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.: NMNM05912

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 13-1 PC 507H

2. Name of Operator: XTO PERMIAN OPERATING LLC

9. API Well No.: 30-015-56753

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: PIERCE CROSSING/BONE SPRING, EA

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

At surface: SENE / 2270 FNL / 995 FEL / LAT 32.218561 / LONG -103.932718

At proposed prod. zone: SESE / 50 FSL / 839 FEL / LAT 32.195775 / LONG -103.932187

11. Sec., T. R. M. or Blk. and Survey or Area: SEC 13/T24S/R29E/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): 995 feet

16. No of acres in lease:

17. Spacing Unit dedicated to this well: 560.0

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

19. Proposed Depth: 8279 feet / 17289 feet

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

21. Elevations (Show whether DF, KDB, RT, GL, etc.): 3112 feet

22. Approximate date work will start*: 06/12/2025

23. Estimated duration: 30 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	Name *(Printed/Typed)*	Date
(Electronic Submission)	ADRIAN BAKER / Ph: (432) 682-8873	06/21/2024

Title: Regulatory Analyst

Approved by *(Signature)*	Name *(Printed/Typed)*	Date
(Electronic Submission)	CODY LAYTON / Ph: (575) 234-5959	04/28/2025

Title	Office
Assistant Field Manager Lands & Minerals	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: 04/28/2025

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)

Approval Date: 04/28/2025

Additional Operator Remarks

Location of Well

0. SHL: SENE / 2270 FNL / 995 FEL / TWSP: 24S / RANGE: 29E / SECTION: 13 / LAT: 32.218561 / LONG: -103.932718 (TVD: 0 feet, MD: 0 feet)

PPP: SENE / 2059 FNL / 839 FEL / TWSP: 24S / RANGE: 29E / SECTION: 13 / LAT: 32.219139 / LONG: -103.932212 (TVD: 8279 feet, MD: 8800 feet)

BHL: SESE / 50 FSL / 839 FEL / TWSP: 24S / RANGE: 29E / SECTION: 24 / LAT: 32.195775 / LONG: -103.932187 (TVD: 8279 feet, MD: 17289 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.

AFMSS

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

Application for Permit to Drill

APD Package Report

Date Printed: 04/29/2025 08:55 AM

APD ID:	10400099113	Well Status:	AAPD
APD Received Date:	06/21/2024 01:11 PM	Well Name:	POKER LAKE UNIT 13-1 PC
Operator:	XTO PERMIAN OPERATING LLC	Well Number:	507H

APD Package Report Contents

- Form 3160-3 : Error Generating Form

- 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: 1 file(s)
  -- Casing Design Assumptions and Worksheet(s): 1 file(s)
  -- Hydrogen sulfide drilling operations plan: 1 file(s)
  -- Proposed horizontal/directional/multi-lateral plan submission: 2 file(s)
  -- Other Facets: 5 file(s)
  -- Other Variances: 4 file(s)

- SUPO Report
- SUPO Attachments
  -- Existing Road Map: 1 file(s)
  -- Attach Well map: 1 file(s)
  -- Production Facilities map: 1 file(s)
  -- Water source and transportation map: 1 file(s)
  -- Well Site Layout Diagram: 2 file(s)
  -- Recontouring attachment: 2 file(s)
  -- Other SUPO Attachment: 1 file(s)

- PWD Report
- PWD Attachments
  -- None

- Bond Report
- Bond Attachments
  -- None

AFMSS

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

Operator Certification Data Report

04/29/2025

Operator

I hereby certify that I, or someone under my direct supervision, have inspected the drill site and access route proposed herein; that I am familiar with the conditions which currently exist; that I have full knowledge of state and Federal laws applicable to this operation; that the statements made in this APD package are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed in conformity with this APD package and the terms and conditions under which it is approved. I also certify that I, or the company I represent, am responsible for the operations conducted under this application. These statements are subject to the provisions of 18 U.S.C. 1001 for the filing of false statements.

NAME: VISHAL RAJAN **Signed on:** 06/21/2024

Title: Regulatory Clerk

Street Address: 6401 HOLIDAY HILL ROAD BLDG 5

City: MIDLAND **State:** TX **Zip:** 79707

Phone: (432)620-6704

Email address: VISHAL.RAJAN@EXXONMOBIL.COM

Field

Representative Name: Adrian Baker

Street Address: 22777 Springwoods Village Pkwy

City: Spring **State:** TX **Zip:** 77389

Phone: (432)236-3808

Email address: adrian.baker@exxonmobil.com

AFMSS

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

Application Data
04/29/2025

APD ID: 10400099113 **Submission Date:** 06/21/2024

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 13-1 PC **Well Number:** 507H

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

Highlighted data reflects the most recent changes
Show Final Text

Section 1 - General

APD ID: 10400099113 **Tie to previous NOS?** N **Submission Date:** 06/21/2024

BLM Office: Carlsbad **User:** VISHAL RAJAN **Title:** Regulatory Clerk

Federal/Indian APD: FED **Is the first lease penetrated for production Federal or Indian?** FED

Lease number: NMNM05912 **Lease Acres:**

Surface access agreement in place? **Allotted?** **Reservation:**

Agreement in place? YES **Federal or Indian agreement:** FEDERAL

Agreement number: NMNM71016X

Agreement name: POKER LAKE UNIT

Keep application confidential? Y

Permitting Agent? NO **APD Operator:** XTO PERMIAN OPERATING LLC

Operator letter of

Operator Info

Operator Organization Name: XTO PERMIAN OPERATING LLC

Operator Address: 6401 HOLIDAY HILL ROAD BLDG 5 **Zip:** 79707

Operator PO Box:

Operator City: MIDLAND **State:** TX

Operator Phone: (432)683-2277

Operator Internet Address:

Section 2 - Well Information

Well in Master Development Plan? NO **Master Development Plan name:**

Well in Master SUPO? NO **Master SUPO name:**

Well in Master Drilling Plan? NO **Master Drilling Plan name:**

Well Name: POKER LAKE UNIT 13-1 PC **Well Number:** 507H **Well API Number:**

Field/Pool or Exploratory? Field and Pool **Field Name:** PIERCE CROSSING **Pool Name:** BONE SPRING, EAST

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 13-1 PC **Well Number:** 507H

Is the proposed well in an area containing other mineral resources? USEABLE WATER,NATURAL GAS,OIL

Is the proposed well in a Helium production area? N **Use Existing Well Pad?** Y **New surface disturbance?** N

Type of Well Pad: MULTIPLE WELL **Multiple Well Pad Name:** POKER LAKE UNIT 13-1 PC **Number:** C

Well Class: HORIZONTAL **Number of Legs:** 1

Well Work Type: Drill

Well Type: OIL WELL

Describe Well Type:

Well sub-Type: INFILL

Describe sub-type:

Distance to town: **Distance to nearest well:** 30 FT **Distance to lease line:** 995 FT

Reservoir well spacing assigned acres Measurement: 560 Acres

Well plat: 2024030169_XTO_POKER_LAKE_UNIT_13_1_PC_507H___C_102_FINAL_4_30_2024___R1_20250204083503.pdf

Well work start Date: 06/12/2025 **Duration:** 30 DAYS

Section 3 - Well Location Table

Survey Type: RECTANGULAR

Describe Survey Type:

Datum: NAD83 **Vertical Datum:** NAVD88

Survey number: **Reference Datum:** GROUND LEVEL

Wellbore	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD	Will this well produce from this
SHL Leg #1	2270	FNL	995	FEL	24S	29E	13	Aliquot SENE	32.218561	-103.932718	EDDY	NEW MEXICO	NEW MEXICO	F	NMNM 05912	3112	0	0	Y
KOP Leg #1	2270	FNL	995	FEL	24S	29E	13	Aliquot SENE	32.218561	-103.932718	EDDY	NEW MEXICO	NEW MEXICO	F	NMNM 05912	-4486	7700	7598	Y
PPP Leg #1-1	2059	FNL	839	FEL	24S	29E	13	Aliquot SENE	32.219139	-103.932212	EDDY	NEW MEXICO	NEW MEXICO	F	NMNM 05912	-5167	8800	8279	Y

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 13-1 PC **Well Number:** 507H

Wellbore	NS-Foot	NS Indicator	EW-Foot	EW Indicator	Twsp	Range	Section	Aliquot/Lot/Tract	Latitude	Longitude	County	State	Meridian	Lease Type	Lease Number	Elevation	MD	TVD	Will this well produce from this
EXIT Leg #1	100	FSL	839	FEL	24S	29E	24	Aliquot SESE	32.195913	-103.932187	EDDY	NEW MEXICO	NEW MEXICO	F	NMLC069005	-5167	17239	8279	Y
BHL Leg #1	50	FSL	839	FEL	24S	29E	24	Aliquot SESE	32.195775	-103.932187	EDDY	NEW MEXICO	NEW MEXICO	F	NMLC069005	-5167	17289	8279	Y

C-102	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	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- 56753	96473	PIERCE CROSSING; BONE SPRING, EAST

Property Code	Property Name	Well Number
333843	POKER LAKE UNIT 13-1 PC	507H

ORGID No.	Operator Name	Ground Level Elevation
373075	XTO PERMIAN OPERATING, LLC.	3,112'

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
H	13	24 S	29 E		2,270' FNL	995' FEL	32.218561	-103.932718	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	24	24 S	29 E		50' FSL	839' FEL	32.195775	-103.932187	EDDY

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
560	INFILL		Y	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
H	13	24 S	29 E		2,270' FNL	995' FEL	32.218561	-103.932718	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
H	13	24 S	29 E		2,059' FNL	839' FEL	32.219139	-103.932212	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
P	24	24 S	29 E		100' FSL	839' FEL	32.195913	-103.932187	EDDY

Unitized Area or Area of Uniform Interest	Spacing Unit Type	Ground Floor Elevation:
NMNM105422429	☒ Horizontal ☐ Vertical	3,112'

OPERATOR CERTIFICATIONS

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

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 form the division.

Samantha Weis 4/28/2025

Signature Date

Samantha Weis

Printed Name

samantha.r.bartnik@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.

I, TIM C. PAPPAS, NEW MEXICO PROFESSIONAL SURVEYOR NO. 21209, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

14 April 2025

TIM C. PAPPAS
REGISTERED PROFESSIONAL LAND SURVEYOR
STATE OF NEW MEXICO NO. 21209

TIM C. PAPPAS NEW MEXICO 21209 PROFESSIONAL SURVEYOR

Signature and Seal of Professional Surveyor

Certificate Number	Date of Survey
TIM C. PAPPAS 21209	4/10/2025

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.

FSC INC SURVEYORS+ENGINEERS
2205 Walnut Street - Columbus, TX 78934
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPLS Firm 10000100
www.fscinc.net

DATE:	4-10-2025	PROJECT NO:	2024030169
DRAWN BY:	LM	SCALE:	
CHECKED BY:	CH	SHEET:	1 OF 2
FIELD CREW:	IR	REVISION:	

ACREAGE DEDICATION PLATS

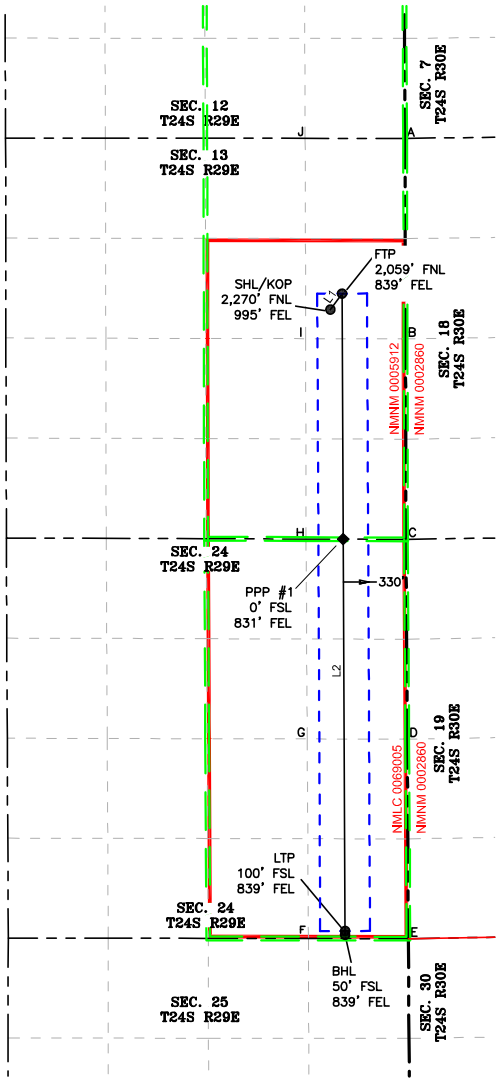
This grid represents a standard section. You may superimpose a non-standard section, or a larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is directionally drilled, with the dimensions from the 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 the 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.

