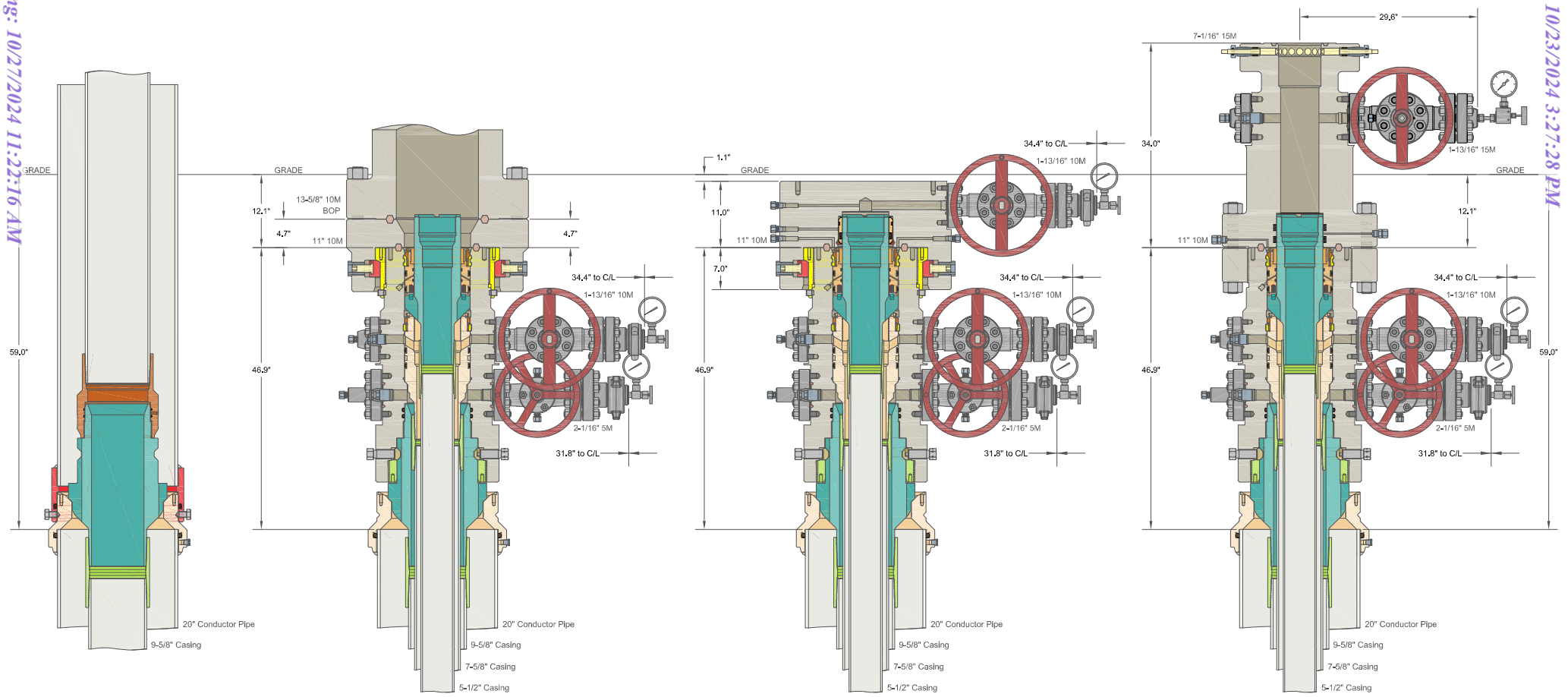
TEST REPORT

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





ALL DIMENSIONS APPROXIMATE

CACTUS WELLHEAD LLC	XTO ENERGY INC ICARUS PAD		
20" x 9-5/8" x 7-5/8" x 5-1/2" MBU-T-CFL-R-DBLO Wellhead With 11" 10M x 7-1/16" 15M CTH-DBLHPS Tubing Head And 9-5/8", 7-5/8" & 5-1/2" Pin Bottom Mandrel Casing Hangers	DRAWN	DLE	18JAN21
	APPRV		
	DRAWING NO.	HBE0000479	

Well Plan Report - Poker Lake Unit 22 DTD South 203H

Measured Depth:	23204.22 ft
TVD RKB:	10439.00 ft
Location	
Cartographic Reference System:	New Mexico East - NAD 27
Northing:	440558.40 ft
Easting:	642700.90 ft
RKB:	3462.00 ft
Ground Level:	3430.00 ft
North Reference:	Grid
Convergence Angle:	0.25 Deg

Plan Sections Poker Lake Unit 22 DTD South 203H

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	
1100.00	0.00	0.00	1100.00	0.00	0.00	0.00	0.00	0.00	
1159.44	1.19	138.42	1159.43	-0.46	0.41	2.00	0.00	2.00	
6641.75	1.19	138.42	6640.57	-85.54	75.89	0.00	0.00	0.00	
6701.19	0.00	0.00	6700.00	-86.00	76.30	-2.00	0.00	2.00	
9723.99	0.00	0.00	9722.80	-86.00	76.30	0.00	0.00	0.00	
10848.98	90.00	179.66	10439.00	-802.18	80.59	8.00	0.00	8.00	
23114.22	90.00	179.66	10439.00	-13067.20	154.01	0.00	0.00	0.00	LTP 20
23204.22	90.00	179.66	10439.00	-13157.20	154.55	0.00	0.00	0.00	BHL 20

Position Uncertainty Poker Lake Unit 22 DTD South 203H

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	XOM_R2OWSG MWD+IFR1+MS
100.000	0.000	0.000	100.000	0.358	0.000	0.179	0.000	2.300	0.000	0.000	0.358	0.179	90.000	XOM_R2OWSG MWD+IFR1+MS
200.000	0.000	0.000	200.000	0.717	0.000	0.538	0.000	2.310	0.000	0.000	0.717	0.538	90.000	XOM_R2OWSG MWD+IFR1+MS
300.000	0.000	0.000	300.000	1.075	0.000	0.896	0.000	2.326	0.000	0.000	1.075	0.896	90.000	XOM_R2OWSG MWD+IFR1+MS
400.000	0.000	0.000	400.000	1.434	0.000	1.255	0.000	2.347	0.000	0.000	1.434	1.255	90.000	XOM_R2OWSG MWD+IFR1+MS
500.000	0.000	0.000	500.000	1.792	0.000	1.613	0.000	2.375	0.000	0.000	1.792	1.613	90.000	XOM_R2OWSG MWD+IFR1+MS
600.000	0.000	0.000	600.000	2.151	0.000	1.972	0.000	2.407	0.000	0.000	2.151	1.972	90.000	XOM_R2OWSG MWD+IFR1+MS
700.000	0.000	0.000	700.000	2.509	0.000	2.330	0.000	2.445	0.000	0.000	2.509	2.330	90.000	XOM_R2OWSG MWD+IFR1+MS
800.000	0.000	0.000	800.000	2.868	0.000	2.689	0.000	2.486	0.000	0.000	2.868	2.689	90.000	XOM_R2OWSG MWD+IFR1+MS
900.000	0.000	0.000	900.000	3.226	0.000	3.047	0.000	2.533	0.000	0.000	3.226	3.047	90.000	XOM_R2OWSG MWD+IFR1+MS
1000.000	0.000	0.000	1000.000	3.585	0.000	3.405	0.000	2.583	0.000	0.000	3.585	3.405	90.000	XOM_R2OWSG MWD+IFR1+MS
1100.000	0.000	0.000	1100.000	3.943	0.000	3.764	0.000	2.636	0.000	0.000	3.943	3.764	90.000	XOM_R2OWSG MWD+IFR1+MS
1159.436	1.189	138.420	1159.432	4.068	0.000	4.048	-0.000	2.669	0.000	0.000	4.147	3.968	90.012	XOM_R2OWSG MWD+IFR1+MS
1200.000	1.189	138.420	1199.987	4.201	0.000	4.181	-0.000	2.692	0.000	0.000	4.281	4.101	90.015	XOM_R2OWSG MWD+IFR1+MS
1300.000	1.189	138.420	1299.966	4.533	0.000	4.513	-0.000	2.752	0.000	0.000	4.612	4.433	90.128	XOM_R2OWSG MWD+IFR1+MS
1400.000	1.189	138.420	1399.944	4.868	0.000	4.849	-0.000	2.815	0.000	0.000	4.948	4.768	90.235	XOM_R2OWSG MWD+IFR1+MS
1500.000	1.189	138.420	1499.923	5.207	0.000	5.188	-0.000	2.880	0.000	0.000	5.287	5.107	90.337	XOM_R2OWSG MWD+IFR1+MS
1600.000	1.189	138.420	1599.901	5.548	0.000	5.530	-0.000	2.948	0.000	0.000	5.628	5.449	90.436	XOM_R2OWSG MWD+IFR1+MS
1700.000	1.189	138.420	1699.880	5.891	0.000	5.873	-0.000	3.018	0.000	0.000	5.971	5.792	90.532	XOM_R2OWSG MWD+IFR1+MS
1800.000	1.189	138.420	1799.858	6.236	0.000	6.219	-0.000	3.090	0.000	0.000	6.316	6.138	90.625	XOM_R2OWSG MWD+IFR1+MS
1900.000	1.189	138.420	1899.837	6.582	0.000	6.566	-0.000	3.163	0.000	0.000	6.663	6.485	90.717	XOM_R2OWSG MWD+IFR1+MS
2000.000	1.189	138.420	1999.815	6.930	0.000	6.914	-0.000	3.239	0.000	0.000	7.010	6.833	90.807	XOM_R2OWSG MWD+IFR1+MS
2100.000	1.189	138.420	2099.794	7.279	0.000	7.263	-0.000	3.316	0.000	0.000	7.359	7.182	90.895	XOM_R2OWSG MWD+IFR1+MS
2200.000	1.189	138.420	2199.772	7.628	0.000	7.613	-0.000	3.395	0.000	0.000	7.708	7.532	90.983	XOM_R2OWSG MWD+IFR1+MS
2300.000	1.189	138.420	2299.751	7.979	0.000	7.964	-0.000	3.476	0.000	0.000	8.059	7.883	91.069	XOM_R2OWSG MWD+IFR1+MS
2400.000	1.189	138.420	2399.729	8.330	0.000	8.316	-0.000	3.557	0.000	0.000	8.410	8.235	91.155	XOM_R2OWSG MWD+IFR1+MS
2500.000	1.189	138.420	2499.707	8.682	0.000	8.668	-0.000	3.641	0.000	0.000	8.762	8.588	91.240	XOM_R2OWSG MWD+IFR1+MS
2600.000	1.189	138.420	2599.686	9.034	0.000	9.021	-0.000	3.725	0.000	0.000	9.114	8.940	91.325	XOM_R2OWSG MWD+IFR1+MS
2700.000	1.189	138.420	2699.664	9.387	0.000	9.375	-0.000	3.811	0.000	0.000	9.467	9.294	91.410	XOM_R2OWSG MWD+IFR1+MS
2800.000	1.189	138.420	2799.643	9.740	0.000	9.728	-0.000	3.899	0.000	0.000	9.820	9.648	91.494	XOM_R2OWSG MWD+IFR1+MS
2900.000	1.189	138.420	2899.621	10.094	0.000	10.082	-0.000	3.987	0.000	0.000	10.173	10.002	91.578	XOM_R2OWSG MWD+IFR1+MS
3000.000	1.189	138.420	2999.600	10.448	0.000	10.437	-0.000	4.077	0.000	0.000	10.527	10.356	91.662	XOM_R2OWSG MWD+IFR1+MS
3100.000	1.189	138.420	3099.578	10.802	0.000	10.792	-0.000	4.168	0.000	0.000	10.882	10.711	91.746	XOM_R2OWSG MWD+IFR1+MS