LEGEND

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

LINE TABLE		
LINE	AZIMUTH	LENGTH
L1	36° 27'16"	261.89'
L2	179° 44'04"	8,499.30'



COORDINATE TABLE					
SHL/KOP (NAD 83 NME)			LTP (NAD 83 NME)		
Y =	443,477.4	N	Y =	435,238.8	N
X =	665,228.5	E	X =	665,423.3	E
LAT. =	32.218561	°N	LAT. =	32.195913	°N
LONG. =	103.932718	°W	LONG. =	103.932187	°W
FTP (NAD 83 NME)			BHL (NAD 83 NME)		
Y =	443,688.0	N	Y =	435,188.8	N
X =	665,384.1	E	X =	665,423.6	E
LAT. =	32.219139	°N	LAT. =	32.195775	°N
LONG. =	103.932212	°W	LONG. =	103.932187	°W
SHL/KOP (NAD 27 NME)			LTP (NAD 27 NME)		
Y =	443,418.0	N	Y =	435,179.6	N
X =	624,045.0	E	X =	624,239.5	E
LAT. =	32.218437	°N	LAT. =	32.195788	°N
LONG. =	103.932229	°W	LONG. =	103.931699	°W
FTP (NAD 27 NME)			BHL (NAD 27 NME)		
Y =	443,628.6	N	Y =	435,129.6	N
X =	624,200.6	E	X =	624,239.8	E
LAT. =	32.219014	°N	LAT. =	32.195651	°N
LONG. =	103.931723	°W	LONG. =	103.931699	°W
PPP #1 (NAD 83 NME)			PPP #1 (NAD 27 NME)		
Y =	440,432.9	N	Y =	440,373.6	N
X =	665,399.2	E	X =	624,215.6	E
LAT. =	32.210191	°N	LAT. =	32.210066	°N
LONG. =	103.932202	°W	LONG. =	103.931714	°W

CORNER COORDINATES (NAD83 NME)					
A - Y =	445,746.5	N	A - X =	666,218.3	E
B - Y =	443,088.1	N	B - X =	666,224.6	E
C - Y =	440,429.8	N	C - X =	666,230.7	E
D - Y =	437,782.5	N	D - X =	666,247.3	E
E - Y =	435,137.6	N	E - X =	666,262.9	E
F - Y =	435,139.5	N	F - X =	664,936.2	E
G - Y =	437,785.4	N	G - X =	664,921.5	E
H - Y =	440,434.7	N	H - X =	664,906.3	E
I - Y =	443,091.0	N	I - X =	664,900.3	E
J - Y =	445,747.4	N	J - X =	664,894.3	E
CORNER COORDINATES (NAD27 NME)					
A - Y =	445,687.1	N	A - X =	625,034.9	E
B - Y =	443,028.8	N	B - X =	625,041.0	E
C - Y =	440,370.5	N	C - X =	625,047.1	E
D - Y =	437,723.3	N	D - X =	625,063.6	E
E - Y =	435,078.4	N	E - X =	625,079.1	E
F - Y =	435,080.4	N	F - X =	623,752.4	E
G - Y =	437,726.2	N	G - X =	623,737.8	E
H - Y =	440,375.4	N	H - X =	623,722.7	E
I - Y =	443,031.7	N	I - X =	623,716.8	E
J - Y =	445,687.9	N	J - X =	623,710.9	E

FSC INC SURVEYORS+ENGINEERS
2205 Walnut Street - Columbus, TX 78934
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPLS Firm 10193887
www.fscinc.net

DATE:	4-10-2025	PROJECT NO:	2024030169
DRAWN BY:	LM	SCALE:	1" = 2,000'
CHECKED BY:	CH	SHEET:	2 OF 2
FIELD CREW:	IR	REVISION:	

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

Drilling Plan Data Report
04/29/2025

APD ID: 10400099113
Submission Date: 06/21/2024
Operator Name: XTO PERMIAN OPERATING LLC
Well Name: POKER LAKE UNIT 13-1 PC
Well Number: 507H
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
15510992	QUATERNARY	3112	0	0	ALLUVIUM	USEABLE WATER	N
15510993	RUSTLER	2594	518	518	ANHYDRITE, SANDSTONE	USEABLE WATER	N
15510994	SALADO	2363	749	749	SALT	NONE	N
15510995	BASE OF SALT	-44	3156	3156	SALT	NONE	N
15510996	DELAWARE	-247	3359	3359	LIMESTONE, SANDSTONE	NATURAL GAS, OIL, OTHER : Produced Water	N
15510997	BRUSHY CANYON	-2691	5803	5803	SANDSTONE	NATURAL GAS, OIL, OTHER : Produced Water	N
15510998	BONE SPRING	-3997	7109	7109	LIMESTONE, SANDSTONE	NATURAL GAS, OIL, OTHER : Produced Water	Y
15510999	BONE SPRING 1ST	-4837	7949	7949	LIMESTONE, SANDSTONE	NATURAL GAS, OIL, OTHER : Produced Water	Y
15511000	BONE SPRING 1ST	-4987	8099	8099	LIMESTONE, SANDSTONE	NATURAL GAS, OIL, OTHER : Produced Water	Y

Section 2 - Blowout Prevention

Pressure Rating (PSI): 5M
Rating Depth: 8279

Equipment: Once the permanent WH is installed on the surface casing, the blow out preventer equipment (BOP) will consist of a 5M Hydril Annular and a 10M Triple Ram BOP. XTO will use a 3 String Multi-Bowl system which is attached.

Requesting Variance? YES

Variance request: A variance is requested to allow use of a flex hose. See attached. XTO requests a variance to be able to batch drill this well if necessary. XTO requests a break test variance. See attached. XTO requests a variance to utilize a spudder rig. See attached.
Testing Procedure: All BOP testing will be done by an independent service company. Operator will test as per 43 CFR 3172.
Choke Diagram Attachment:

10MCM_20250212082826.pdf

BOP Diagram Attachment:

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 13-1 PC **Well Number:** 507H

10MCM_20250212082826.pdf

5M10M_BOP_20250212082855.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	618	0	618	3112	2494	618	J-55	40	BUTT	10.19	2.13	DRY	25.49	DRY	25.49
2	INTERMEDIATE	8.75	7.625	NEW	API	Y	0	7465	0	7363	3113	-4251	7465	L-80	29.7	FJ	3.07	3.03	DRY	3.95	DRY	3.95
3	PRODUCTION	6.75	5.5	NEW	NON API	Y	0	17289	0	8279	3113	-5167	17289	P-110	20	OTHER - Freedom HTQ/Talon HTQ	2.71	1.26	DRY	2.72	DRY	2.72

Casing Attachments

Casing ID: 1 **String** SURFACE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 13-1 PC **Well Number:** 507H

Casing Attachments

Casing ID: 2 **String** INTERMEDIATE

Inspection Document:

Spec Document:

Tapered String Spec:

Casing Design Assumptions and Worksheet(s):

Casing ID: 3 **String** PRODUCTION

Inspection Document:

Spec Document:

Freedom_semi_premium_5.5_production_casing_20241216143125.pdf

Talon_semiflush_5.5_production_casing_20241216143125.pdf

Tapered String Spec:

PC_13_1_507H_Csg_20250218093544.pdf

Casing Design Assumptions and Worksheet(s):

PC_13_1_507H_Csg_20250218093552.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	618	100	1.87	10.5	187	100	EconoCem-HLTRRC	NA
SURFACE	Tail		0	618	130	1.35	14.8	175.5	100	Class C	2% CaCl
INTERMEDIATE	Lead		0	5803	460	1.35	14.8	621	100	Class C	NA
INTERMEDIATE	Tail		5803	7465	650	1.33	14.8	864.5	100	Class C	n/a

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 13-1 PC **Well Number:** 507H

String Type	Lead/Tail	Stage Tool Depth	Top MD	Bottom MD	Quantity(sx)	Yield	Density	Cu Ft	Excess%	Cement type	Additives
PRODUCTION	Lead		7165	7665	20	2.69	11.5	53.8	30	NeoCem	NA
PRODUCTION	Tail		7665	17289	690	1.51	13.2	1041.9	30	VersaCem	n/a

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 43 CFR 3172:

Diagram of the equipment for the circulating system in accordance with 43 CFR 3172:

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
0	618	WATER-BASED MUD	8.4	8.9							
618	7465	OTHER : Fully sat brine for salt interval / BDE	9	9.5							
7465	17289	OIL-BASED MUD	9.5	10							

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 13-1 PC **Well Number:** 507H

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

Coring operation description for the well:

No coring operations are planned for the well.

Section 7 - Pressure

Anticipated Bottom Hole Pressure: 4305 **Anticipated Surface Pressure:** 2483

Anticipated Bottom Hole Temperature(F): 170

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_20240611150020.pdf

Section 8 - Other Information

Proposed horizontal/directional/multi-lateral plan submission:

PC_13_1_507H_DD_20240617141139.pdf

Poker_Lake_Unit_13_1_Pierce_Canyon_507H__20250219145441.pdf

Other proposed operations facets description:

Other proposed operations facets attachment:

PC_13_H2S_PadB_20240617110447.pdf

PC_13_H2S_PadC_20240617110447.pdf

PC_13_MBS_20240611150931.pdf

PC_13_1_507H_Cmt_20240617141148.pdf

NGMPForm_PLU_13_Pierce_Canyon_BS_20241223114655.pdf

Other Variance attachment:

Spudder_Rig_Request_20241216145703.pdf

PLU_13_1_PC_OLCV_20241216145706.pdf

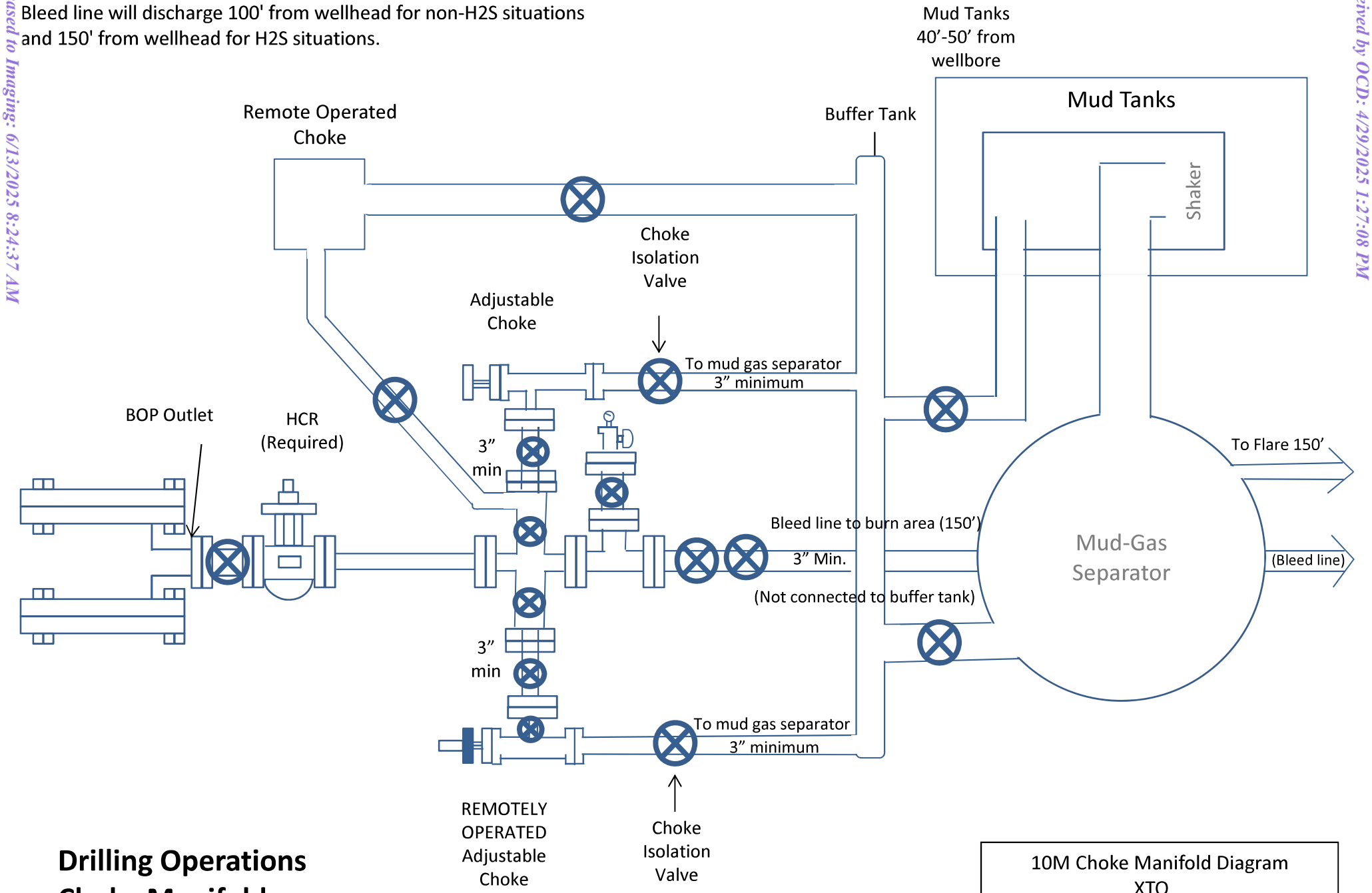
PLU_13_1_PC_Flex_Hose_Updated_20241216145707.pdf

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 13-1 PC **Well Number:** 507H

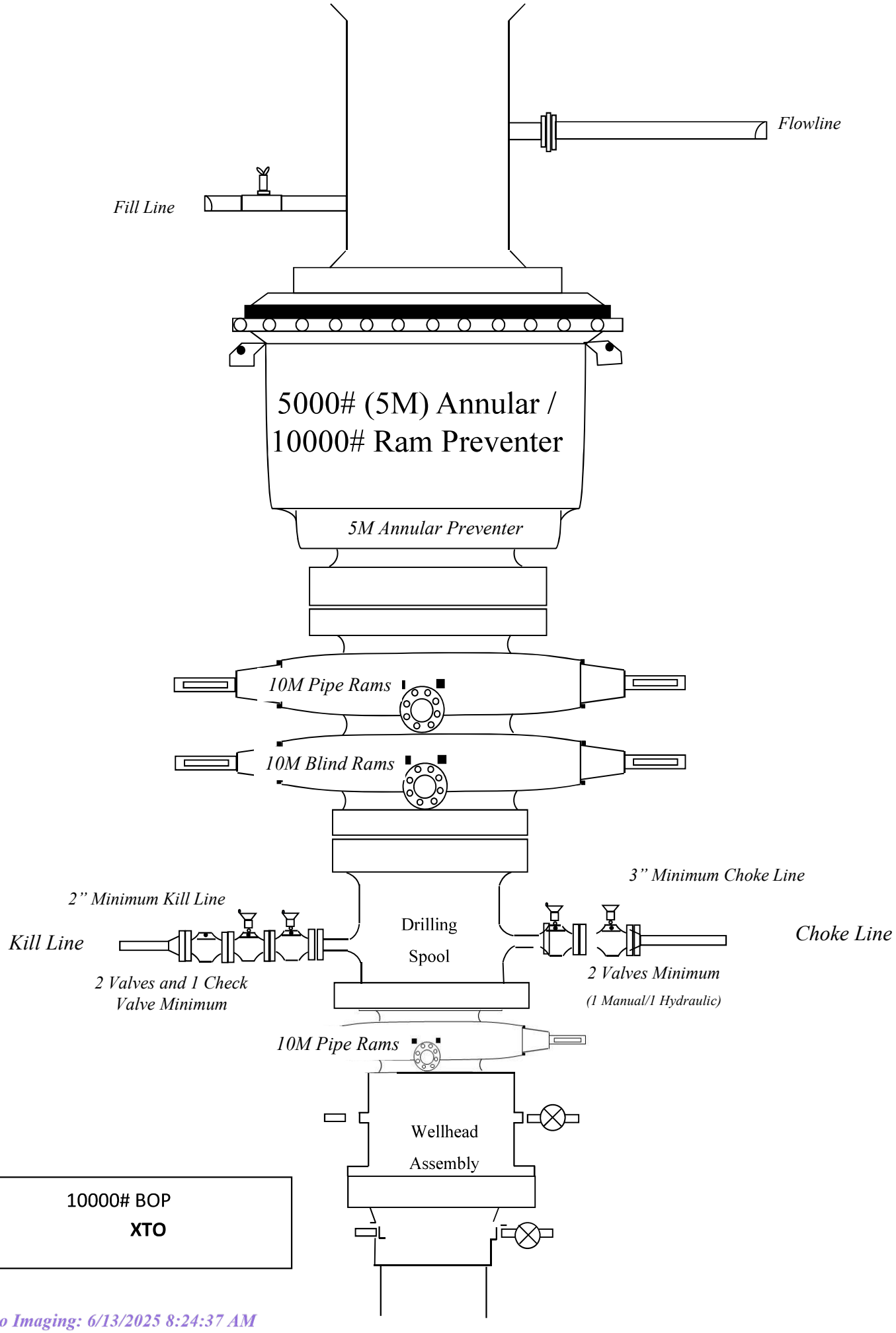
BOP_Break_Test_Variance_20241216145713.pdf