3200.000	1.189	138.420	3199.557	11.157	0.000	11.147	-0.000	4.261	0.000	0.000	11.236	11.066	91.830	XOM_R2OWSG MWD+IFR1+MS
3300.000	1.189	138.420	3299.535	11.512	0.000	11.502	-0.000	4.354	0.000	0.000	11.591	11.422	91.915	XOM_R2OWSG MWD+IFR1+MS
3400.000	1.189	138.420	3399.514	11.867	0.000	11.858	-0.000	4.450	0.000	0.000	11.946	11.777	91.999	XOM_R2OWSG MWD+IFR1+MS
3500.000	1.189	138.420	3499.492	12.222	0.000	12.213	-0.000	4.546	0.000	0.000	12.301	12.133	92.083	XOM_R2OWSG MWD+IFR1+MS
3600.000	1.189	138.420	3599.471	12.578	0.000	12.569	-0.000	4.644	0.000	0.000	12.656	12.489	92.167	XOM_R2OWSG MWD+IFR1+MS
3700.000	1.189	138.420	3699.449	12.933	0.000	12.925	-0.000	4.743	0.000	0.000	13.012	12.845	92.252	XOM_R2OWSG MWD+IFR1+MS
3800.000	1.189	138.420	3799.428	13.289	0.000	13.282	-0.000	4.843	0.000	0.000	13.368	13.202	92.337	XOM_R2OWSG MWD+IFR1+MS
3900.000	1.189	138.420	3899.406	13.645	0.000	13.638	-0.000	4.945	0.000	0.000	13.724	13.558	92.422	XOM_R2OWSG MWD+IFR1+MS
4000.000	1.189	138.420	3999.385	14.001	0.000	13.995	-0.000	5.049	0.000	0.000	14.080	13.915	92.507	XOM_R2OWSG MWD+IFR1+MS
4100.000	1.189	138.420	4099.363	14.358	0.000	14.352	-0.000	5.154	0.000	0.000	14.436	14.271	92.592	XOM_R2OWSG MWD+IFR1+MS
4200.000	1.189	138.420	4199.342	14.714	0.000	14.708	-0.000	5.260	0.000	0.000	14.792	14.628	92.678	XOM_R2OWSG MWD+IFR1+MS
4300.000	1.189	138.420	4299.320	15.070	0.000	15.065	-0.000	5.368	0.000	0.000	15.149	14.985	92.764	XOM_R2OWSG MWD+IFR1+MS
4400.000	1.189	138.420	4399.299	15.427	0.000	15.422	-0.000	5.478	0.000	0.000	15.505	15.342	92.850	XOM_R2OWSG MWD+IFR1+MS
4500.000	1.189	138.420	4499.277	15.784	0.000	15.780	-0.000	5.589	0.000	0.000	15.862	15.700	92.937	XOM_R2OWSG MWD+IFR1+MS
4600.000	1.189	138.420	4599.256	16.141	0.000	16.137	-0.000	5.702	0.000	0.000	16.218	16.057	93.024	XOM_R2OWSG MWD+IFR1+MS
4700.000	1.189	138.420	4699.234	16.497	0.000	16.494	-0.000	5.816	0.000	0.000	16.575	16.414	93.111	XOM_R2OWSG MWD+IFR1+MS
4800.000	1.189	138.420	4799.212	16.854	0.000	16.852	-0.000	5.933	0.000	0.000	16.932	16.772	93.199	XOM_R2OWSG MWD+IFR1+MS
4900.000	1.189	138.420	4899.191	17.212	0.000	17.209	-0.000	6.051	0.000	0.000	17.289	17.129	93.287	XOM_R2OWSG MWD+IFR1+MS
5000.000	1.189	138.420	4999.169	17.569	0.000	17.567	-0.000	6.171	0.000	0.000	17.646	17.487	93.376	XOM_R2OWSG MWD+IFR1+MS
5100.000	1.189	138.420	5099.148	17.926	0.000	17.924	-0.000	6.292	0.000	0.000	18.003	17.844	93.465	XOM_R2OWSG MWD+IFR1+MS
5200.000	1.189	138.420	5199.126	18.283	0.000	18.282	-0.000	6.416	0.000	0.000	18.360	18.202	93.554	XOM_R2OWSG MWD+IFR1+MS
5300.000	1.189	138.420	5299.105	18.640	0.000	18.640	-0.000	6.542	0.000	0.000	18.718	18.560	93.643	XOM_R2OWSG MWD+IFR1+MS
5400.000	1.189	138.420	5399.083	18.998	0.000	18.997	-0.000	6.669	0.000	0.000	19.075	18.918	93.733	XOM_R2OWSG MWD+IFR1+MS
5500.000	1.189	138.420	5499.062	19.355	0.000	19.355	-0.000	6.799	0.000	0.000	19.432	19.276	93.824	XOM_R2OWSG MWD+IFR1+MS
5600.000	1.189	138.420	5599.040	19.713	0.000	19.713	-0.000	6.931	0.000	0.000	19.790	19.633	93.915	XOM_R2OWSG MWD+IFR1+MS
5700.000	1.189	138.420	5699.019	20.070	0.000	20.071	-0.000	7.064	0.000	0.000	20.147	19.991	94.006	XOM_R2OWSG MWD+IFR1+MS
5800.000	1.189	138.420	5798.997	20.428	0.000	20.429	-0.000	7.200	0.000	0.000	20.504	20.349	94.098	XOM_R2OWSG MWD+IFR1+MS
5900.000	1.189	138.420	5898.976	20.785	0.000	20.787	-0.000	7.338	0.000	0.000	20.862	20.707	94.190	XOM_R2OWSG MWD+IFR1+MS
6000.000	1.189	138.420	5998.954	21.143	0.000	21.145	-0.000	7.478	0.000	0.000	21.220	21.066	94.283	XOM_R2OWSG MWD+IFR1+MS
6100.000	1.189	138.420	6098.933	21.501	0.000	21.503	-0.000	7.621	0.000	0.000	21.577	21.424	94.376	XOM_R2OWSG MWD+IFR1+MS
6200.000	1.189	138.420	6198.911	21.858	0.000	21.861	-0.000	7.765	0.000	0.000	21.935	21.782	94.469	XOM_R2OWSG MWD+IFR1+MS
6300.000	1.189	138.420	6298.890	22.216	0.000	22.219	-0.000	7.912	0.000	0.000	22.292	22.140	94.563	XOM_R2OWSG MWD+IFR1+MS
6400.000	1.189	138.420	6398.868	22.574	0.000	22.578	-0.000	8.062	0.000	0.000	22.650	22.498	94.657	XOM_R2OWSG MWD+IFR1+MS
6500.000	1.189	138.420	6498.847	22.932	0.000	22.936	-0.000	8.213	0.000	0.000	23.008	22.856	94.752	XOM_R2OWSG MWD+IFR1+MS