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



Drilling Operations
Choke Manifold
10M Service

10M Choke Manifold Diagram
XTO



10000# BOP

XTO

U. S. Steel Tubular Products

11/29/2021 4:16:04 PM

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

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

Notes

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

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

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

U. S. Steel Tubular Products

11/8/2023 1:08:50 PM

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

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

Notes

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

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Spring, Texas 77380

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

Casing Assumptions

Casing Design

Hole Size	Depth	OD Csg	Weight	Grade	Collar	New/Used	SF Burst	SF Collapse	SF Tension
12.25	0' – 618'	9.625	40	J-55	BTC	New	2.13	10.19	25.49
8.75	0' – 4000'	7.625	29.7	RY P-110	Flush Joint	New	4.17	2.86	2.52
8.75	4000' – 7464.75'	7.625	29.7	HC L-80	Flush Joint	New	3.03	3.07	3.95
6.75	0' – 7364.75'	5.5	20	RY P-110	Semi-premium/ Freedom HTQ	New	1.26	3.05	2.72
6.75	7364.75' - 17288.84'	5.5	20	RY P-110	Semi-flush/ Talon HTQ	New	1.26	2.71	2.72

Casing Assumptions

Casing Design

Hole Size	Depth	OD Csg	Weight	Grade	Collar	New/Used	SF Burst	SF Collapse	SF Tension
12.25	0' – 618'	9.625	40	J-55	BTC	New	2.13	10.19	25.49
8.75	0' – 4000'	7.625	29.7	RY P-110	Flush Joint	New	4.17	2.86	2.52
8.75	4000' – 7464.75'	7.625	29.7	HC L-80	Flush Joint	New	3.03	3.07	3.95
6.75	0' – 7364.75'	5.5	20	RY P-110	Semi-premium/ Freedom HTQ	New	1.26	3.05	2.72
6.75	7364.75' - 17288.84'	5.5	20	RY P-110	Semi-flush/ Talon HTQ	New	1.26	2.71	2.72

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:

Christopher Cha, Drilling Manager	432-701-1730
Matt Water, Drilling Superintendent	432-967-8203
Robert Bartels, Construction Foreman	406-478-3617
Andy Owens, EH & S Manager	903-245-2602
Mike Allen, Production Foreman	918-421-9056

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	505-629-6116

For Eddy County:

Bureau of Land Management - Carlsbad	575-234-5972
New Mexico Oil Conservation Division - Artesia	505-629-6116

Well Plan Report - PLU Unit 13-1 PC 507H

Measured Depth:	17288.84 ft	**Site:**	A
TVD RKB:	8279.00 ft	**Slot:**	PLU Unit 13-1 PC 507H
Location			
Cartographic Reference System:	New Mexico East - NAD 27		
Northing:	443418.00 ft		
Easting:	624045.00 ft		
RKB:	3144.00 ft		
Ground Level:	3112.00 ft		
North Reference:	Grid		
Convergence Angle:	0.21 Deg		

Plan Sections PLU Unit 13-1 PC 507H

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	
1753.87	13.08	9.33	1748.21	73.31	12.05	2.00	0.00	2.00	
5248.08	13.08	9.33	5151.79	853.48	140.25	0.00	0.00	0.00	
5901.95	0.00	0.00	5800.00	926.79	152.30	-2.00	0.00	2.00	
7664.75	0.00	0.00	7562.80	926.79	152.30	0.00	0.00	0.00	
8789.75	90.00	179.74	8279.00	210.60	155.60	8.00	0.00	8.00	FTP 1
17238.84	90.00	179.74	8279.00	-8238.40	194.50	0.00	0.00	0.00	LTP 1
17288.84	90.00	179.74	8279.00	-8288.40	194.73	0.00	0.00	0.00	BHL 1

Position Uncertainty PLU Unit 13-1 PC 507H

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

Depth (ft)	Inclination (°)	Azimuth (°)	RKB (ft)	Error (ft)	Bias (ft)	Error (ft)	Bias (ft)	Error (ft)	Bias (ft)	of Bias (ft)	Error (ft)	Error (ft)	Azimuth (°)	Used
0.000	0.000	0.000	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	2.309	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	2.325	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	2.346	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	2.372	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	2.404	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	2.441	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	2.482	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	2.527	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	2.576	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	2.629	0.000	0.000	3.943	3.764	90.000	XOM_R2OWSG MWD+IFR1+MS
1200.000	2.000	9.332	1199.980	4.295	0.000	4.126	0.000	2.684	0.000	0.000	4.302	4.121	90.019	XOM_R2OWSG MWD+IFR1+MS
1300.000	4.000	9.332	1299.838	4.647	0.000	4.482	0.000	2.741	0.000	0.000	4.661	4.477	90.098	XOM_R2OWSG MWD+IFR1+MS
1400.000	6.000	9.332	1399.452	4.993	0.000	4.836	0.000	2.798	0.000	0.000	5.021	4.831	90.168	XOM_R2OWSG MWD+IFR1+MS
1500.000	8.000	9.332	1498.702	5.335	0.000	5.190	0.000	2.857	0.000	0.000	5.381	5.185	90.196	XOM_R2OWSG MWD+IFR1+MS
1600.000	10.000	9.332	1597.465	5.671	0.000	5.544	0.000	2.918	0.000	0.000	5.741	5.539	90.155	XOM_R2OWSG MWD+IFR1+MS
1700.000	12.000	9.332	1695.623	6.004	0.000	5.900	0.000	2.980	0.000	0.000	6.101	5.894	90.019	XOM_R2OWSG MWD+IFR1+MS
1753.871	13.077	9.332	1748.209	6.181	0.000	6.091	0.000	3.013	0.000	0.000	6.297	6.086	89.982	XOM_R2OWSG MWD+IFR1+MS

1800.000	13.077	9.332	1793.141	6.349	0.000	6.256	0.000	3.046	0.000	0.000	6.462	6.250	89.825	XOM_R2OWSG MWD+IFR1+MS
1900.000	13.077	9.332	1890.548	6.716	0.000	6.617	0.000	3.128	0.000	0.000	6.820	6.611	89.264	XOM_R2OWSG MWD+IFR1+MS
2000.000	13.077	9.332	1987.954	7.086	0.000	6.981	0.000	3.214	0.000	0.000	7.180	6.974	88.690	XOM_R2OWSG MWD+IFR1+MS
2100.000	13.077	9.332	2085.361	7.458	0.000	7.347	0.000	3.304	0.000	0.000	7.543	7.340	88.103	XOM_R2OWSG MWD+IFR1+MS
2200.000	13.077	9.332	2182.767	7.832	0.000	7.716	0.000	3.397	0.000	0.000	7.907	7.707	87.502	XOM_R2OWSG MWD+IFR1+MS
2300.000	13.077	9.332	2280.174	8.208	0.000	8.086	0.000	3.493	0.000	0.000	8.274	8.077	86.885	XOM_R2OWSG MWD+IFR1+MS
2400.000	13.077	9.332	2377.580	8.585	0.000	8.458	0.000	3.591	0.000	0.000	8.642	8.448	86.253	XOM_R2OWSG MWD+IFR1+MS
2500.000	13.077	9.332	2474.987	8.964	0.000	8.831	0.000	3.693	0.000	0.000	9.011	8.820	85.604	XOM_R2OWSG MWD+IFR1+MS
2600.000	13.077	9.332	2572.393	9.344	0.000	9.205	0.000	3.797	0.000	0.000	9.382	9.194	84.938	XOM_R2OWSG MWD+IFR1+MS
2700.000	13.077	9.332	2669.800	9.725	0.000	9.581	0.000	3.903	0.000	0.000	9.754	9.568	84.254	XOM_R2OWSG MWD+IFR1+MS
2800.000	13.077	9.332	2767.206	10.106	0.000	9.957	0.000	4.011	0.000	0.000	10.127	9.944	83.554	XOM_R2OWSG MWD+IFR1+MS
2900.000	13.077	9.332	2864.613	10.489	0.000	10.335	0.000	4.122	0.000	0.000	10.500	10.320	82.836	XOM_R2OWSG MWD+IFR1+MS
3000.000	13.077	9.332	2962.019	10.872	0.000	10.713	0.000	4.235	0.000	0.000	10.875	10.697	82.100	XOM_R2OWSG MWD+IFR1+MS
3100.000	13.077	9.332	3059.426	11.256	0.000	11.091	0.000	4.349	0.000	0.000	11.250	11.075	81.347	XOM_R2OWSG MWD+IFR1+MS
3200.000	13.077	9.332	3156.832	11.641	0.000	11.471	0.000	4.466	0.000	0.000	11.626	11.453	80.577	XOM_R2OWSG MWD+IFR1+MS
3300.000	13.077	9.332	3254.239	12.026	0.000	11.851	0.000	4.584	0.000	0.000	12.003	11.831	79.790	XOM_R2OWSG MWD+IFR1+MS
3400.000	13.077	9.332	3351.645	12.412	0.000	12.231	0.000	4.704	0.000	0.000	12.380	12.210	78.988	XOM_R2OWSG MWD+IFR1+MS
3500.000	13.077	9.332	3449.052	12.798	0.000	12.612	0.000	4.826	0.000	0.000	12.758	12.590	78.171	XOM_R2OWSG MWD+IFR1+MS
3600.000	13.077	9.332	3546.458	13.184	0.000	12.993	0.000	4.949	0.000	0.000	13.136	12.970	77.340	XOM_R2OWSG MWD+IFR1+MS
3700.000	13.077	9.332	3643.865	13.571	0.000	13.375	0.000	5.075	0.000	0.000	13.514	13.350	76.496	XOM_R2OWSG MWD+IFR1+MS

3800.000	13.077	9.332	3741.272	13.958	0.000	13.757	0.000	5.201	0.000	0.000	13.894	13.730	75.640	XOM_R2OWSG MWD+IFR1+MS
3900.000	13.077	9.332	3838.678	14.346	0.000	14.139	0.000	5.330	0.000	0.000	14.273	14.111	74.774	XOM_R2OWSG MWD+IFR1+MS
4000.000	13.077	9.332	3936.085	14.733	0.000	14.522	0.000	5.460	0.000	0.000	14.653	14.492	73.899	XOM_R2OWSG MWD+IFR1+MS
4100.000	13.077	9.332	4033.491	15.121	0.000	14.905	0.000	5.592	0.000	0.000	15.033	14.873	73.018	XOM_R2OWSG MWD+IFR1+MS
4200.000	13.077	9.332	4130.898	15.509	0.000	15.288	0.000	5.725	0.000	0.000	15.414	15.254	72.131	XOM_R2OWSG MWD+IFR1+MS
4300.000	13.077	9.332	4228.304	15.898	0.000	15.671	0.000	5.860	0.000	0.000	15.795	15.636	71.241	XOM_R2OWSG MWD+IFR1+MS
4400.000	13.077	9.332	4325.711	16.287	0.000	16.055	0.000	5.997	0.000	0.000	16.176	16.018	70.350	XOM_R2OWSG MWD+IFR1+MS
4500.000	13.077	9.332	4423.117	16.675	0.000	16.439	0.000	6.135	0.000	0.000	16.557	16.399	69.460	XOM_R2OWSG MWD+IFR1+MS
4600.000	13.077	9.332	4520.524	17.065	0.000	16.823	0.000	6.275	0.000	0.000	16.939	16.781	68.572	XOM_R2OWSG MWD+IFR1+MS
4700.000	13.077	9.332	4617.930	17.454	0.000	17.207	0.000	6.416	0.000	0.000	17.321	17.163	67.688	XOM_R2OWSG MWD+IFR1+MS
4800.000	13.077	9.332	4715.337	17.843	0.000	17.591	0.000	6.559	0.000	0.000	17.703	17.545	66.812	XOM_R2OWSG MWD+IFR1+MS
4900.000	13.077	9.332	4812.743	18.233	0.000	17.976	0.000	6.704	0.000	0.000	18.086	17.927	65.943	XOM_R2OWSG MWD+IFR1+MS
5000.000	13.077	9.332	4910.150	18.622	0.000	18.360	0.000	6.850	0.000	0.000	18.469	18.310	65.085	XOM_R2OWSG MWD+IFR1+MS
5100.000	13.077	9.332	5007.556	19.012	0.000	18.745	0.000	6.999	0.000	0.000	18.852	18.692	64.238	XOM_R2OWSG MWD+IFR1+MS
5200.000	13.077	9.332	5104.963	19.402	0.000	19.130	0.000	7.148	0.000	0.000	19.235	19.074	63.405	XOM_R2OWSG MWD+IFR1+MS
5248.075	13.077	9.332	5151.791	19.590	0.000	19.315	0.000	7.221	0.000	0.000	19.419	19.258	63.038	XOM_R2OWSG MWD+IFR1+MS
5300.000	12.039	9.332	5202.473	19.806	0.000	19.514	0.000	7.301	0.000	0.000	19.617	19.456	62.623	XOM_R2OWSG MWD+IFR1+MS
5400.000	10.039	9.332	5300.618	20.202	0.000	19.891	0.000	7.451	0.000	0.000	19.994	19.832	62.089	XOM_R2OWSG MWD+IFR1+MS
5500.000	8.039	9.332	5399.371	20.567	0.000	20.262	0.000	7.598	0.000	0.000	20.365	20.201	61.944	XOM_R2OWSG MWD+IFR1+MS
5600.000	6.039	9.332	5498.612	20.903	0.000	20.624	0.000	7.740	0.000	0.000	20.729	20.563	62.147	XOM_R2OWSG MWD+IFR1+MS