6600.000	1.189	138.420	6598.825	23.289	0.000	23.294	-0.000	8.367	0.000	0.000	23.366	23.215	94.848	XOM_R2OWSG MWD+IFR1+MS
6641.751	1.189	138.420	6640.568	23.439	0.000	23.444	-0.000	8.432	0.000	0.000	23.515	23.364	94.887	XOM_R2OWSG MWD+IFR1+MS
6701.188	0.000	0.000	6700.000	23.720	0.000	23.571	0.000	8.525	0.000	0.000	23.721	23.570	94.895	XOM_R2OWSG MWD+IFR1+MS
6800.000	0.000	0.000	6798.812	24.052	0.000	23.903	0.000	8.682	0.000	0.000	24.054	23.902	94.815	XOM_R2OWSG MWD+IFR1+MS
6900.000	0.000	0.000	6898.812	24.389	0.000	24.238	0.000	8.843	0.000	0.000	24.390	24.237	94.737	XOM_R2OWSG MWD+IFR1+MS
7000.000	0.000	0.000	6998.812	24.727	0.000	24.575	0.000	9.007	0.000	0.000	24.728	24.574	94.662	XOM_R2OWSG MWD+IFR1+MS
7100.000	0.000	0.000	7098.812	25.065	0.000	24.912	0.000	9.173	0.000	0.000	25.066	24.911	94.589	XOM_R2OWSG MWD+IFR1+MS
7200.000	0.000	0.000	7198.812	25.404	0.000	25.250	0.000	9.341	0.000	0.000	25.405	25.249	94.520	XOM_R2OWSG MWD+IFR1+MS
7300.000	0.000	0.000	7298.812	25.743	0.000	25.588	0.000	9.512	0.000	0.000	25.744	25.587	94.453	XOM_R2OWSG MWD+IFR1+MS
7400.000	0.000	0.000	7398.812	26.083	0.000	25.927	0.000	9.686	0.000	0.000	26.084	25.926	94.389	XOM_R2OWSG MWD+IFR1+MS
7500.000	0.000	0.000	7498.812	26.423	0.000	26.266	0.000	9.862	0.000	0.000	26.424	26.265	94.327	XOM_R2OWSG MWD+IFR1+MS
7600.000	0.000	0.000	7598.812	26.764	0.000	26.606	0.000	10.041	0.000	0.000	26.765	26.605	94.268	XOM_R2OWSG MWD+IFR1+MS
7700.000	0.000	0.000	7698.812	27.105	0.000	26.946	0.000	10.223	0.000	0.000	27.106	26.946	94.210	XOM_R2OWSG MWD+IFR1+MS
7800.000	0.000	0.000	7798.812	27.447	0.000	27.287	0.000	10.407	0.000	0.000	27.448	27.286	94.155	XOM_R2OWSG MWD+IFR1+MS
7900.000	0.000	0.000	7898.812	27.789	0.000	27.629	0.000	10.594	0.000	0.000	27.790	27.628	94.101	XOM_R2OWSG MWD+IFR1+MS
8000.000	0.000	0.000	7998.812	28.131	0.000	27.970	0.000	10.784	0.000	0.000	28.132	27.969	94.049	XOM_R2OWSG MWD+IFR1+MS
8100.000	0.000	0.000	8098.812	28.474	0.000	28.312	0.000	10.976	0.000	0.000	28.475	28.312	93.999	XOM_R2OWSG MWD+IFR1+MS
8200.000	0.000	0.000	8198.812	28.817	0.000	28.655	0.000	11.171	0.000	0.000	28.818	28.654	93.951	XOM_R2OWSG MWD+IFR1+MS
8300.000	0.000	0.000	8298.812	29.161	0.000	28.998	0.000	11.369	0.000	0.000	29.162	28.997	93.904	XOM_R2OWSG MWD+IFR1+MS
8400.000	0.000	0.000	8398.812	29.505	0.000	29.341	0.000	11.570	0.000	0.000	29.506	29.340	93.859	XOM_R2OWSG MWD+IFR1+MS
8500.000	0.000	0.000	8498.812	29.849	0.000	29.685	0.000	11.773	0.000	0.000	29.850	29.684	93.815	XOM_R2OWSG MWD+IFR1+MS
8600.000	0.000	0.000	8598.812	30.194	0.000	30.028	0.000	11.980	0.000	0.000	30.195	30.028	93.772	XOM_R2OWSG MWD+IFR1+MS
8700.000	0.000	0.000	8698.812	30.539	0.000	30.373	0.000	12.189	0.000	0.000	30.540	30.372	93.730	XOM_R2OWSG MWD+IFR1+MS
8800.000	0.000	0.000	8798.812	30.884	0.000	30.717	0.000	12.401	0.000	0.000	30.885	30.717	93.690	XOM_R2OWSG MWD+IFR1+MS
8900.000	0.000	0.000	8898.812	31.230	0.000	31.062	0.000	12.615	0.000	0.000	31.230	31.062	93.651	XOM_R2OWSG MWD+IFR1+MS
9000.000	0.000	0.000	8998.812	31.576	0.000	31.408	0.000	12.833	0.000	0.000	31.576	31.407	93.614	XOM_R2OWSG MWD+IFR1+MS
9100.000	0.000	0.000	9098.812	31.922	0.000	31.753	0.000	13.053	0.000	0.000	31.922	31.752	93.577	XOM_R2OWSG MWD+IFR1+MS
9200.000	0.000	0.000	9198.812	32.268	0.000	32.099	0.000	13.277	0.000	0.000	32.269	32.098	93.541	XOM_R2OWSG MWD+IFR1+MS
9300.000	0.000	0.000	9298.812	32.615	0.000	32.445	0.000	13.503	0.000	0.000	32.615	32.444	93.506	XOM_R2OWSG MWD+IFR1+MS
9400.000	0.000	0.000	9398.812	32.962	0.000	32.791	0.000	13.732	0.000	0.000	32.962	32.791	93.472	XOM_R2OWSG MWD+IFR1+MS
9500.000	0.000	0.000	9498.812	33.309	0.000	33.138	0.000	13.964	0.000	0.000	33.309	33.137	93.440	XOM_R2OWSG MWD+IFR1+MS
9600.000	0.000	0.000	9598.812	33.656	0.000	33.485	0.000	14.199	0.000	0.000	33.657	33.484	93.408	XOM_R2OWSG MWD+IFR1+MS
9700.000	0.000	0.000	9698.812	34.004	0.000	33.832	0.000	14.437	0.000	0.000	34.004	33.831	93.376	XOM_R2OWSG MWD+IFR1+MS
9723.988	0.000	0.000	9722.800	34.087	0.000	33.915	0.000	14.495	0.000	0.000	34.088	33.915	93.369	XOM_R2OWSG MWD+IFR1+MS

9800.000	6.081	179.657	9798.669	34.220	0.000	34.179	-0.000	14.677	0.000	0.000	34.352	34.179	93.417	XOM_R2OWSG MWD+IFR1+MS
9900.000	14.081	179.657	9897.046	33.913	0.000	34.524	-0.000	14.911	0.000	0.000	34.693	34.523	93.747	XOM_R2OWSG MWD+IFR1+MS
10000.000	22.081	179.657	9992.030	33.068	0.000	34.861	-0.000	15.132	0.000	0.000	35.020	34.860	94.592	XOM_R2OWSG MWD+IFR1+MS
10100.000	30.081	179.657	10081.775	31.716	0.000	35.186	-0.000	15.338	0.000	0.000	35.320	35.184	96.533	XOM_R2OWSG MWD+IFR1+MS
10200.000	38.081	179.657	10164.532	29.906	0.000	35.495	-0.000	15.526	0.000	0.000	35.588	35.491	101.624	XOM_R2OWSG MWD+IFR1+MS
10300.000	46.081	179.657	10238.692	27.716	0.000	35.786	-0.000	15.700	0.000	0.000	35.825	35.771	121.510	XOM_R2OWSG MWD+IFR1+MS
10400.000	54.081	179.657	10302.810	25.256	0.000	36.055	-0.000	15.863	0.000	0.000	36.067	35.981	-22.249	XOM_R2OWSG MWD+IFR1+MS
10500.000	62.081	179.657	10355.639	22.681	0.000	36.301	-0.000	16.023	0.000	0.000	36.309	36.124	-12.113	XOM_R2OWSG MWD+IFR1+MS
10600.000	70.081	179.657	10396.151	20.213	0.000	36.521	-0.000	16.188	0.000	0.000	36.528	36.221	-8.878	XOM_R2OWSG MWD+IFR1+MS
10700.000	78.081	179.657	10423.556	18.157	0.000	36.714	-0.000	16.365	0.000	0.000	36.721	36.280	-7.462	XOM_R2OWSG MWD+IFR1+MS
10800.000	86.081	179.657	10437.323	16.887	0.000	36.877	-0.000	16.557	0.000	0.000	36.884	36.309	-6.790	XOM_R2OWSG MWD+IFR1+MS
10848.980	90.000	179.657	10438.997	16.657	0.000	36.944	-0.000	16.657	0.000	0.000	36.952	36.315	-6.632	XOM_R2OWSG MWD+IFR1+MS
10900.000	90.000	179.657	10438.997	16.768	0.000	37.012	-0.000	16.768	0.000	0.000	37.020	36.318	-6.494	XOM_R2OWSG MWD+IFR1+MS
11000.000	90.000	179.657	10438.997	17.011	0.000	37.159	-0.000	17.011	0.000	0.000	37.168	36.325	-6.188	XOM_R2OWSG MWD+IFR1+MS
11100.000	90.000	179.657	10438.997	17.286	0.000	37.321	-0.000	17.286	0.000	0.000	37.330	36.332	-5.885	XOM_R2OWSG MWD+IFR1+MS
11200.000	90.000	179.657	10438.997	17.592	0.000	37.498	-0.000	17.592	0.000	0.000	37.508	36.341	-5.595	XOM_R2OWSG MWD+IFR1+MS
11300.000	90.000	179.657	10438.997	17.927	0.000	37.690	-0.000	17.927	0.000	0.000	37.700	36.350	-5.323	XOM_R2OWSG MWD+IFR1+MS
11400.000	90.000	179.657	10438.997	18.289	0.000	37.896	-0.000	18.289	0.000	0.000	37.907	36.359	-5.071	XOM_R2OWSG MWD+IFR1+MS
11500.000	90.000	179.657	10438.997	18.678	0.000	38.117	-0.000	18.678	0.000	0.000	38.128	36.370	-4.838	XOM_R2OWSG MWD+IFR1+MS
11600.000	90.000	179.657	10438.997	19.091	0.000	38.352	-0.000	19.091	0.000	0.000	38.362	36.381	-4.623	XOM_R2OWSG MWD+IFR1+MS
11700.000	90.000	179.657	10438.997	19.526	0.000	38.600	-0.000	19.526	0.000	0.000	38.611	36.392	-4.425	XOM_R2OWSG MWD+IFR1+MS
11800.000	90.000	179.657	10438.997	19.983	0.000	38.862	-0.000	19.983	0.000	0.000	38.873	36.405	-4.243	XOM_R2OWSG MWD+IFR1+MS
11900.000	90.000	179.657	10438.997	20.460	0.000	39.137	-0.000	20.460	0.000	0.000	39.148	36.418	-4.075	XOM_R2OWSG MWD+IFR1+MS
12000.000	90.000	179.657	10438.997	20.956	0.000	39.425	-0.000	20.956	0.000	0.000	39.436	36.432	-3.919	XOM_R2OWSG MWD+IFR1+MS
12100.000	90.000	179.657	10438.997	21.469	0.000	39.725	-0.000	21.469	0.000	0.000	39.737	36.446	-3.775	XOM_R2OWSG MWD+IFR1+MS
12200.000	90.000	179.657	10438.997	21.997	0.000	40.039	-0.000	21.997	0.000	0.000	40.050	36.461	-3.641	XOM_R2OWSG MWD+IFR1+MS
12300.000	90.000	179.657	10438.997	22.541	0.000	40.364	-0.000	22.541	0.000	0.000	40.375	36.477	-3.517	XOM_R2OWSG MWD+IFR1+MS
12400.000	90.000	179.657	10438.997	23.099	0.000	40.701	-0.000	23.099	0.000	0.000	40.712	36.493	-3.402	XOM_R2OWSG MWD+IFR1+MS
12500.000	90.000	179.657	10438.997	23.669	0.000	41.049	-0.000	23.669	0.000	0.000	41.061	36.511	-3.294	XOM_R2OWSG MWD+IFR1+MS
12600.000	90.000	179.657	10438.997	24.252	0.000	41.409	-0.000	24.252	0.000	0.000	41.420	36.528	-3.193	XOM_R2OWSG MWD+IFR1+MS
12700.000	90.000	179.657	10438.997	24.845	0.000	41.779	-0.000	24.845	0.000	0.000	41.791	36.547	-3.099	XOM_R2OWSG MWD+IFR1+MS
12800.000	90.000	179.657	10438.997	25.449	0.000	42.161	-0.000	25.449	0.000	0.000	42.172	36.566	-3.010	XOM_R2OWSG MWD+IFR1+MS
12900.000	90.000	179.657	10438.997	26.063	0.000	42.552	-0.000	26.063	0.000	0.000	42.564	36.585	-2.927	XOM_R2OWSG MWD+IFR1+MS
13000.000	90.000	179.657	10438.997	26.685	0.000	42.954	-0.000	26.685	0.000	0.000	42.965	36.606	-2.849	XOM_R2OWSG MWD+IFR1+MS

13100.000	90.000	179.657	10438.997	27.316	0.000	43.366	-0.000	27.316	0.000	0.000	43.377	36.627	-2.775	XOM_R2OWSG MWD+IFR1+MS
13200.000	90.000	179.657	10438.997	27.955	0.000	43.787	-0.000	27.955	0.000	0.000	43.798	36.648	-2.705	XOM_R2OWSG MWD+IFR1+MS
13300.000	90.000	179.657	10438.997	28.601	0.000	44.217	-0.000	28.601	0.000	0.000	44.228	36.671	-2.639	XOM_R2OWSG MWD+IFR1+MS
13400.000	90.000	179.657	10438.997	29.254	0.000	44.656	-0.000	29.254	0.000	0.000	44.667	36.693	-2.577	XOM_R2OWSG MWD+IFR1+MS
13500.000	90.000	179.657	10438.997	29.913	0.000	45.104	-0.000	29.913	0.000	0.000	45.115	36.717	-2.518	XOM_R2OWSG MWD+IFR1+MS
13600.000	90.000	179.657	10438.997	30.578	0.000	45.561	-0.000	30.578	0.000	0.000	45.571	36.741	-2.462	XOM_R2OWSG MWD+IFR1+MS
13700.000	90.000	179.657	10438.997	31.248	0.000	46.025	-0.000	31.248	0.000	0.000	46.036	36.766	-2.408	XOM_R2OWSG MWD+IFR1+MS
13800.000	90.000	179.657	10438.997	31.924	0.000	46.498	-0.000	31.924	0.000	0.000	46.509	36.791	-2.357	XOM_R2OWSG MWD+IFR1+MS
13900.000	90.000	179.657	10438.997	32.605	0.000	46.978	-0.000	32.605	0.000	0.000	46.989	36.817	-2.309	XOM_R2OWSG MWD+IFR1+MS
14000.000	90.000	179.657	10438.997	33.290	0.000	47.466	-0.000	33.290	0.000	0.000	47.477	36.844	-2.263	XOM_R2OWSG MWD+IFR1+MS
14100.000	90.000	179.657	10438.997	33.980	0.000	47.961	-0.000	33.980	0.000	0.000	47.972	36.871	-2.219	XOM_R2OWSG MWD+IFR1+MS
14200.000	90.000	179.657	10438.997	34.673	0.000	48.463	-0.000	34.673	0.000	0.000	48.474	36.899	-2.177	XOM_R2OWSG MWD+IFR1+MS
14300.000	90.000	179.657	10438.997	35.371	0.000	48.972	-0.000	35.371	0.000	0.000	48.983	36.928	-2.136	XOM_R2OWSG MWD+IFR1+MS
14400.000	90.000	179.657	10438.997	36.072	0.000	49.488	-0.000	36.072	0.000	0.000	49.498	36.957	-2.098	XOM_R2OWSG MWD+IFR1+MS
14500.000	90.000	179.657	10438.997	36.776	0.000	50.010	-0.000	36.776	0.000	0.000	50.020	36.987	-2.061	XOM_R2OWSG MWD+IFR1+MS
14600.000	90.000	179.657	10438.997	37.484	0.000	50.538	-0.000	37.484	0.000	0.000	50.548	37.017	-2.025	XOM_R2OWSG MWD+IFR1+MS
14700.000	90.000	179.657	10438.997	38.194	0.000	51.072	-0.000	38.194	0.000	0.000	51.082	37.049	-1.991	XOM_R2OWSG MWD+IFR1+MS
14800.000	90.000	179.657	10438.997	38.908	0.000	51.612	-0.000	38.908	0.000	0.000	51.622	37.080	-1.958	XOM_R2OWSG MWD+IFR1+MS
14900.000	90.000	179.657	10438.997	39.624	0.000	52.158	-0.000	39.624	0.000	0.000	52.168	37.113	-1.927	XOM_R2OWSG MWD+IFR1+MS
15000.000	90.000	179.657	10438.997	40.343	0.000	52.709	-0.000	40.343	0.000	0.000	52.719	37.146	-1.897	XOM_R2OWSG MWD+IFR1+MS
15100.000	90.000	179.657	10438.997	41.064	0.000	53.265	-0.000	41.064	0.000	0.000	53.275	37.179	-1.868	XOM_R2OWSG MWD+IFR1+MS
15200.000	90.000	179.657	10438.997	41.787	0.000	53.827	-0.000	41.787	0.000	0.000	53.836	37.213	-1.840	XOM_R2OWSG MWD+IFR1+MS
15300.000	90.000	179.657	10438.997	42.513	0.000	54.393	-0.000	42.513	0.000	0.000	54.403	37.248	-1.812	XOM_R2OWSG MWD+IFR1+MS
15400.000	90.000	179.657	10438.997	43.241	0.000	54.965	-0.000	43.241	0.000	0.000	54.974	37.283	-1.786	XOM_R2OWSG MWD+IFR1+MS
15500.000	90.000	179.657	10438.997	43.970	0.000	55.541	-0.000	43.970	0.000	0.000	55.550	37.319	-1.761	XOM_R2OWSG MWD+IFR1+MS
15600.000	90.000	179.657	10438.997	44.702	0.000	56.121	-0.000	44.702	0.000	0.000	56.131	37.356	-1.737	XOM_R2OWSG MWD+IFR1+MS
15700.000	90.000	179.657	10438.997	45.435	0.000	56.706	-0.000	45.435	0.000	0.000	56.715	37.393	-1.713	XOM_R2OWSG MWD+IFR1+MS
15800.000	90.000	179.657	10438.997	46.170	0.000	57.296	-0.000	46.170	0.000	0.000	57.305	37.431	-1.691	XOM_R2OWSG MWD+IFR1+MS
15900.000	90.000	179.657	10438.997	46.907	0.000	57.889	-0.000	46.907	0.000	0.000	57.898	37.469	-1.669	XOM_R2OWSG MWD+IFR1+MS
16000.000	90.000	179.657	10438.997	47.645	0.000	58.486	-0.000	47.645	0.000	0.000	58.495	37.508	-1.647	XOM_R2OWSG MWD+IFR1+MS
16100.000	90.000	179.657	10438.997	48.384	0.000	59.087	-0.000	48.384	0.000	0.000	59.096	37.548	-1.627	XOM_R2OWSG MWD+IFR1+MS
16200.000	90.000	179.657	10438.997	49.125	0.000	59.692	-0.000	49.125	0.000	0.000	59.701	37.588	-1.607	XOM_R2OWSG MWD+IFR1+MS
16300.000	90.000	179.657	10438.997	49.868	0.000	60.301	-0.000	49.868	0.000	0.000	60.310	37.629	-1.587	XOM_R2OWSG MWD+IFR1+MS
16400.000	90.000	179.657	10438.997	50.611	0.000	60.913	-0.000	50.611	0.000	0.000	60.922	37.670	-1.568	XOM_R2OWSG MWD+IFR1+MS