5700.000	4.039	9.332	5598.221	21.207	0.000	20.978	0.000	7.877	0.000	0.000	21.086	20.918	62.588	XOM_R2OWSG MWD+IFR1+MS
5800.000	2.039	9.332	5698.075	21.479	0.000	21.324	0.000	8.009	0.000	0.000	21.434	21.265	63.163	XOM_R2OWSG MWD+IFR1+MS
5901.947	0.000	0.000	5800.000	21.748	0.000	21.644	0.000	8.141	0.000	0.000	21.781	21.610	63.731	XOM_R2OWSG MWD+IFR1+MS
6000.000	0.000	0.000	5898.053	22.078	0.000	21.971	0.000	8.266	0.000	0.000	22.111	21.938	64.202	XOM_R2OWSG MWD+IFR1+MS
6100.000	0.000	0.000	5998.053	22.416	0.000	22.305	0.000	8.397	0.000	0.000	22.448	22.273	64.656	XOM_R2OWSG MWD+IFR1+MS
6200.000	0.000	0.000	6098.053	22.755	0.000	22.641	0.000	8.530	0.000	0.000	22.786	22.609	65.087	XOM_R2OWSG MWD+IFR1+MS
6300.000	0.000	0.000	6198.053	23.094	0.000	22.977	0.000	8.666	0.000	0.000	23.125	22.946	65.495	XOM_R2OWSG MWD+IFR1+MS
6400.000	0.000	0.000	6298.053	23.434	0.000	23.313	0.000	8.804	0.000	0.000	23.464	23.283	65.882	XOM_R2OWSG MWD+IFR1+MS
6500.000	0.000	0.000	6398.053	23.774	0.000	23.651	0.000	8.945	0.000	0.000	23.804	23.621	66.249	XOM_R2OWSG MWD+IFR1+MS
6600.000	0.000	0.000	6498.053	24.115	0.000	23.988	0.000	9.089	0.000	0.000	24.144	23.959	66.599	XOM_R2OWSG MWD+IFR1+MS
6700.000	0.000	0.000	6598.053	24.457	0.000	24.327	0.000	9.235	0.000	0.000	24.485	24.298	66.932	XOM_R2OWSG MWD+IFR1+MS
6800.000	0.000	0.000	6698.053	24.799	0.000	24.666	0.000	9.384	0.000	0.000	24.827	24.638	67.249	XOM_R2OWSG MWD+IFR1+MS
6900.000	0.000	0.000	6798.053	25.141	0.000	25.005	0.000	9.536	0.000	0.000	25.169	24.978	67.551	XOM_R2OWSG MWD+IFR1+MS
7000.000	0.000	0.000	6898.053	25.484	0.000	25.346	0.000	9.691	0.000	0.000	25.511	25.318	67.839	XOM_R2OWSG MWD+IFR1+MS
7100.000	0.000	0.000	6998.053	25.827	0.000	25.686	0.000	9.848	0.000	0.000	25.854	25.659	68.114	XOM_R2OWSG MWD+IFR1+MS
7200.000	0.000	0.000	7098.053	26.170	0.000	26.027	0.000	10.008	0.000	0.000	26.197	26.000	68.378	XOM_R2OWSG MWD+IFR1+MS
7300.000	0.000	0.000	7198.053	26.514	0.000	26.369	0.000	10.172	0.000	0.000	26.541	26.342	68.629	XOM_R2OWSG MWD+IFR1+MS
7400.000	0.000	0.000	7298.053	26.859	0.000	26.711	0.000	10.337	0.000	0.000	26.885	26.685	68.870	XOM_R2OWSG MWD+IFR1+MS
7500.000	0.000	0.000	7398.053	27.204	0.000	27.053	0.000	10.506	0.000	0.000	27.229	27.027	69.101	XOM_R2OWSG MWD+IFR1+MS
7600.000	0.000	0.000	7498.053	27.549	0.000	27.396	0.000	10.678	0.000	0.000	27.574	27.370	69.323	XOM_R2OWSG MWD+IFR1+MS

7664.749	0.000	0.000	7562.803	27.772	0.000	27.618	0.000	10.791	0.000	0.000	27.797	27.593	69.462	XOM_R2OWSG MWD+IFR1+MS
7700.000	2.820	179.736	7598.039	27.704	0.000	27.733	-0.000	10.851	0.000	0.000	27.911	27.708	69.280	XOM_R2OWSG MWD+IFR1+MS
7800.000	10.820	179.736	7697.251	27.156	0.000	28.034	-0.000	11.014	0.000	0.000	28.197	28.006	67.275	XOM_R2OWSG MWD+IFR1+MS
7900.000	18.820	179.736	7793.846	26.133	0.000	28.311	-0.000	11.160	0.000	0.000	28.450	28.276	63.370	XOM_R2OWSG MWD+IFR1+MS
8000.000	26.820	179.736	7885.944	24.670	0.000	28.561	-0.000	11.294	0.000	0.000	28.669	28.514	56.114	XOM_R2OWSG MWD+IFR1+MS
8100.000	34.820	179.736	7971.752	22.823	0.000	28.786	-0.000	11.421	0.000	0.000	28.859	28.711	44.422	XOM_R2OWSG MWD+IFR1+MS
8200.000	42.820	179.736	8049.601	20.677	0.000	28.984	-0.000	11.552	0.000	0.000	29.030	28.859	31.040	XOM_R2OWSG MWD+IFR1+MS
8300.000	50.820	179.736	8117.974	18.352	0.000	29.158	-0.000	11.697	0.000	0.000	29.188	28.958	20.922	XOM_R2OWSG MWD+IFR1+MS
8400.000	58.820	179.736	8175.542	16.030	0.000	29.310	-0.000	11.868	0.000	0.000	29.330	29.018	14.614	XOM_R2OWSG MWD+IFR1+MS
8500.000	66.820	179.736	8221.184	13.981	0.000	29.440	-0.000	12.077	0.000	0.000	29.454	29.047	10.664	XOM_R2OWSG MWD+IFR1+MS
8600.000	74.820	179.736	8254.011	12.583	0.000	29.550	-0.000	12.333	0.000	0.000	29.561	29.057	8.028	XOM_R2OWSG MWD+IFR1+MS
8700.000	82.820	179.736	8273.384	12.234	0.000	29.642	-0.000	12.636	0.000	0.000	29.649	29.057	6.148	XOM_R2OWSG MWD+IFR1+MS
8789.749	90.000	179.736	8279.000	12.946	0.000	29.707	-0.000	12.946	0.000	0.000	29.712	29.058	4.859	XOM_R2OWSG MWD+IFR1+MS
8800.000	90.000	179.736	8279.000	12.983	0.000	29.713	-0.000	12.983	0.000	0.000	29.717	29.059	4.736	XOM_R2OWSG MWD+IFR1+MS
8900.000	90.000	179.736	8279.000	13.369	0.000	29.792	-0.000	13.369	0.000	0.000	29.795	29.062	3.467	XOM_R2OWSG MWD+IFR1+MS
9000.000	90.000	179.736	8279.000	13.788	0.000	29.897	-0.000	13.788	0.000	0.000	29.899	29.065	2.356	XOM_R2OWSG MWD+IFR1+MS
9100.000	90.000	179.736	8279.000	14.238	0.000	30.028	-0.000	14.238	0.000	0.000	30.029	29.068	1.442	XOM_R2OWSG MWD+IFR1+MS
9200.000	90.000	179.736	8279.000	14.716	0.000	30.184	-0.000	14.716	0.000	0.000	30.185	29.071	0.721	XOM_R2OWSG MWD+IFR1+MS
9300.000	90.000	179.736	8279.000	15.220	0.000	30.365	-0.000	15.220	0.000	0.000	30.365	29.074	0.168	XOM_R2OWSG MWD+IFR1+MS
9400.000	90.000	179.736	8279.000	15.747	0.000	30.570	-0.000	15.747	0.000	0.000	30.570	29.078	-0.249	XOM_R2OWSG MWD+IFR1+MS

9500.000	90.000	179.736	8279.000	16.295	0.000	30.799	-0.000	16.295	0.000	0.000	30.799	29.083	-0.561	XOM_R2OWSG MWD+IFR1+MS
9600.000	90.000	179.736	8279.000	16.861	0.000	31.051	-0.000	16.861	0.000	0.000	31.051	29.088	-0.792	XOM_R2OWSG MWD+IFR1+MS
9700.000	90.000	179.736	8279.000	17.444	0.000	31.326	-0.000	17.444	0.000	0.000	31.326	29.094	-0.963	XOM_R2OWSG MWD+IFR1+MS
9800.000	90.000	179.736	8279.000	18.043	0.000	31.623	-0.000	18.043	0.000	0.000	31.623	29.100	-1.087	XOM_R2OWSG MWD+IFR1+MS
9900.000	90.000	179.736	8279.000	18.655	0.000	31.941	-0.000	18.655	0.000	0.000	31.942	29.107	-1.177	XOM_R2OWSG MWD+IFR1+MS
10000.000	90.000	179.736	8279.000	19.280	0.000	32.281	-0.000	19.280	0.000	0.000	32.282	29.114	-1.240	XOM_R2OWSG MWD+IFR1+MS
10100.000	90.000	179.736	8279.000	19.916	0.000	32.640	-0.000	19.916	0.000	0.000	32.641	29.123	-1.284	XOM_R2OWSG MWD+IFR1+MS
10200.000	90.000	179.736	8279.000	20.562	0.000	33.020	-0.000	20.562	0.000	0.000	33.021	29.132	-1.313	XOM_R2OWSG MWD+IFR1+MS
10300.000	90.000	179.736	8279.000	21.218	0.000	33.418	-0.000	21.218	0.000	0.000	33.419	29.141	-1.330	XOM_R2OWSG MWD+IFR1+MS
10400.000	90.000	179.736	8279.000	21.882	0.000	33.834	-0.000	21.882	0.000	0.000	33.836	29.151	-1.339	XOM_R2OWSG MWD+IFR1+MS
10500.000	90.000	179.736	8279.000	22.554	0.000	34.268	-0.000	22.554	0.000	0.000	34.270	29.162	-1.342	XOM_R2OWSG MWD+IFR1+MS
10600.000	90.000	179.736	8279.000	23.234	0.000	34.719	-0.000	23.234	0.000	0.000	34.721	29.173	-1.339	XOM_R2OWSG MWD+IFR1+MS
10700.000	90.000	179.736	8279.000	23.919	0.000	35.186	-0.000	23.919	0.000	0.000	35.188	29.185	-1.332	XOM_R2OWSG MWD+IFR1+MS
10800.000	90.000	179.736	8279.000	24.611	0.000	35.669	-0.000	24.611	0.000	0.000	35.671	29.198	-1.323	XOM_R2OWSG MWD+IFR1+MS
10900.000	90.000	179.736	8279.000	25.308	0.000	36.167	-0.000	25.308	0.000	0.000	36.169	29.212	-1.312	XOM_R2OWSG MWD+IFR1+MS
11000.000	90.000	179.736	8279.000	26.009	0.000	36.679	-0.000	26.009	0.000	0.000	36.681	29.226	-1.299	XOM_R2OWSG MWD+IFR1+MS
11100.000	90.000	179.736	8279.000	26.716	0.000	37.205	-0.000	26.716	0.000	0.000	37.207	29.240	-1.285	XOM_R2OWSG MWD+IFR1+MS
11200.000	90.000	179.736	8279.000	27.427	0.000	37.744	-0.000	27.427	0.000	0.000	37.747	29.255	-1.270	XOM_R2OWSG MWD+IFR1+MS
11300.000	90.000	179.736	8279.000	28.142	0.000	38.296	-0.000	28.142	0.000	0.000	38.299	29.271	-1.254	XOM_R2OWSG MWD+IFR1+MS
11400.000	90.000	179.736	8279.000	28.860	0.000	38.860	-0.000	28.860	0.000	0.000	38.863	29.288	-1.238	XOM_R2OWSG MWD+IFR1+MS

11500.000	90.000	179.736	8279.000	29.582	0.000	39.436	-0.000	29.582	0.000	0.000	39.438	29.305	-1.222	XOM_R2OWSG MWD+IFR1+MS
11600.000	90.000	179.736	8279.000	30.307	0.000	40.022	-0.000	30.307	0.000	0.000	40.025	29.323	-1.207	XOM_R2OWSG MWD+IFR1+MS
11700.000	90.000	179.736	8279.000	31.034	0.000	40.620	-0.000	31.034	0.000	0.000	40.622	29.341	-1.191	XOM_R2OWSG MWD+IFR1+MS
11800.000	90.000	179.736	8279.000	31.765	0.000	41.227	-0.000	31.765	0.000	0.000	41.230	29.360	-1.175	XOM_R2OWSG MWD+IFR1+MS
11900.000	90.000	179.736	8279.000	32.498	0.000	41.844	-0.000	32.498	0.000	0.000	41.847	29.380	-1.159	XOM_R2OWSG MWD+IFR1+MS
12000.000	90.000	179.736	8279.000	33.233	0.000	42.471	-0.000	33.233	0.000	0.000	42.474	29.401	-1.144	XOM_R2OWSG MWD+IFR1+MS
12100.000	90.000	179.736	8279.000	33.971	0.000	43.106	-0.000	33.971	0.000	0.000	43.109	29.421	-1.129	XOM_R2OWSG MWD+IFR1+MS
12200.000	90.000	179.736	8279.000	34.711	0.000	43.750	-0.000	34.711	0.000	0.000	43.753	29.443	-1.114	XOM_R2OWSG MWD+IFR1+MS
12300.000	90.000	179.736	8279.000	35.452	0.000	44.402	-0.000	35.452	0.000	0.000	44.405	29.465	-1.100	XOM_R2OWSG MWD+IFR1+MS
12400.000	90.000	179.736	8279.000	36.196	0.000	45.062	-0.000	36.196	0.000	0.000	45.065	29.488	-1.086	XOM_R2OWSG MWD+IFR1+MS
12500.000	90.000	179.736	8279.000	36.941	0.000	45.729	-0.000	36.941	0.000	0.000	45.732	29.512	-1.072	XOM_R2OWSG MWD+IFR1+MS
12600.000	90.000	179.736	8279.000	37.688	0.000	46.404	-0.000	37.688	0.000	0.000	46.406	29.536	-1.059	XOM_R2OWSG MWD+IFR1+MS
12700.000	90.000	179.736	8279.000	38.436	0.000	47.085	-0.000	38.436	0.000	0.000	47.087	29.560	-1.045	XOM_R2OWSG MWD+IFR1+MS
12800.000	90.000	179.736	8279.000	39.186	0.000	47.772	-0.000	39.186	0.000	0.000	47.775	29.586	-1.033	XOM_R2OWSG MWD+IFR1+MS
12900.000	90.000	179.736	8279.000	39.937	0.000	48.466	-0.000	39.937	0.000	0.000	48.469	29.611	-1.020	XOM_R2OWSG MWD+IFR1+MS
13000.000	90.000	179.736	8279.000	40.689	0.000	49.166	-0.000	40.689	0.000	0.000	49.169	29.638	-1.008	XOM_R2OWSG MWD+IFR1+MS
13100.000	90.000	179.736	8279.000	41.442	0.000	49.872	-0.000	41.442	0.000	0.000	49.874	29.665	-0.996	XOM_R2OWSG MWD+IFR1+MS
13200.000	90.000	179.736	8279.000	42.197	0.000	50.583	-0.000	42.197	0.000	0.000	50.586	29.693	-0.985	XOM_R2OWSG MWD+IFR1+MS
13300.000	90.000	179.736	8279.000	42.953	0.000	51.299	-0.000	42.953	0.000	0.000	51.302	29.721	-0.974	XOM_R2OWSG MWD+IFR1+MS
13400.000	90.000	179.736	8279.000	43.710	0.000	52.021	-0.000	43.710	0.000	0.000	52.023	29.750	-0.963	XOM_R2OWSG MWD+IFR1+MS

13500.000	90.000	179.736	8279.000	44.467	0.000	52.747	-0.000	44.467	0.000	0.000	52.750	29.780	-0.952	XOM_R2OWSG MWD+IFR1+MS
13600.000	90.000	179.736	8279.000	45.226	0.000	53.478	-0.000	45.226	0.000	0.000	53.481	29.810	-0.942	XOM_R2OWSG MWD+IFR1+MS
13700.000	90.000	179.736	8279.000	45.986	0.000	54.213	-0.000	45.986	0.000	0.000	54.216	29.840	-0.932	XOM_R2OWSG MWD+IFR1+MS
13800.000	90.000	179.736	8279.000	46.746	0.000	54.953	-0.000	46.746	0.000	0.000	54.956	29.872	-0.922	XOM_R2OWSG MWD+IFR1+MS
13900.000	90.000	179.736	8279.000	47.507	0.000	55.697	-0.000	47.507	0.000	0.000	55.699	29.904	-0.912	XOM_R2OWSG MWD+IFR1+MS
14000.000	90.000	179.736	8279.000	48.269	0.000	56.444	-0.000	48.269	0.000	0.000	56.447	29.936	-0.903	XOM_R2OWSG MWD+IFR1+MS
14100.000	90.000	179.736	8279.000	49.032	0.000	57.196	-0.000	49.032	0.000	0.000	57.198	29.969	-0.894	XOM_R2OWSG MWD+IFR1+MS
14200.000	90.000	179.736	8279.000	49.795	0.000	57.951	-0.000	49.795	0.000	0.000	57.953	30.003	-0.885	XOM_R2OWSG MWD+IFR1+MS
14300.000	90.000	179.736	8279.000	50.559	0.000	58.710	-0.000	50.559	0.000	0.000	58.712	30.037	-0.877	XOM_R2OWSG MWD+IFR1+MS
14400.000	90.000	179.736	8279.000	51.324	0.000	59.472	-0.000	51.324	0.000	0.000	59.474	30.072	-0.868	XOM_R2OWSG MWD+IFR1+MS
14500.000	90.000	179.736	8279.000	52.089	0.000	60.237	-0.000	52.089	0.000	0.000	60.239	30.107	-0.860	XOM_R2OWSG MWD+IFR1+MS
14600.000	90.000	179.736	8279.000	52.855	0.000	61.005	-0.000	52.855	0.000	0.000	61.008	30.143	-0.852	XOM_R2OWSG MWD+IFR1+MS
14700.000	90.000	179.736	8279.000	53.621	0.000	61.776	-0.000	53.621	0.000	0.000	61.779	30.180	-0.844	XOM_R2OWSG MWD+IFR1+MS
14800.000	90.000	179.736	8279.000	54.388	0.000	62.551	-0.000	54.388	0.000	0.000	62.553	30.217	-0.837	XOM_R2OWSG MWD+IFR1+MS
14900.000	90.000	179.736	8279.000	55.155	0.000	63.328	-0.000	55.155	0.000	0.000	63.330	30.255	-0.829	XOM_R2OWSG MWD+IFR1+MS
15000.000	90.000	179.736	8279.000	55.923	0.000	64.107	-0.000	55.923	0.000	0.000	64.110	30.293	-0.822	XOM_R2OWSG MWD+IFR1+MS
15100.000	90.000	179.736	8279.000	56.691	0.000	64.890	-0.000	56.691	0.000	0.000	64.892	30.332	-0.815	XOM_R2OWSG MWD+IFR1+MS
15200.000	90.000	179.736	8279.000	57.460	0.000	65.674	-0.000	57.460	0.000	0.000	65.677	30.371	-0.808	XOM_R2OWSG MWD+IFR1+MS
15300.000	90.000	179.736	8279.000	58.229	0.000	66.461	-0.000	58.229	0.000	0.000	66.464	30.411	-0.802	XOM_R2OWSG MWD+IFR1+MS
15400.000	90.000	179.736	8279.000	58.999	0.000	67.251	-0.000	58.999	0.000	0.000	67.253	30.452	-0.795	XOM_R2OWSG MWD+IFR1+MS

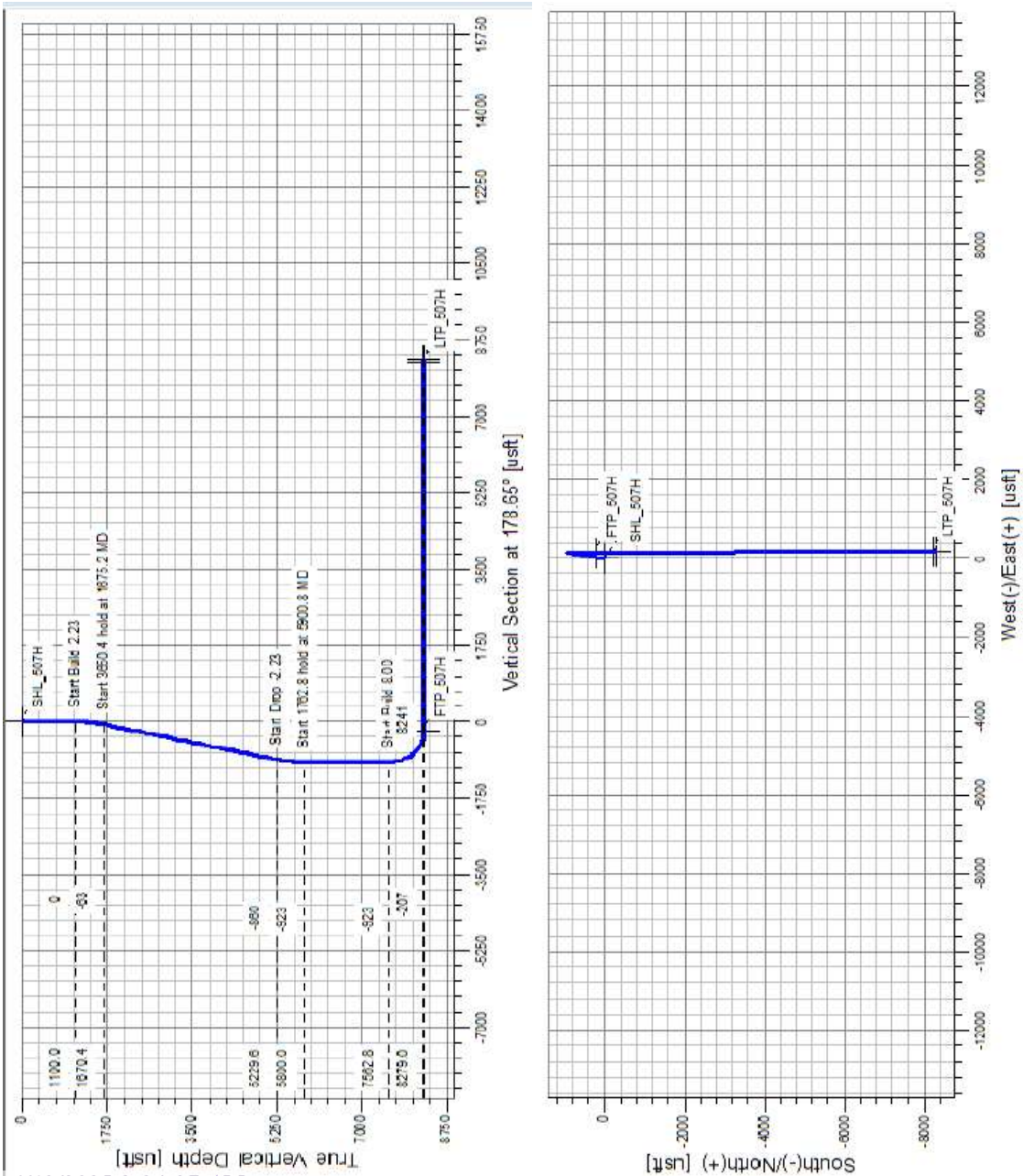
15500.000	90.000	179.736	8279.000	59.769	0.000	68.043	-0.000	59.769	0.000	0.000	68.045	30.493	-0.789	XOM_R2OWSG MWD+IFR1+MS
15600.000	90.000	179.736	8279.000	60.539	0.000	68.836	-0.000	60.539	0.000	0.000	68.839	30.535	-0.782	XOM_R2OWSG MWD+IFR1+MS
15700.000	90.000	179.736	8279.000	61.310	0.000	69.632	-0.000	61.310	0.000	0.000	69.635	30.577	-0.776	XOM_R2OWSG MWD+IFR1+MS
15800.000	90.000	179.736	8279.000	62.081	0.000	70.430	-0.000	62.081	0.000	0.000	70.433	30.620	-0.770	XOM_R2OWSG MWD+IFR1+MS
15900.000	90.000	179.736	8279.000	62.853	0.000	71.230	-0.000	62.853	0.000	0.000	71.233	30.663	-0.764	XOM_R2OWSG MWD+IFR1+MS
16000.000	90.000	179.736	8279.000	63.624	0.000	72.032	-0.000	63.624	0.000	0.000	72.034	30.707	-0.759	XOM_R2OWSG MWD+IFR1+MS
16100.000	90.000	179.736	8279.000	64.397	0.000	72.836	-0.000	64.397	0.000	0.000	72.838	30.751	-0.753	XOM_R2OWSG MWD+IFR1+MS
16200.000	90.000	179.736	8279.000	65.169	0.000	73.641	-0.000	65.169	0.000	0.000	73.643	30.796	-0.748	XOM_R2OWSG MWD+IFR1+MS
16300.000	90.000	179.736	8279.000	65.942	0.000	74.448	-0.000	65.942	0.000	0.000	74.450	30.842	-0.742	XOM_R2OWSG MWD+IFR1+MS
16400.000	90.000	179.736	8279.000	66.715	0.000	75.257	-0.000	66.715	0.000	0.000	75.259	30.888	-0.737	XOM_R2OWSG MWD+IFR1+MS
16500.000	90.000	179.736	8279.000	67.488	0.000	76.067	-0.000	67.488	0.000	0.000	76.069	30.934	-0.732	XOM_R2OWSG MWD+IFR1+MS
16600.000	90.000	179.736	8279.000	68.261	0.000	76.879	-0.000	68.261	0.000	0.000	76.881	30.981	-0.727	XOM_R2OWSG MWD+IFR1+MS
16700.000	90.000	179.736	8279.000	69.035	0.000	77.693	-0.000	69.035	0.000	0.000	77.695	31.029	-0.722	XOM_R2OWSG MWD+IFR1+MS
16800.000	90.000	179.736	8279.000	69.809	0.000	78.507	-0.000	69.809	0.000	0.000	78.510	31.077	-0.717	XOM_R2OWSG MWD+IFR1+MS
16900.000	90.000	179.736	8279.000	70.583	0.000	79.324	-0.000	70.583	0.000	0.000	79.326	31.126	-0.712	XOM_R2OWSG MWD+IFR1+MS
17000.000	90.000	179.736	8279.000	71.358	0.000	80.141	-0.000	71.358	0.000	0.000	80.143	31.175	-0.708	XOM_R2OWSG MWD+IFR1+MS
17100.000	90.000	179.736	8279.000	72.132	0.000	80.960	-0.000	72.132	0.000	0.000	80.962	31.225	-0.703	XOM_R2OWSG MWD+IFR1+MS
17200.000	90.000	179.736	8279.000	72.907	0.000	81.781	-0.000	72.907	0.000	0.000	81.783	31.275	-0.699	XOM_R2OWSG MWD+IFR1+MS
17238.839	90.000	179.736	8279.000	73.208	0.000	82.099	-0.000	73.208	0.000	0.000	82.101	31.295	-0.697	XOM_R2OWSG MWD+IFR1+MS
17288.841	90.000	179.736	8279.000	73.596	0.000	82.509	-0.000	73.596	0.000	0.000	82.511	31.320	-0.695	XOM_R2OWSG MWD+IFR1+MS