16500.000	90.000	179.657	10438.997	51.356	0.000	61.529	-0.000	51.356	0.000	0.000	61.537	37.712	-1.550	XOM_R2OWSG MWD+IFR1+MS
16600.000	90.000	179.657	10438.997	52.102	0.000	62.148	-0.000	52.102	0.000	0.000	62.156	37.755	-1.532	XOM_R2OWSG MWD+IFR1+MS
16700.000	90.000	179.657	10438.997	52.849	0.000	62.770	-0.000	52.849	0.000	0.000	62.778	37.798	-1.515	XOM_R2OWSG MWD+IFR1+MS
16800.000	90.000	179.657	10438.997	53.598	0.000	63.395	-0.000	53.598	0.000	0.000	63.404	37.841	-1.498	XOM_R2OWSG MWD+IFR1+MS
16900.000	90.000	179.657	10438.997	54.347	0.000	64.024	-0.000	54.347	0.000	0.000	64.032	37.886	-1.482	XOM_R2OWSG MWD+IFR1+MS
17000.000	90.000	179.657	10438.997	55.097	0.000	64.655	-0.000	55.097	0.000	0.000	64.663	37.930	-1.466	XOM_R2OWSG MWD+IFR1+MS
17100.000	90.000	179.657	10438.997	55.848	0.000	65.289	-0.000	55.848	0.000	0.000	65.297	37.976	-1.451	XOM_R2OWSG MWD+IFR1+MS
17200.000	90.000	179.657	10438.997	56.600	0.000	65.926	-0.000	56.600	0.000	0.000	65.934	38.022	-1.436	XOM_R2OWSG MWD+IFR1+MS
17300.000	90.000	179.657	10438.997	57.353	0.000	66.566	-0.000	57.353	0.000	0.000	66.574	38.068	-1.422	XOM_R2OWSG MWD+IFR1+MS
17400.000	90.000	179.657	10438.997	58.107	0.000	67.208	-0.000	58.107	0.000	0.000	67.216	38.116	-1.407	XOM_R2OWSG MWD+IFR1+MS
17500.000	90.000	179.657	10438.997	58.862	0.000	67.853	-0.000	58.862	0.000	0.000	67.861	38.163	-1.394	XOM_R2OWSG MWD+IFR1+MS
17600.000	90.000	179.657	10438.997	59.617	0.000	68.501	-0.000	59.617	0.000	0.000	68.508	38.212	-1.380	XOM_R2OWSG MWD+IFR1+MS
17700.000	90.000	179.657	10438.997	60.373	0.000	69.150	-0.000	60.373	0.000	0.000	69.158	38.260	-1.367	XOM_R2OWSG MWD+IFR1+MS
17800.000	90.000	179.657	10438.997	61.130	0.000	69.803	-0.000	61.130	0.000	0.000	69.810	38.310	-1.354	XOM_R2OWSG MWD+IFR1+MS
17900.000	90.000	179.657	10438.997	61.888	0.000	70.457	-0.000	61.888	0.000	0.000	70.465	38.360	-1.342	XOM_R2OWSG MWD+IFR1+MS
18000.000	90.000	179.657	10438.997	62.646	0.000	71.114	-0.000	62.646	0.000	0.000	71.121	38.410	-1.329	XOM_R2OWSG MWD+IFR1+MS
18100.000	90.000	179.657	10438.997	63.405	0.000	71.773	-0.000	63.405	0.000	0.000	71.780	38.461	-1.318	XOM_R2OWSG MWD+IFR1+MS
18200.000	90.000	179.657	10438.997	64.164	0.000	72.433	-0.000	64.164	0.000	0.000	72.441	38.513	-1.306	XOM_R2OWSG MWD+IFR1+MS
18300.000	90.000	179.657	10438.997	64.925	0.000	73.096	-0.000	64.925	0.000	0.000	73.104	38.565	-1.295	XOM_R2OWSG MWD+IFR1+MS
18400.000	90.000	179.657	10438.997	65.685	0.000	73.761	-0.000	65.685	0.000	0.000	73.769	38.618	-1.284	XOM_R2OWSG MWD+IFR1+MS
18500.000	90.000	179.657	10438.997	66.447	0.000	74.428	-0.000	66.447	0.000	0.000	74.435	38.671	-1.273	XOM_R2OWSG MWD+IFR1+MS
18600.000	90.000	179.657	10438.997	67.208	0.000	75.097	-0.000	67.208	0.000	0.000	75.104	38.725	-1.262	XOM_R2OWSG MWD+IFR1+MS
18700.000	90.000	179.657	10438.997	67.971	0.000	75.768	-0.000	67.971	0.000	0.000	75.775	38.779	-1.252	XOM_R2OWSG MWD+IFR1+MS
18800.000	90.000	179.657	10438.997	68.733	0.000	76.440	-0.000	68.733	0.000	0.000	76.447	38.834	-1.242	XOM_R2OWSG MWD+IFR1+MS
18900.000	90.000	179.657	10438.997	69.497	0.000	77.114	-0.000	69.497	0.000	0.000	77.121	38.889	-1.232	XOM_R2OWSG MWD+IFR1+MS
19000.000	90.000	179.657	10438.997	70.261	0.000	77.790	-0.000	70.261	0.000	0.000	77.797	38.945	-1.222	XOM_R2OWSG MWD+IFR1+MS
19100.000	90.000	179.657	10438.997	71.025	0.000	78.467	-0.000	71.025	0.000	0.000	78.474	39.002	-1.213	XOM_R2OWSG MWD+IFR1+MS
19200.000	90.000	179.657	10438.997	71.789	0.000	79.146	-0.000	71.789	0.000	0.000	79.153	39.059	-1.204	XOM_R2OWSG MWD+IFR1+MS
19300.000	90.000	179.657	10438.997	72.555	0.000	79.827	-0.000	72.555	0.000	0.000	79.834	39.116	-1.194	XOM_R2OWSG MWD+IFR1+MS
19400.000	90.000	179.657	10438.997	73.320	0.000	80.509	-0.000	73.320	0.000	0.000	80.516	39.174	-1.186	XOM_R2OWSG MWD+IFR1+MS
19500.000	90.000	179.657	10438.997	74.086	0.000	81.193	-0.000	74.086	0.000	0.000	81.199	39.233	-1.177	XOM_R2OWSG MWD+IFR1+MS
19600.000	90.000	179.657	10438.997	74.852	0.000	81.878	-0.000	74.852	0.000	0.000	81.884	39.292	-1.168	XOM_R2OWSG MWD+IFR1+MS
19700.000	90.000	179.657	10438.997	75.619	0.000	82.564	-0.000	75.619	0.000	0.000	82.571	39.352	-1.160	XOM_R2OWSG MWD+IFR1+MS
19800.000	90.000	179.657	10438.997	76.386	0.000	83.252	-0.000	76.386	0.000	0.000	83.259	39.412	-1.152	XOM_R2OWSG MWD+IFR1+MS