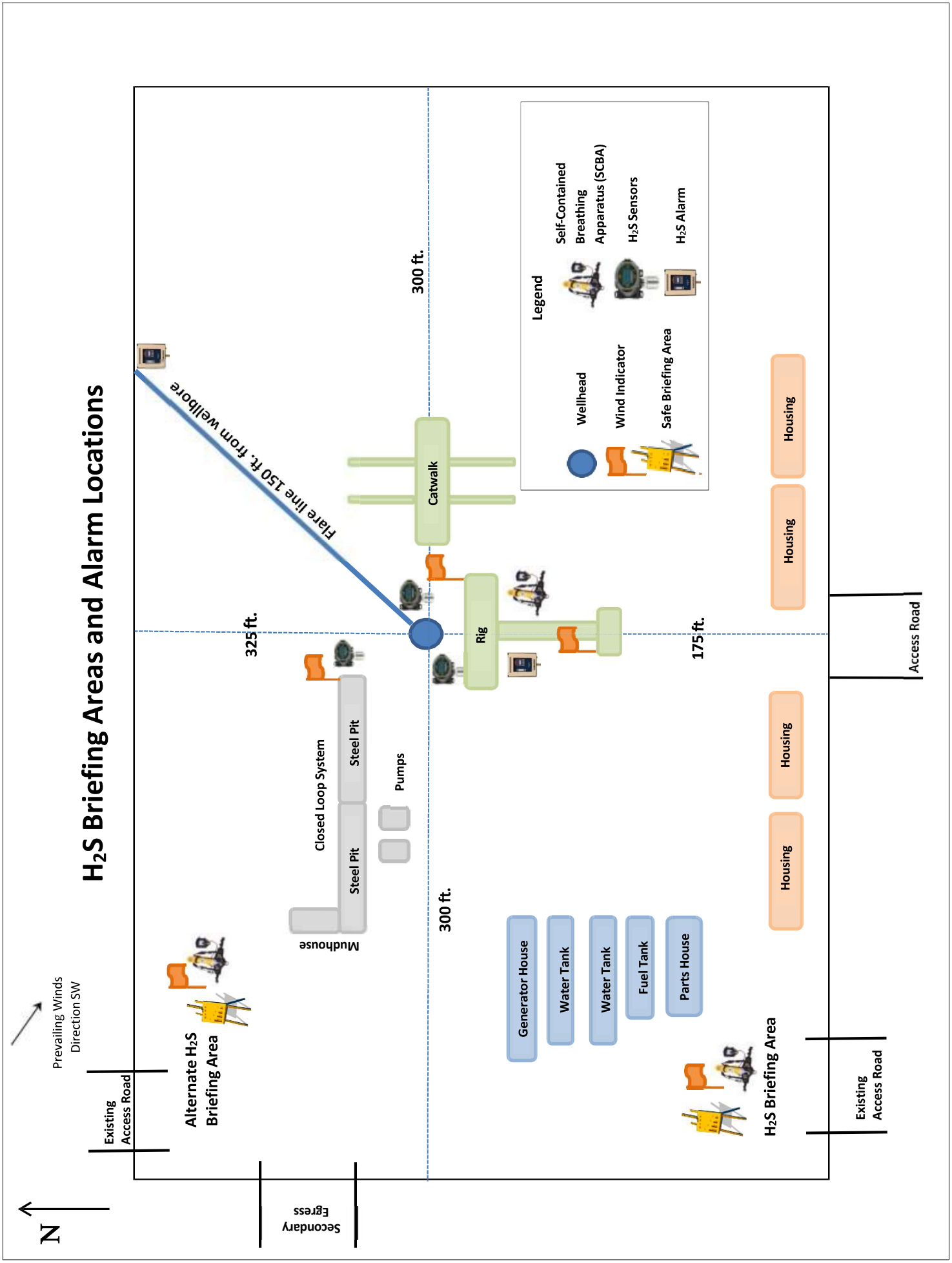
Plan Targets PLU Unit 13-1 PC 507H

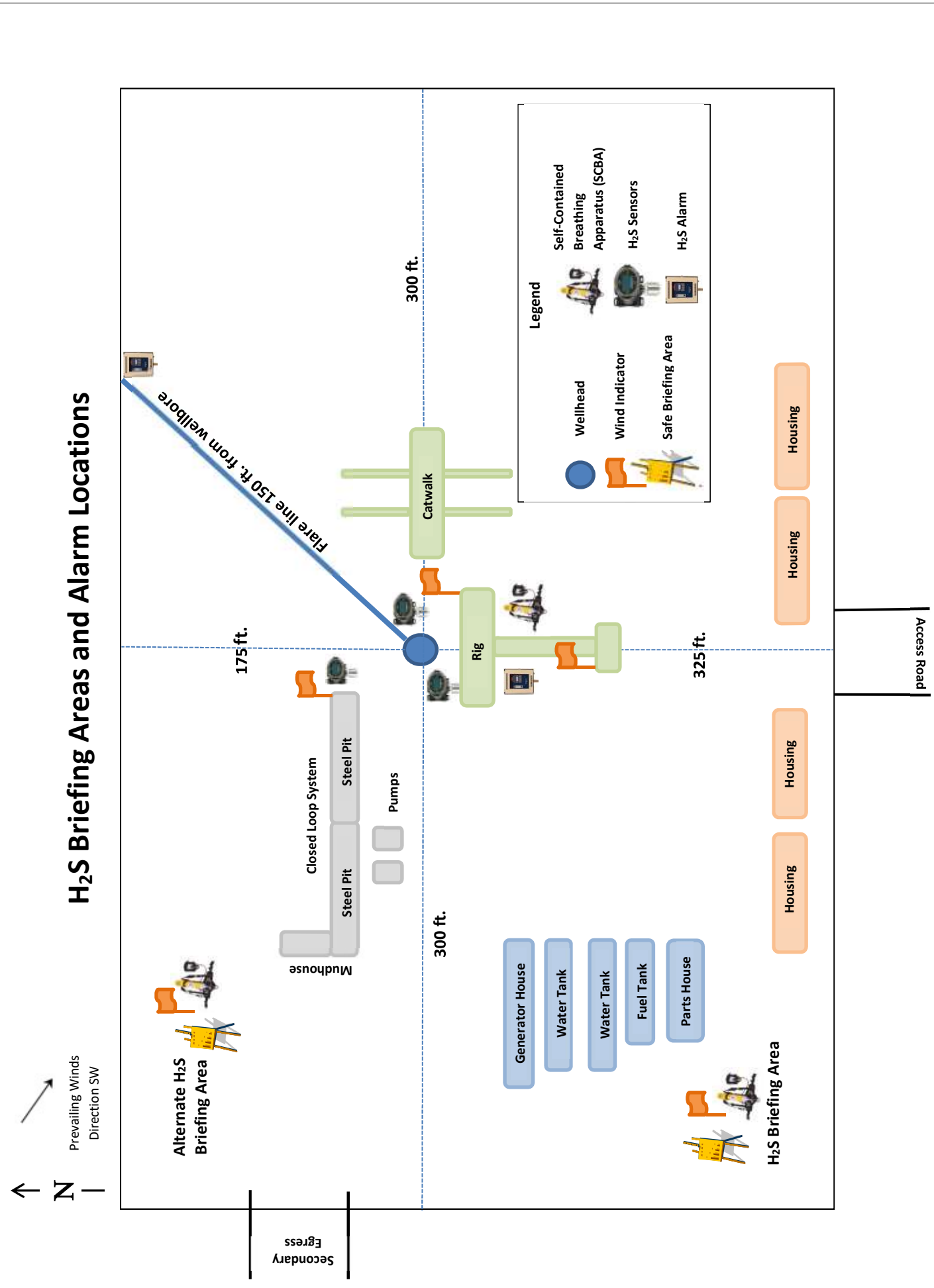
Target Name	Measured Depth (ft)	Grid Northing (ft)	Grid Easting (ft)	TVD MSL (ft)	Target Shape
FTP 1	8789.69	443628.60	624200.60	5135.00	CIRCLE
LTP 1	17238.84	435179.60	624239.50	5135.00	CIRCLE
BHL 1	17288.84	435129.60	624239.80	5135.00	CIRCLE

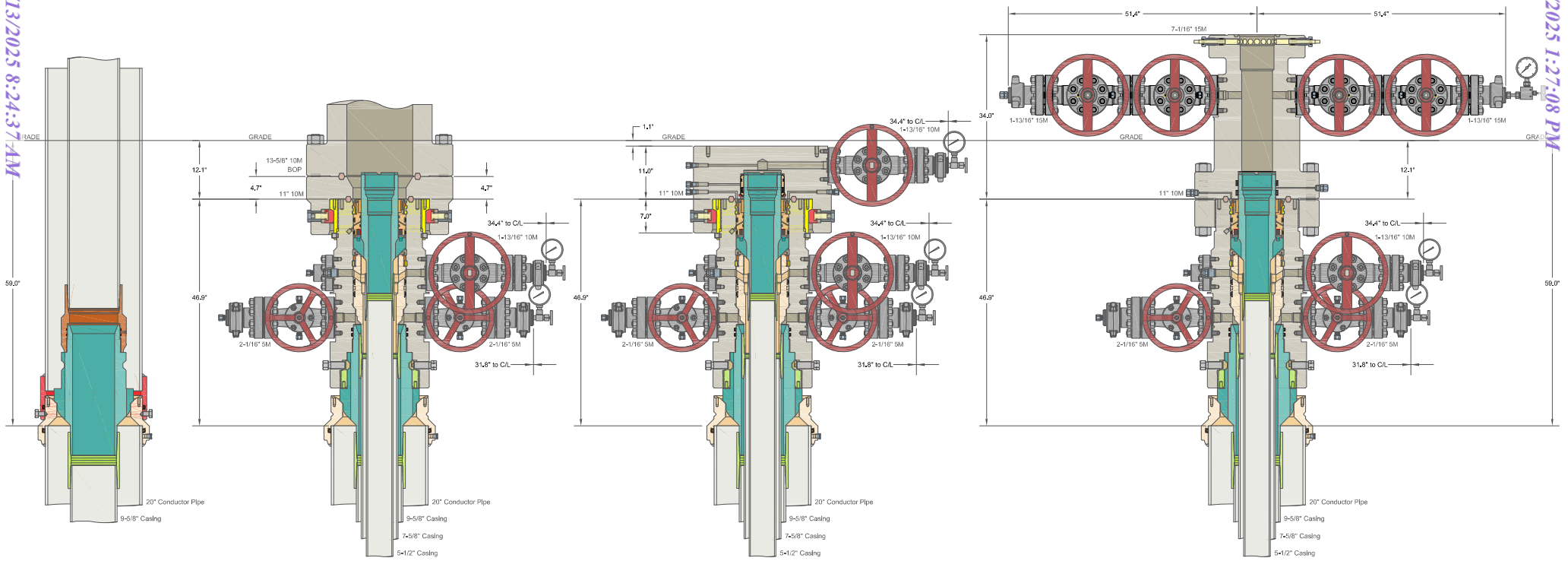
Formation	TVDSS (feet)	TVD (feet)
Rustler	2,626'	518'
Salado	2,395'	749'
Base of Salt	-12'	3,156'
Delaware	-215'	3,359'
Cherry Canyon	-1,111'	4,255'
Brushy Canyon	-2,659'	5,803'
Bone Spring Lm.	-3,965'	7,109'
Avalon Shale	-4,097'	7,241'
Lower Avalon Shale	-4,643'	7,787'
1st Bone Spring Lime	-4,805'	7,949'
1st Bone Spring Sand	-4,955'	8,099'
Landing	-5,135'	8,279'

Poker Lake Unit 13-1 Pierce Canyon 507H




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


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



ALL DIMENSIONS APPROXIMATE

CACTUS WELLHEAD LLC

XTO ENERGY INC
DELAWARE BASIN

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	VJK	31MAR22
APPRV		
DRAWING NO.	HBE0000479	

Cement Variance Request

Intermediate Casing:

XTO requests to pump a two stage cement job on the intermediate casing string with the first stage being pumped conventionally with the calculated top of cement at the Brush Canyon (5803') 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.

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:** 12/18/2024

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
PLU 13-1 PC 507H	TBD	H 13 24S 29E	2270 FNL 995 FEL	500	100	2,000	500	3,000	750
PLU 13-1 PC 705H	TBD	G 13 24S 29E	2420 FNL 1596 FEL	1,000	100	2,000	250	1,750	250
PLU 13-1 PC 707H	TBD	H 13 24S 29E	2270 FNL 1055 FEL	1,250	100	2,500	500	2,250	250
PLU 13-1 PC 708H	TBD	H 13 24S 29E	2270 FNL 965 FEL	1,000	100	2,000	250	1,750	250
PLU 13-1 PC 805H	TBD	G 13 24S 29E	2420 FNL 1656 FEL	1,000	100	2,500	250	1,000	100
PLU 13-1 PC 806H	TBD	G 13 24S 29E	2420 FNL 1506 FEL	1,000	100	2,500	250	1,000	100
PLU 13-24 PC 705H	TBD	G 13 24S 29E	2420 FNL 1566 FEL	1,500	100	3,000	500	2,500	500
PLU 13-24 PC 707H	TBD	H 13 24S 29E	2270 FNL 1025 FEL	1,750	150	3,250	750	2,750	500
PLU 13-24 PC 708H	TBD	H 13 24S 29E	2270 FNL 935 FEL	1,750	150	3,250	750	2,750	500
PLU 13-24 PC 805H	TBD	G 13 24S 29E	2420 FNL 1626 FEL	1,250	100	3,000	500	1,250	150
PLU 13-24 PC 806H	TBD	G 13 24S 29E	2420 FNL 1536 FEL	1,500	100	3,500	750	1,500	250

Well name abbreviations to save space: PLU = Poker Lake Unit. PC = Pierce Canyon

IV. Central Delivery Point Name: PLU 13 PC CTBW and PLU 13 PC CTBE [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
PLU 13-1 PC 507H	TBD	Aug-2025	TBD	Jan-2026	TBD	May-2026
PLU 13-1 PC 705H	TBD	Aug-2025	TBD	Jan-2026	TBD	May-2026
PLU 13-1 PC 707H	TBD	Aug-2025	TBD	Jan-2026	TBD	May-2026
PLU 13-1 PC 708H	TBD	Aug-2025	TBD	Jan-2026	TBD	May-2026
PLU 13-1 PC 805H	TBD	Aug-2025	TBD	Jan-2026	TBD	May-2026
PLU 13-1 PC 806H	TBD	Aug-2025	TBD	Jan-2026	TBD	May-2026
PLU 13-24 PC 705H	TBD	Aug-2025	TBD	Jan-2026	TBD	May-2026
PLU 13-24 PC 707H	TBD	Aug-2025	TBD	Jan-2026	TBD	May-2026
PLU 13-24 PC 708H	TBD	Aug-2025	TBD	Jan-2026	TBD	May-2026
PLU 13-24 PC 805H	TBD	Aug-2025	TBD	Jan-2026	TBD	May-2026
PLU 13-24 PC 806H	TBD	Aug-2025	TBD	Jan-2026	TBD	May-2026

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

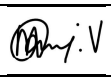
1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(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.

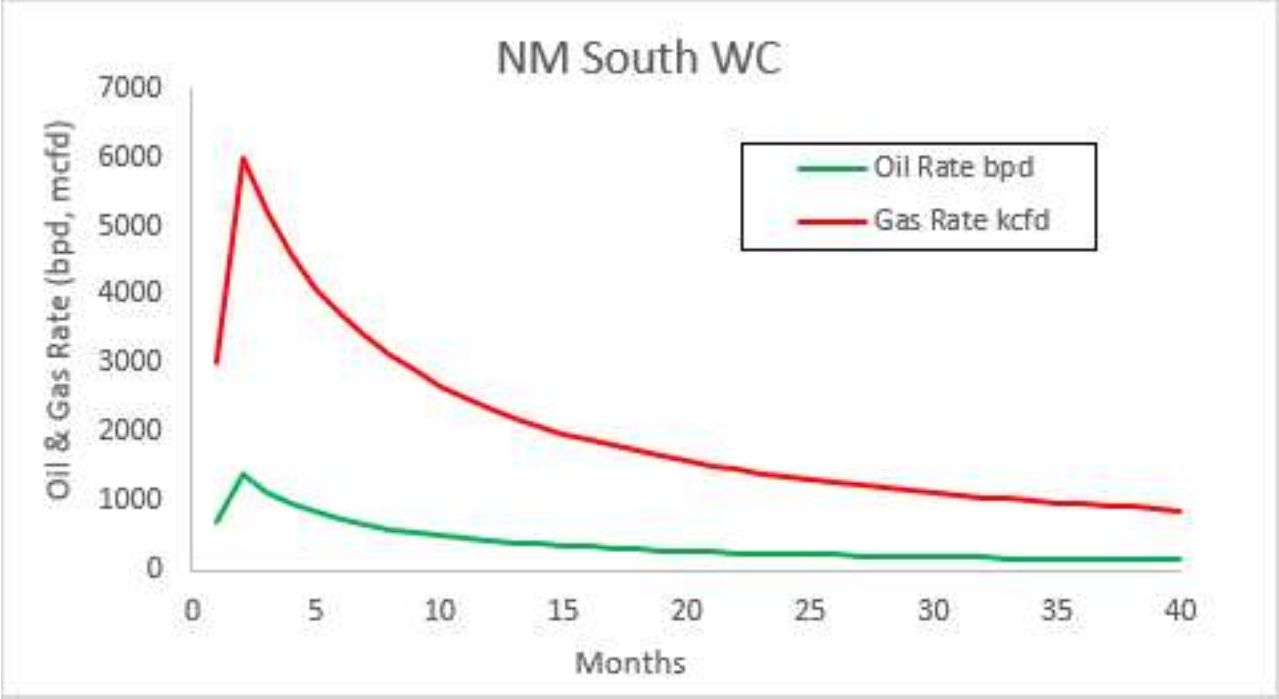
2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural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

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:	
Printed Name:	Manoj Venkatesh
Title:	Permitting Analyst
E-mail Address:	manoj.venkatesh@exxonmobil.com
Date:	12/18/2024
Phone:	+1-832-832-8071

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)
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6000
5000
4000
3000
2000
1000
0
0
5
10
15
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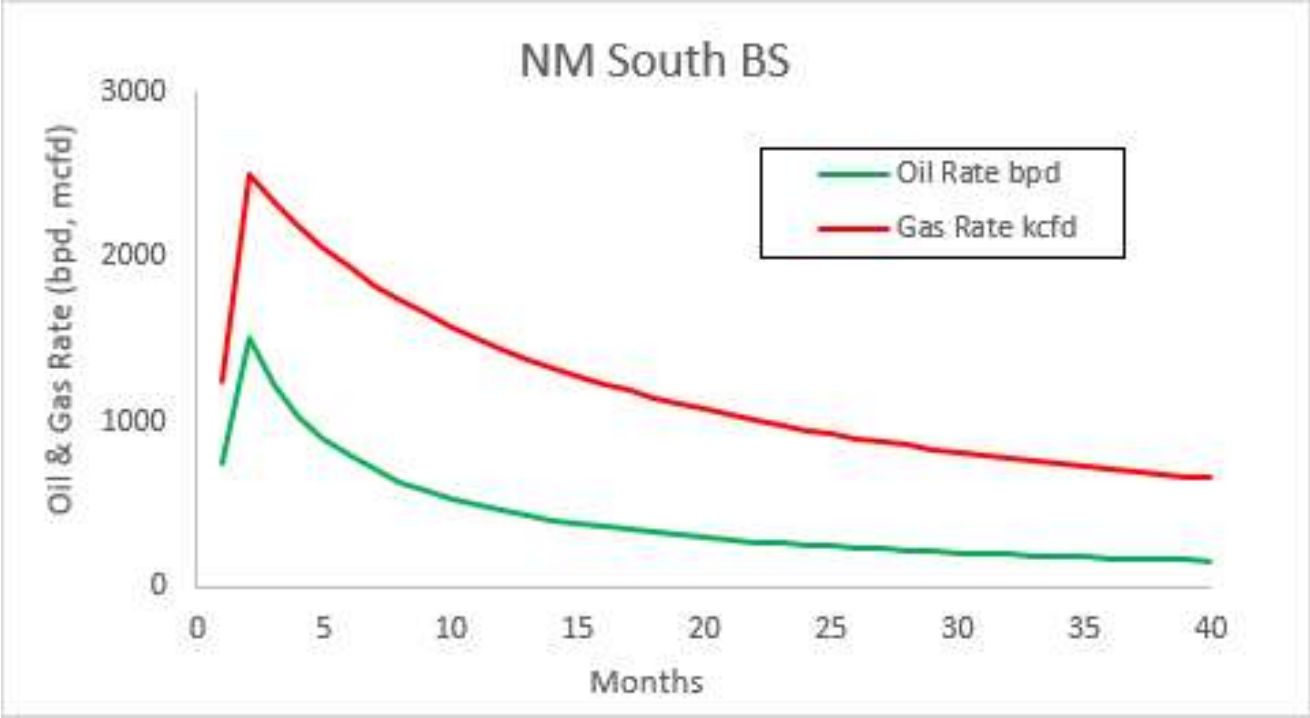
30
35
40
Months
Oil Rate bpd
Gas Rate kcfd


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

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.

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.

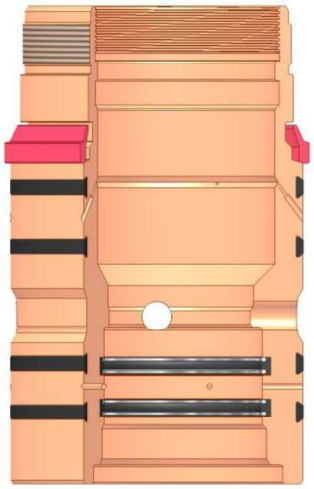
1. Cement Program

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

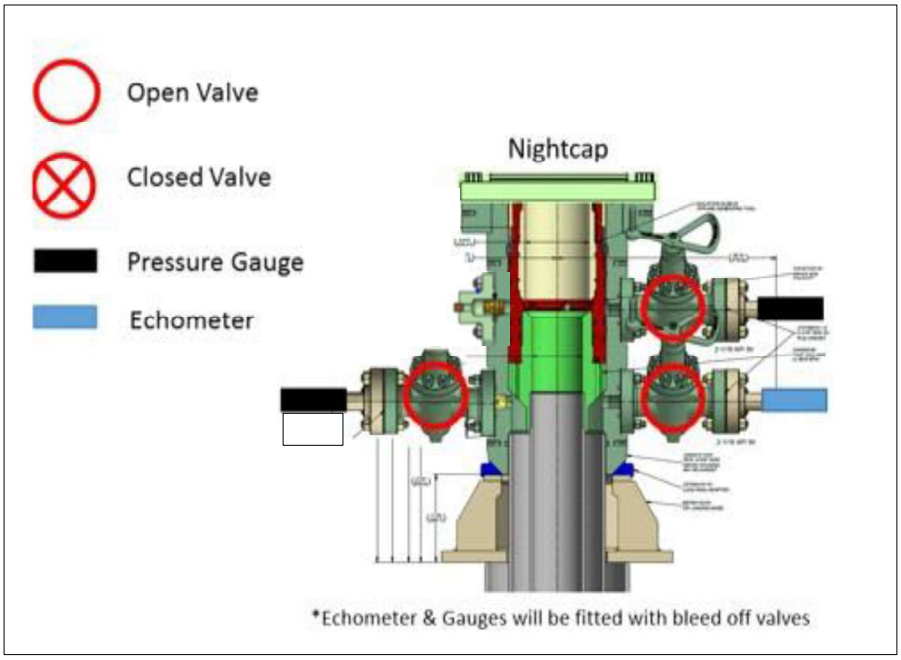
2. Offline Cementing Procedure

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.



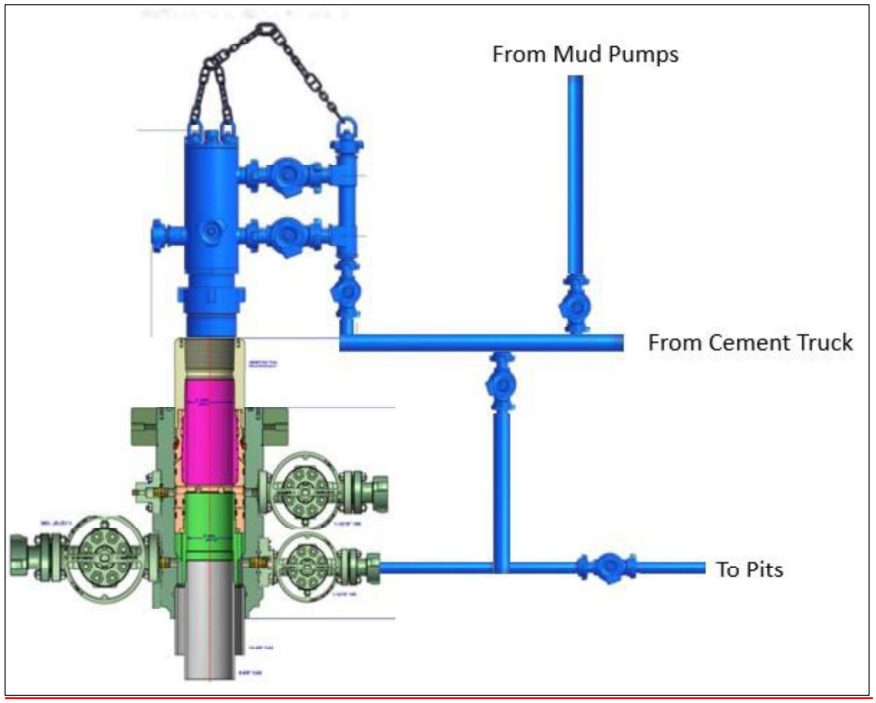
Annular packoff with both external and internal seals



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®**

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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

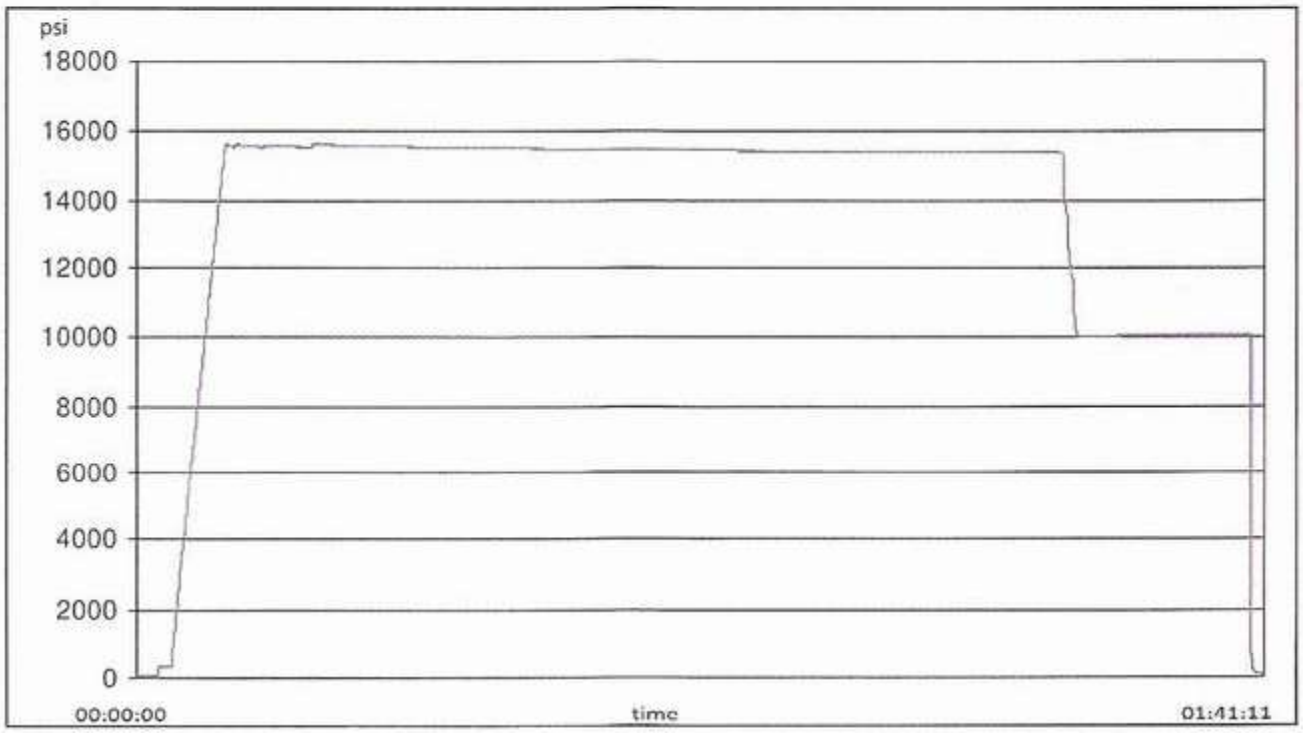
DATE: 1/25/2024

H3-15716

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				



H3-15716

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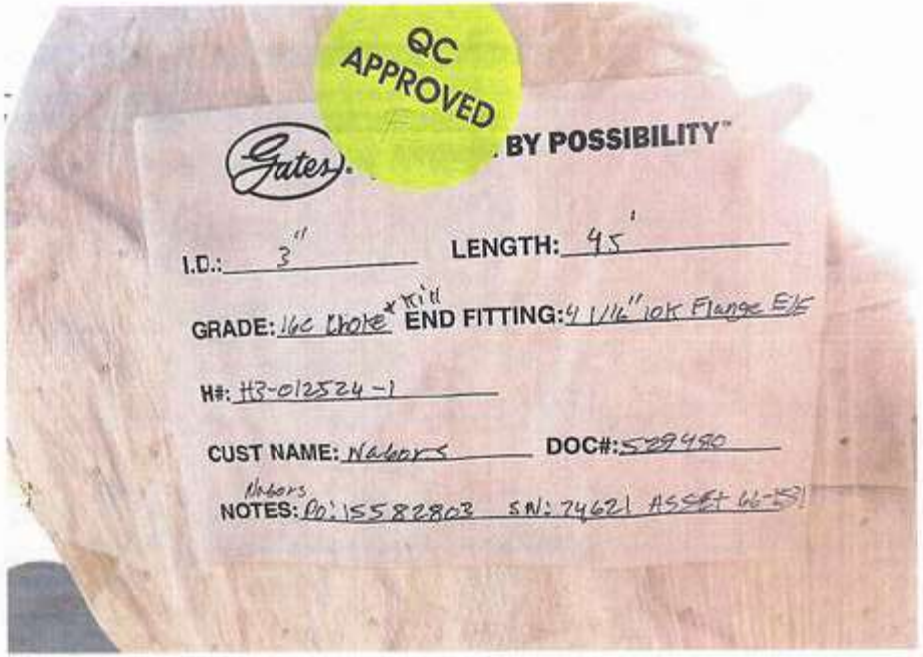
TEST REPORT

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



Subject: Request for a Variance Allowing break Testing of the Blowout Preventer Equipment (BOPE)