19900.000	90.000	179.657	10438.997	77.154	0.000	83.942	-0.000	77.154	0.000	0.000	83.948	39.472	-1.144	XOM_R2OWSG MWD+IFR1+MS
20000.000	90.000	179.657	10438.997	77.921	0.000	84.632	-0.000	77.921	0.000	0.000	84.638	39.534	-1.136	XOM_R2OWSG MWD+IFR1+MS
20100.000	90.000	179.657	10438.997	78.690	0.000	85.324	-0.000	78.690	0.000	0.000	85.330	39.595	-1.128	XOM_R2OWSG MWD+IFR1+MS
20200.000	90.000	179.657	10438.997	79.458	0.000	86.017	-0.000	79.458	0.000	0.000	86.023	39.657	-1.121	XOM_R2OWSG MWD+IFR1+MS
20300.000	90.000	179.657	10438.997	80.227	0.000	86.711	-0.000	80.227	0.000	0.000	86.717	39.720	-1.113	XOM_R2OWSG MWD+IFR1+MS
20400.000	90.000	179.657	10438.997	80.996	0.000	87.407	-0.000	80.996	0.000	0.000	87.413	39.783	-1.106	XOM_R2OWSG MWD+IFR1+MS
20500.000	90.000	179.657	10438.997	81.765	0.000	88.103	-0.000	81.765	0.000	0.000	88.110	39.847	-1.099	XOM_R2OWSG MWD+IFR1+MS
20600.000	90.000	179.657	10438.997	82.535	0.000	88.801	-0.000	82.535	0.000	0.000	88.807	39.911	-1.092	XOM_R2OWSG MWD+IFR1+MS
20700.000	90.000	179.657	10438.997	83.305	0.000	89.500	-0.000	83.305	0.000	0.000	89.506	39.976	-1.085	XOM_R2OWSG MWD+IFR1+MS
20800.000	90.000	179.657	10438.997	84.075	0.000	90.200	-0.000	84.075	0.000	0.000	90.206	40.041	-1.078	XOM_R2OWSG MWD+IFR1+MS
20900.000	90.000	179.657	10438.997	84.845	0.000	90.901	-0.000	84.845	0.000	0.000	90.907	40.107	-1.072	XOM_R2OWSG MWD+IFR1+MS
21000.000	90.000	179.657	10438.997	85.616	0.000	91.603	-0.000	85.616	0.000	0.000	91.609	40.173	-1.065	XOM_R2OWSG MWD+IFR1+MS
21100.000	90.000	179.657	10438.997	86.387	0.000	92.306	-0.000	86.387	0.000	0.000	92.312	40.239	-1.059	XOM_R2OWSG MWD+IFR1+MS
21200.000	90.000	179.657	10438.997	87.158	0.000	93.010	-0.000	87.158	0.000	0.000	93.016	40.306	-1.052	XOM_R2OWSG MWD+IFR1+MS
21300.000	90.000	179.657	10438.997	87.930	0.000	93.715	-0.000	87.930	0.000	0.000	93.721	40.374	-1.046	XOM_R2OWSG MWD+IFR1+MS
21400.000	90.000	179.657	10438.997	88.702	0.000	94.421	-0.000	88.702	0.000	0.000	94.427	40.442	-1.040	XOM_R2OWSG MWD+IFR1+MS
21500.000	90.000	179.657	10438.997	89.473	0.000	95.128	-0.000	89.473	0.000	0.000	95.134	40.511	-1.034	XOM_R2OWSG MWD+IFR1+MS
21600.000	90.000	179.657	10438.997	90.246	0.000	95.836	-0.000	90.246	0.000	0.000	95.842	40.580	-1.028	XOM_R2OWSG MWD+IFR1+MS
21700.000	90.000	179.657	10438.997	91.018	0.000	96.545	-0.000	91.018	0.000	0.000	96.550	40.649	-1.023	XOM_R2OWSG MWD+IFR1+MS
21800.000	90.000	179.657	10438.997	91.791	0.000	97.254	-0.000	91.791	0.000	0.000	97.260	40.719	-1.017	XOM_R2OWSG MWD+IFR1+MS
21900.000	90.000	179.657	10438.997	92.563	0.000	97.965	-0.000	92.563	0.000	0.000	97.970	40.789	-1.011	XOM_R2OWSG MWD+IFR1+MS
22000.000	90.000	179.657	10438.997	93.336	0.000	98.676	-0.000	93.336	0.000	0.000	98.681	40.860	-1.006	XOM_R2OWSG MWD+IFR1+MS
22100.000	90.000	179.657	10438.997	94.110	0.000	99.388	-0.000	94.110	0.000	0.000	99.393	40.932	-1.000	XOM_R2OWSG MWD+IFR1+MS
22200.000	90.000	179.657	10438.997	94.883	0.000	100.101	-0.000	94.883	0.000	0.000	100.106	41.003	-0.995	XOM_R2OWSG MWD+IFR1+MS
22300.000	90.000	179.657	10438.997	95.656	0.000	100.814	-0.000	95.656	0.000	0.000	100.820	41.076	-0.990	XOM_R2OWSG MWD+IFR1+MS
22400.000	90.000	179.657	10438.997	96.430	0.000	101.529	-0.000	96.430	0.000	0.000	101.534	41.148	-0.985	XOM_R2OWSG MWD+IFR1+MS
22500.000	90.000	179.657	10438.997	97.204	0.000	102.244	-0.000	97.204	0.000	0.000	102.249	41.221	-0.980	XOM_R2OWSG MWD+IFR1+MS
22600.000	90.000	179.657	10438.997	97.978	0.000	102.959	-0.000	97.978	0.000	0.000	102.965	41.295	-0.975	XOM_R2OWSG MWD+IFR1+MS
22700.000	90.000	179.657	10438.997	98.752	0.000	103.676	-0.000	98.752	0.000	0.000	103.681	41.369	-0.970	XOM_R2OWSG MWD+IFR1+MS
22800.000	90.000	179.657	10438.997	99.527	0.000	104.393	-0.000	99.527	0.000	0.000	104.398	41.443	-0.965	XOM_R2OWSG MWD+IFR1+MS
22900.000	90.000	179.657	10438.997	100.301	0.000	105.111	-0.000	100.301	0.000	0.000	105.116	41.518	-0.960	XOM_R2OWSG MWD+IFR1+MS
23000.000	90.000	179.657	10438.997	101.076	0.000	105.830	-0.000	101.076	0.000	0.000	105.835	41.594	-0.956	XOM_R2OWSG MWD+IFR1+MS
23100.000	90.000	179.657	10438.997	101.464	0.000	106.278	-0.000	101.464	0.000	0.000	106.283	48.151	-1.006	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_22
23114.220	90.000	179.657	10438.997	101.464	0.000	106.303	-0.000	101.464	0.000	0.000	106.308	48.164	-1.006	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_22

23204.220	90.000	179.657	10438.997	101.466	0.000	106.464	-0.000	101.466	0.000	0.000	106.469	48.247	-1.005	MWD+IFR1+SAG+MS+GS_XTO_PLUDTD_22

Plan Targets Poker Lake Unit 22 DTD South 203H

Target Name	Measured Depth (ft)	Grid Northing (ft)	Grid Easting (ft)	TVD MSL (ft)	Target Shape
FTP 20	10597.10	440472.40	642777.20	6977.00	RECTANGLE
SHL 20	10363.27	440559.11	642714.06	6797.82	RECTANGLE
LTP 20	23114.22	427491.20	642854.90	6977.00	RECTANGLE
BHL 20	23204.57	427401.20	642855.80	6977.00	RECTANGLE

PECOS DISTRICT
DRILLING CONDITIONS OF APPROVAL

OPERATOR'S NAME:	XTO
LEASE NO.:	**NMLC068431**
LOCATION:	Sec. 22, T.24 S, R 30 E
COUNTY:	Eddy County, New Mexico
WELL NAME & NO.:	Poker Lake Unit 22 DTD 203H
SURFACE HOLE FOOTAGE:	13'/N & 1594'/W
BOTTOM HOLE FOOTAGE:	2627'/N & 1670'/W

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 **9-5/8** inch surface casing shall be set at approximately **950** feet (a minimum of 70 feet (Eddy County) into the Rustler Anhydrite, above the salt, and below usable fresh water) and cemented to the surface.

    a. If cement does not circulate to the surface, the appropriate BLM office shall be notified and a temperature survey utilizing an electronic type temperature survey with surface log readout will be used or a cement bond log shall be run to verify the top of the cement. Temperature survey will be run a minimum of six hours after pumping

cement and ideally between 8-10 hours after completing the cement job.

b. Wait on cement (WOC) time for a primary cement job will be a minimum of **8 hours** or **500 pounds compressive strength**, whichever is greater. (This is to include the lead cement)
c. Wait on cement (WOC) time for a remedial job will be a minimum of 4 hours after bringing cement to surface or 500 pounds compressive strength, whichever is greater.
d. If cement falls back, remedial cementing will be done prior to drilling out that string.

Intermediate casing must be kept fluid filled to meet BLM minimum collapse requirement.

2. The minimum required fill of cement behind the **7-5/8** inch intermediate casing is: Operator has proposed to cement in two stages by conventionally cementing the first stage and performing a bradenhead squeeze on the second stage, contingent upon no returns to surface.

a. **First stage:** Operator will cement with intent to reach the top of the **Brushy Canyon at 6458'.**

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.

Operator has proposed to pump down Surface X Intermediate 1 annulus after primary cementing stage. Operator must run Echo-meter to verify Cement Slurry/Fluid top in the annulus OR operator shall run a CBL from TD of the Surface casing to tieback requirements listed above after the second stage BH to verify TOC. Submit results to the BLM. No displacement fluid/wash out shall be utilized at the top of the cement slurry between second stage BH and top out. Operator must use a limited flush fluid volume of 1 bbl following backside cementing procedures.

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

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

C. PRESSURE CONTROL

1. Variance approved to use flex line from BOP to choke manifold. Manufacturer's specification to be readily available. No external damage to flex line. Flex line to be installed as straight as possible (no hard bends).

2. Operator has proposed a multi-bowl wellhead assembly. Minimum working pressure of the blowout preventer (BOP) and related equipment (BOPE) required for drilling below the surface casing shoe shall be **5000 (5M)** psi.
a. Wellhead shall be installed by manufacturer's representatives, submit documentation with subsequent sundry.
b. If the welding is performed by a third party, the manufacturer's representative shall monitor the temperature to verify that it does not exceed the maximum temperature of the seal.
c. Manufacturer representative shall install the test plug for the initial BOP test.
d. If the cement does not circulate and one-inch operations would have been possible with a standard wellhead, the well head shall be cut off, cementing operations performed and another wellhead installed.
e. Whenever any seal subject to test pressure is broken, all the tests in 43 CFR 3172 must be followed.

D. SPECIAL REQUIREMENT (S)

Unit Wells

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

Commercial Well Determination

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

BOPE Break Testing Variance

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

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

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

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

GENERAL REQUIREMENTS

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

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

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

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

A. CASING

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

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

B. PRESSURE CONTROL

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

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

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

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

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

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

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

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

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

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

C. DRILLING MUD

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

D. WASTE MATERIAL AND FLUIDS

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

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

Approved by Zota Stevens on 10/6/2024
575-234-5998 / zstevens@blm.gov

HYDROGEN SULFIDE (H2S) CONTINGENCY PLAN

Assumed 100 ppm ROE = 3000'

100 ppm H2S concentration shall trigger activation of this plan.

Emergency Procedures

In the event of a release of gas containing H_2S, the first responder(s) must

- Isolate the area and prevent entry by other persons into the 100 ppm ROE.
- Evacuate any public places encompassed by the 100 ppm ROE.
- Be equipped with H_2S monitors and air packs in order to control the release.
- Use the "buddy system" to ensure no injuries occur during the response
- Take precautions to avoid personal injury during this operation.
- Contact operator and/or local officials to aid in operation. See list of phone numbers attached.
- Have received training in the
  - Detection of H_2S, and
  - Measures for protection against the gas,
  - Equipment used for protection and emergency response.

Ignition of Gas source

Should control of the well be considered lost and ignition considered, take care to protect against exposure to Sulfur Dioxide (SO_2). Intentional ignition must be coordinated with the NMOCD and local officials. Additionally, the NM State Police may become involved. NM State Police shall be the Incident Command on scene of any major release. Take care to protect downwind whenever this is an ignition of the gas.

Characteristics of H_2S and SO_2

Common Name	Chemical Formula	Specific Gravity	Threshold Limit	Hazardous Limit	Lethal Concentration
Hydrogen Sulfide	H_2S	1.189 Air = I	10 ppm	100 ppm/hr	600 ppm
Sulfur Dioxide	SO_2	2.21 Air = I	2 ppm	N/A	1000 ppm

Contacting Authorities

All XTO location personnel must liaison with local and state agencies to ensure a proper response to a major release. Additionally, the OCD must be notified of the release as soon as possible but no later than 4 hours. Agencies will ask for information such as type and volume of release, wind direction, location of release, etc. Be prepared with all information available including directions to site. The following call list of essential and potential responders has been prepared for use during a release. (Operator Name)'s response must be in coordination with the State of New Mexico's "Hazardous Materials Emergency Response Plan" (HMER).

CARLSBAD OFFICE – EDDY & LEA COUNTIES

3104 E. Greene St., Carlsbad, NM 88220
Carlsbad, NM 575-887-7329

XTO PERSONNEL:

Will Dacus, Drilling Manager	832-948-5021
Brian Dunn, Drilling Supervisor	832-653-0490
Robert Bartels, Construction Execution Planner	406-478-3617
Andy Owens, EH & S Manager	903-245-2602
Frank Fuentes, Production Foreman	575-689-3363

SHERIFF DEPARTMENTS:

Eddy County	575-887-7551
Lea County	575-396-3611

NEW MEXICO STATE POLICE: 575-392-5588

FIRE DEPARTMENTS: 911

Carlsbad	575-885-2111
Eunice	575-394-2111
Hobbs	575-397-9308
Jal	575-395-2221
Lovington	575-396-2359

HOSPITALS: 911

Carlsbad Medical Emergency	575-885-2111
Eunice Medical Emergency	575-394-2112
Hobbs Medical Emergency	575-397-9308
Jal Medical Emergency	575-395-2221
Lovington Medical Emergency	575-396-2359

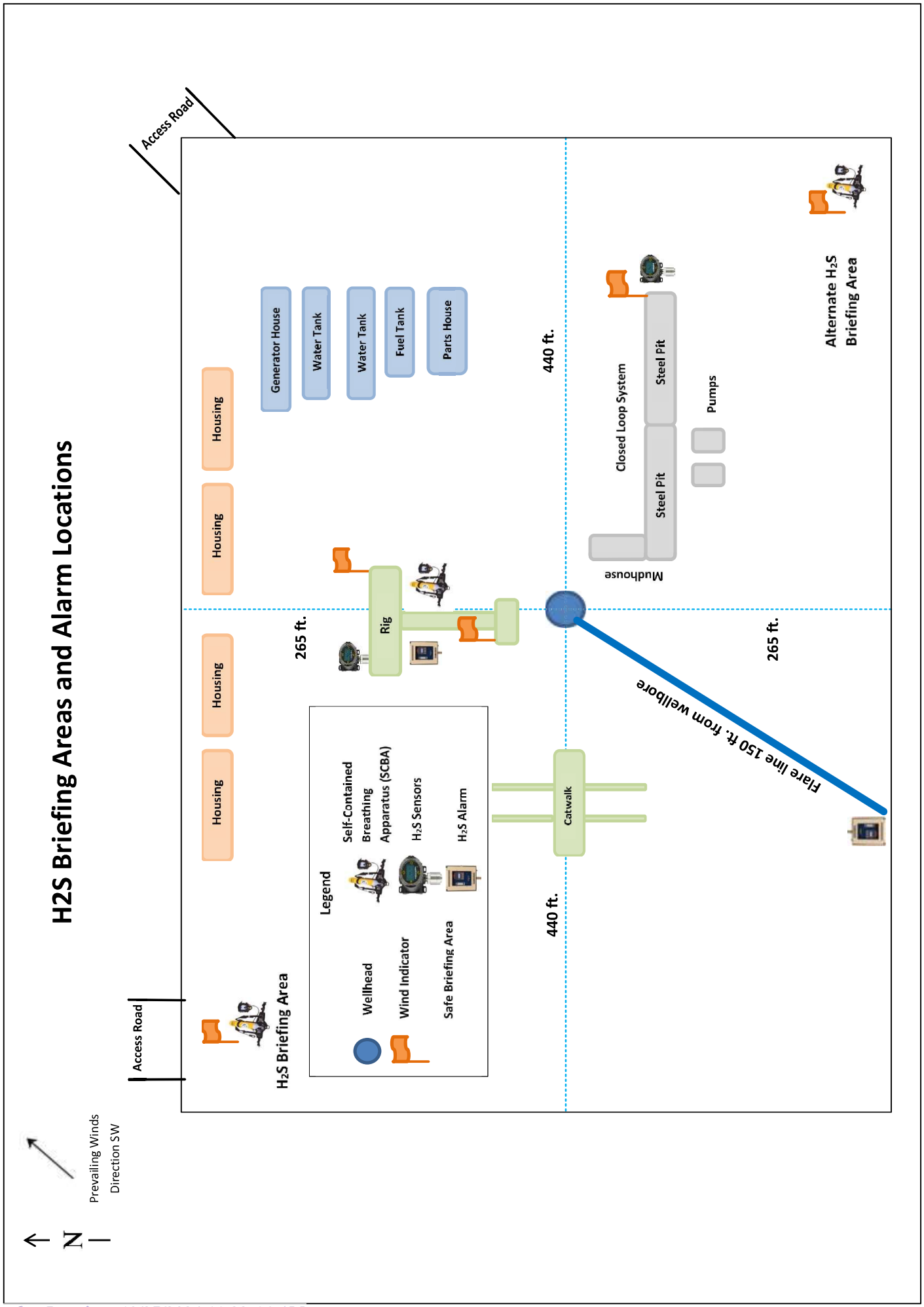
AGENT NOTIFICATIONS:

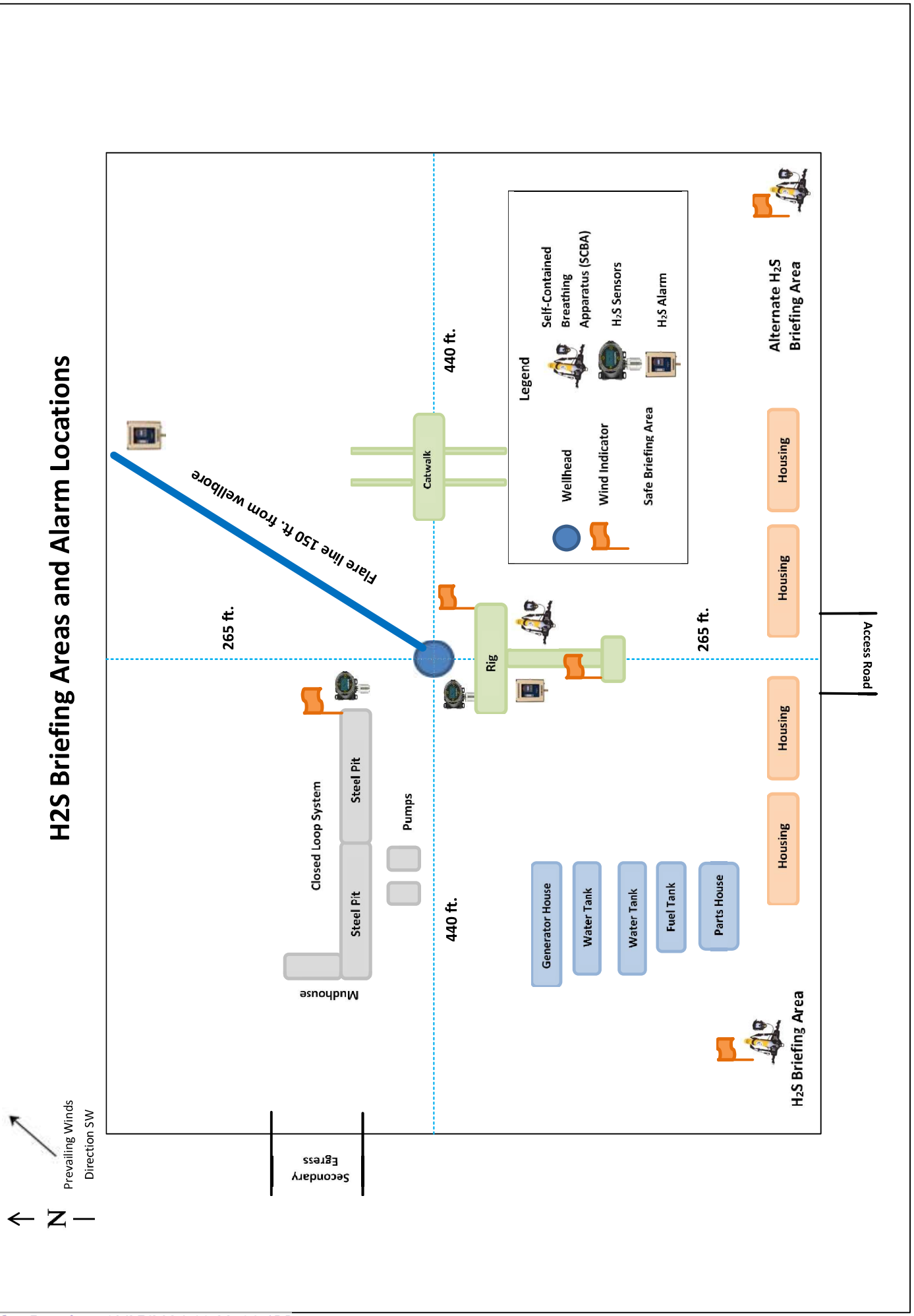
For Lea County:

Bureau of Land Management – Hobbs	575-393-3612
New Mexico Oil Conservation Division – Hobbs	575-393-6161

For Eddy County:

Bureau of Land Management - Carlsbad	575-234-5972
New Mexico Oil Conservation Division - Artesia	575-748-1283


H2S Briefing Areas and Alarm Locations
Access Road
Access Road
Housing
Housing
Housing
Housing
Generator House
Water Tank
Water Tank
Fuel Tank
Parts House
440 ft.
265 ft.
Rig
Mudhouse
Closed Loop System
Steel Pit
Steel Pit
Pumps
Alternate H2S Briefing Area
265 ft.
Flare line 150 ft. from wellbore
H2S Briefing Area
Legend
Self-Contained Breathing Apparatus (SCBA)
H2S Sensors
H2S Alarm
Wellhead
Wind Indicator
Safe Briefing Area
Catwalk
440 ft.
N
Prevailing Winds
Direction SW


H2S Briefing Areas and Alarm Locations
N
Prevailing Winds
Direction SW
Secondary Egress
Flare line 150 ft. from wellbore
Catwalk
440 ft.
265 ft.
Rig
265 ft.
440 ft.
Legend
Self-Contained Breathing Apparatus (SCBA)
H2S Sensors
H2S Alarm
Wellhead
Wind Indicator
Safe Briefing Area
Alternate H2S Briefing Area
Housing
Housing
Housing
Housing
Access Road
Closed Loop System
Steel Pit
Steel Pit
Pumps
Mudhouse
Generator House
Water Tank
Water Tank
Fuel Tank
Parts House
H2S Briefing Area

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 22 DTD **Well Number:** 203H

Reserve Pit

Reserve Pit being used? NO

Temporary disposal of produced water into reserve pit? NO

Reserve pit length (ft.) **Reserve pit width (ft.)**

Reserve pit depth (ft.) **Reserve pit volume (cu. yd.)**

Is at least 50% of the reserve pit in cut?

Reserve pit liner

Reserve pit liner specifications and installation description

Cuttings Area

Cuttings Area being used? NO

Are you storing cuttings on location? Y

Description of cuttings location Cuttings. The well will be drilled utilizing a closed-loop mud system. Drill cuttings will be held in roll-off style mud boxes and taken to a New Mexico Oil Conservation Division (NMOCD) approved disposal site. Drilling Fluids. These will be contained in steel mud pits and then taken to a NMOCD approved commercial disposal facility. Produced Fluids. Water produced from the well during completion will be held temporarily in steel tanks and then taken to a NMOCD approved commercial disposal facility. Oil produced during operations will be stored in tanks until sold.

Cuttings area length (ft.) **Cuttings area width (ft.)**

Cuttings area depth (ft.) **Cuttings area volume (cu. yd.)**

Is at least 50% of the cuttings area in cut?

WCuttings area liner

Cuttings area liner specifications and installation description

Section 8 - Ancillary

Are you requesting any Ancillary Facilities?: N

Ancillary Facilities

Comments:

Section 9 - Well Site

Well Site Layout Diagram:

POKER_LAKE_UNIT_22_DTD_203H_Well_20240406153511.pdf

Comments: Multi-well pad.

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 22 DTD **Well Number:** 203H

Section 10 - Plans for Surface Reclamation

Type of disturbance: No New Surface Disturbance **Multiple Well Pad Name:** POKER LAKE UNIT 22 DTD

Multiple Well Pad Number: B

Recontouring

PLU_22_DTD_IR1_20240330135315.pdf

PLU_22_DTD_IR2_20240330135315.pdf

PLU_22_DTD_IR3_20240330135315.pdf

PLU_22_DTD_IR4_20240330135315.pdf

Drainage/Erosion control construction: Initial seedbed preparation will consist of recontouring to the appropriate interim or final reclamation standard. All compacted areas to be seeded will be ripped to a minimum depth of 18 inches with a minimum furrow spacing of 2 feet, followed by recontouring the surface and then evenly spreading the stockpiled topsoil. Prior to seeding, the seedbed will be scarified to a depth of no less than 4-6 inches

Drainage/Erosion control reclamation: Erosion features are equal to or less than surrounding area and erosion control is sufficient so that water naturally infiltrates into the soil and gullying, headcutting, slumping, and deep or excessive rills (greater than 3 inches) are not observed.

Well pad proposed disturbance (acres):	**Well pad interim reclamation (acres):** 0	**Well pad long term disturbance (acres):** 0
Road proposed disturbance (acres):	**Road interim reclamation (acres):** 0	**Road long term disturbance (acres):** 0
Powerline proposed disturbance (acres):	**Powerline interim reclamation (acres):** 0	**Powerline long term disturbance (acres):** 0
Pipeline proposed disturbance (acres):	**Pipeline interim reclamation (acres):** 0	**Pipeline long term disturbance (acres):** 0
Other proposed disturbance (acres):	**Other interim reclamation (acres):** 0	**Other long term disturbance (acres):** 0
Total proposed disturbance: 0	**Total interim reclamation:** 0	**Total long term disturbance:** 0

Disturbance Comments:

Reconstruction method: The original stock piled topsoil will be spread over the areas being reclaimed and the original landform will be restored for all disturbed areas including well pads, production facilities, roads, pipelines, and utility corridors as close as possible to the original topography. The location will then be ripped and seeded.

Topsoil redistribution: The original stock piled topsoil will be spread over the areas being reclaimed and the original landform will be restored for all disturbed areas including well pads, production facilities, roads, pipelines, and utility corridors as close as possible to the original topography. The location will then be ripped and seeded.

Soil treatment: A self-sustaining, vigorous, diverse, native (or otherwise approved) plan community will be established on the site with a density sufficient to control erosion and invasion by non-native plants and to re-establish wildlife habitat or forage production. At a minimum, the established plant community will consist of species included in the seed mix and/or desirable species occurring in the surrounding natural vegetation
<style isBold="true">Existing Vegetation at the well pad:</style> Soils are classified as Simona Gravelly Fine Sandy Loam and Simona-Bippus Complex. Simona soils are found on alluvial fans and plans and form in mixed alluvium and/or Aeolian sands. Bippus soils are found on alluvial fans and floodplains and form in mixed alluvium. The Simonaˇ Bippus soils are dominant to the east and the Simona Gravelly Fine Sandy Loams are dominant to the West. Dominant vegetation species include: mesquite, sumac snakeweed, and various forbs and grasses. Ground cover is minimal, offering 90 percent visibility
Existing Vegetation at the well pad

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 22 DTD **Well Number:** 203H

<style isBold="true">Existing Vegetation Community at the road:</style> Soils are classified as Simona Gravelly Fine Sandy Loam and Simona-Bippus Complex. Simona soils are found on alluvial fans and plans and form in mixed alluvium and/or Aeolian sands. Bippus soils are found on alluvial fans and floodplains and form in mixed alluvium. The Simona˘Bippus soils are dominant to the east and the Simona Gravelly Fine Sandy Loams are dominant to the West. Dominant vegetation species include: mesquite, sumac snakeweed, and various forbs and grasses. Ground cover is minimal, offering 90 percent visibility

Existing Vegetation Community at the road

<style isBold="true">Existing Vegetation Community at the pipeline:</style> Soils are classified as Simona Gravelly Fine Sandy Loam and Simona-Bippus Complex. Simona soils are found on alluvial fans and plans and form in mixed alluvium and/or Aeolian sands. Bippus soils are found on alluvial fans and floodplains and form in mixed alluvium. The Simona˘Bippus soils are dominant to the east and the Simona Gravelly Fine Sandy Loams are dominant to the West. Dominant vegetation species include: mesquite, sumac snakeweed, and various forbs and grasses. Ground cover is minimal, offering 90 percent visibility

Existing Vegetation Community at the pipeline

<style isBold="true">Existing Vegetation Community at other disturbances:</style> Soils are classified as Simona Gravelly Fine Sandy Loam and Simona-Bippus Complex. Simona soils are found on alluvial fans and plans and form in mixed alluvium and/or Aeolian sands. Bippus soils are found on alluvial fans and floodplains and form in mixed alluvium. The Simona˘Bippus soils are dominant to the east and the Simona Gravelly Fine Sandy Loams are dominant to the West. Dominant vegetation species include: mesquite, sumac snakeweed, and various forbs and grasses. Ground cover is minimal, offering 90 percent visibility

Existing Vegetation Community at other disturbances

Non native seed used? N

Non native seed description:

Seedling transplant description:

Will seedlings be transplanted for this project? N

Seedling transplant description

Will seed be harvested for use in site reclamation? N

Seed harvest description:

Seed harvest description attachment:

Seed

Seed Table

Seed Summary

Total pounds/Acre:

Seed Type	Pounds/Acre

Seed reclamation

Operator Contact/Responsible Official

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 395300

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 395300
	Action Type: [C-101] BLM - Federal/Indian Land Lease (Form 3160-3)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Notify OCD 24 hours prior to casing & cement	10/27/2024
ward.rikala	Will require a File As Drilled C-102 and a Directional Survey with the C-104	10/27/2024
ward.rikala	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string	10/27/2024
ward.rikala	Cement is required to circulate on both surface and intermediate1 strings of casing	10/27/2024
ward.rikala	If cement does not circulate on any string, a CBL is required for that string of casing	10/27/2024
ward.rikala	Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system	10/27/2024