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

Background

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

Supporting Documentation

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

Figure 1: Winch System attached to BOP Stack

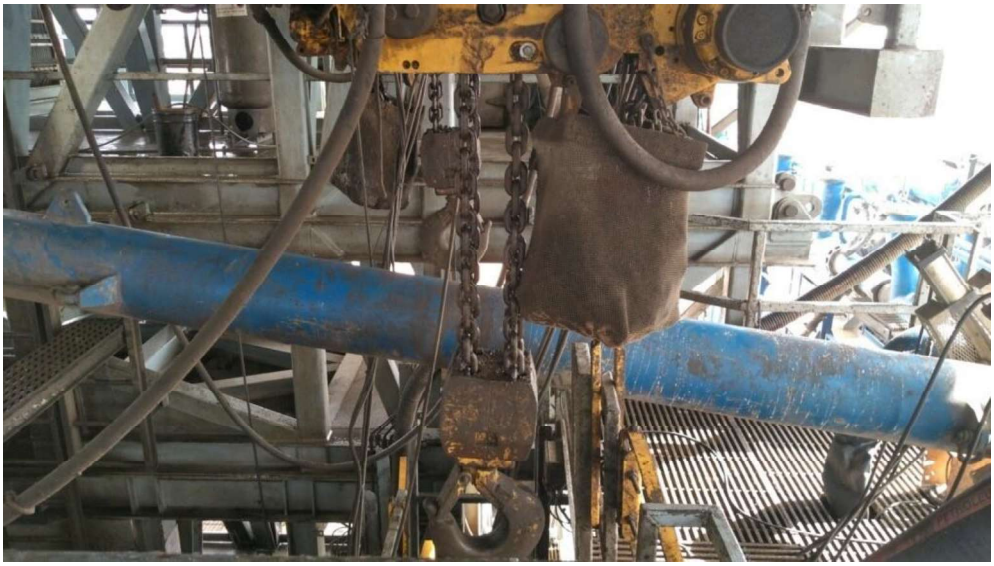


Figure 2: BOP Winch System

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

62 API STANDARD 53

Table C.4—Initial Pressure Testing, Surface BOP Stacks

Component to be Pressure Tested	Pressure Test—Low Pressure[ac] psig (MPa)	Pressure Test—High Pressure[ac]	
		Change Out of Component, Elastomer, or Ring Gasket	No Change Out of Component, Elastomer, or Ring Gasket
Annular preventer[b]	250 to 350 (1.72 to 2.41)	RWP of annular preventer	MASP or 70% annular RWP, whichever is lower.
Fixed pipe, variable bore, blind, and BSR preventers[bd]	250 to 350 (1.72 to 2.41)	RWP of ram preventer or wellhead system, whichever is lower	ITP
Choke and kill line and BOP side outlet valves below ram preventers (both sides)	250 to 350 (1.72 to 2.41)	RWP of side outlet valve or wellhead system, whichever is lower	ITP
Choke manifold—upstream of chokes[e]	250 to 350 (1.72 to 2.41)	RWP of ram preventers or wellhead system, whichever is lower	ITP
Choke manifold—downstream of chokes[e]	250 to 350 (1.72 to 2.41)	RWP of valve(s), line(s), or MASP for the well program, whichever is lower	
Kelly, kelly valves, drill pipe safety valves, IBOPs	250 to 350 (1.72 to 2.41)	MASP for the well program	

[a] Pressure test evaluation periods shall be a minimum of five minutes.
No visible leaks.
The pressure shall remain stable during the evaluation period. The pressure shall not decrease below the intended test pressure.

[b] Annular(s) and VBR(s) shall be pressure tested on the largest and smallest OD drill pipe to be used in well program.

[c] For pad drilling operations, moving from one wellhead to another within the 21 days, pressure testing is required for pressure-containing and pressure-controlling connections when the integrity of a pressure seal is broken.

[d] For surface offshore operations, the ram BOPs shall be pressure tested with the ram locks engaged and the closing and locking pressure vented during the initial test. For land operations, the ram BOPs shall be pressure tested with the ram locks engaged and the closing and locking pressure vented at commissioning and annually.

[e] Adjustable chokes are not required to be full sealing devices. Pressure testing against a closed choke is not required.

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

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

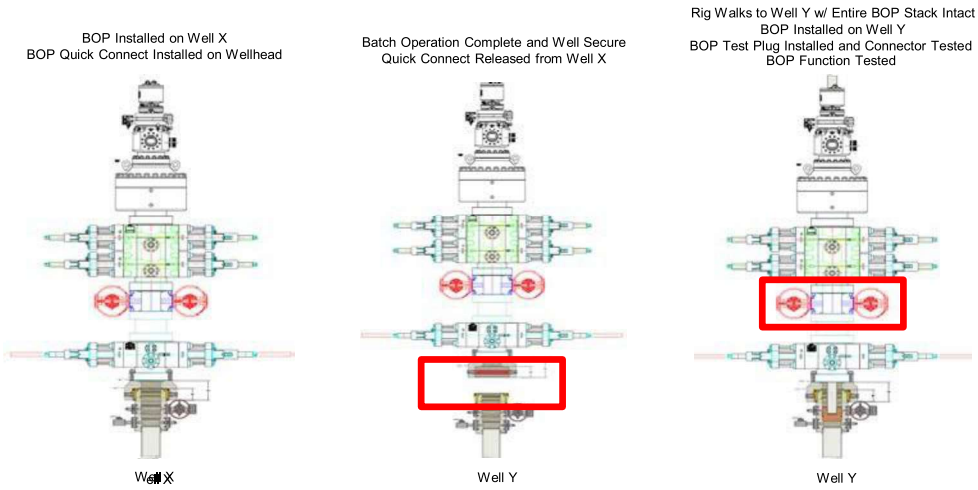
XTO Energy feels break testing and our current procedures meet the intent of CFR Title 43 Part 317 0and often exceed it. There has been no evidence that break testing results in more components failing than seen on full BOP tests. XTO Energy's internal standards requires complete BOPE tests more often than that of CFR Title 43 Part 3170 (Every 21 days). In addition to function testing the annular, pipe rams and blind rams after
each BOP nipple up, XTO Energy performs a choke drill with the rig crew prior to drilling out every casing shoe. This is additional training for the rig crew that exceeds the requirements of the CFR Title 43 Part 3170.

Procedures

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

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

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



Summary

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

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

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

1. After a full BOP test is conducted on the first well on the pad.

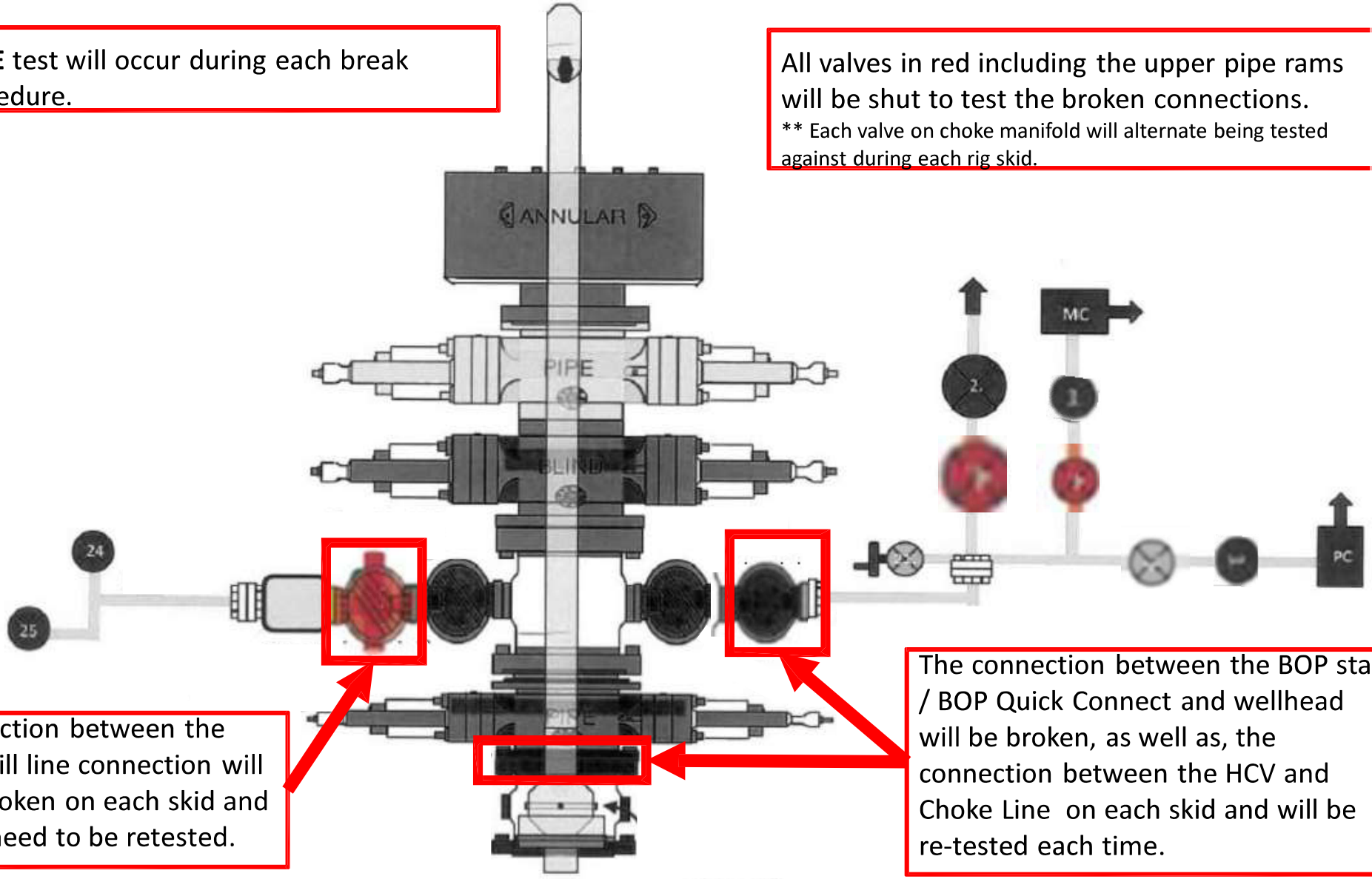
2. The first intermediate hole section drilled on the pad will be the deepest. All of the remaining hole sections will be the same depth or shallower.

3. Full BOP test will be required if the intermediate hole section being drilled has a MASP over 5M.

4. Full BOP test will be required prior to drilling the production hole.

Only **ONE** test will occur during each break test procedure.

All valves in red including the upper pipe rams will be shut to test the broken connections.
** Each valve on choke manifold will alternate being tested against during each rig skid.



The connection between the HCV and kill line connection will **NOT** be broken on each skid and does not need to be retested.

The connection between the BOP stack / BOP Quick Connect and wellhead will be broken, as well as, the connection between the HCV and Choke Line on each skid and will be re-tested each time.

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

SUPO Data Report
04/29/2025

APD ID: 10400099113
Submission Date: 06/21/2024
Operator Name: XTO PERMIAN OPERATING LLC
Well Name: POKER LAKE UNIT 13-1 PC
Well Number: 507H
Well Type: OIL WELL
Well Work Type: Drill

Highlighted data reflects the most recent changes
Show Final Text

Section 1 - Existing Roads

Will existing roads be used? YES

Existing Road Map:

PC_13_1_507H_Existing_Roads_Map_20240617141209.pdf

Existing Road Purpose: ACCESS

Row(s) Exist? NO

ROW ID(s)

ID:

Do the existing roads need to be improved? NO

Existing Road Improvement Description:

Existing Road Improvement Attachment:

Section 2 - New or Reconstructed Access Roads

Will new roads be needed? NO

Section 3 - Location of Existing Wells

Existing Wells Map? YES

Attach Well map:

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 13-1 PC **Well Number:** 507H

PC_13_1Mile_20240612123827.pdf

Section 4 - Location of Existing and/or Proposed Production Facilities

Submit or defer a Proposed Production Facilities plan? SUBMIT

Production Facilities description: Facilities: Production Facilities will be located on the existing Poker Lake Unit 13-24 PC CVB. The facility is located in Section 13-24S-29E, Eddy County, New Mexico and is 600' x 600'. Flowlines: No additional flowline will be requested. Midstream Tie-in: No additional disturbance will be requested for Midstream. Aboveground Structures. All permanent (on site six months or longer) aboveground structures constructed or installed on location and not subject to safety requirements will be painted earth-tone colors such as shale green that reduce the visual impacts of the built environment. Electrical: All electrical lines are existing and no new disturbance is being requested at this time.

Production Facilities map:

2019051523_XTO_POKER_LAKE_UNIT_13_24_PC_FACILITY_PAD_EXISTING_FINAL_2_17_2025_20250217131115.pdf

Section 5 - Location and Types of Water Supply

Water Source Table

Water source type: OTHER

Describe type: Freshwater; Section 6, T25S-R29E, Eddy County, New Mexico

Water source use type: DUST CONTROL
SURFACE CASING
INTERMEDIATE/PRODUCTION CASING
STIMULATION

Source latitude: **Source longitude:**

Source datum:

Water source permit type: PRIVATE CONTRACT

Water source transport method: TRUCKING

Source land ownership: COMMERCIAL

Source transportation land ownership: FEDERAL

Water source volume (barrels): 300000 **Source volume (acre-feet):** 38.6679289

Source volume (gal): 12600000

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 13-1 PC **Well Number:** 507H

Water source type: OTHER

Describe type: Freshwater; Section 13, T17S-R33E, Lea County, New Mexico

Water source use type: DUST CONTROL
SURFACE CASING
INTERMEDIATE/PRODUCTION CASING
STIMULATION

Source latitude: **Source longitude:**

Source datum:

Water source permit type: PRIVATE CONTRACT

Water source transport method: TRUCKING

Source land ownership: COMMERCIAL

Source transportation land ownership: FEDERAL

Water source volume (barrels): 300000 **Source volume (acre-feet):** 38.6679289

Source volume (gal): 12600000

Water source and transportation

PC_13_1_507H_Vicinity_Map_20240617141240.pdf

Water source comments: The wells will be drilled using a combination of water mud systems as outlined in the Drilling Program. The water will be obtained from a 3rd party vendor and hauled to the anticipated pit in Section 7 by transport truck using the existing and proposed roads depicted in the attached exhibits. No water well will be drilled on the location. Water for drilling, completion and dust control will be purchased from the following company: i. Rockhouse Water for drilling, completion and dust control will be supplied by Texas Pacific Water Resources for sale to XTO Permian Operating, LLC. from Section 13, T17S-R33E, Lea County, New Mexico. In the event that Rockhouse does not have the appropriate water for XTO Permian Operating, LLC at time of drilling and completion, then XTO Permian Operating, LLC water will come from Intrepid Potash Company with the location of the water being in Section 6, T25S-R29E, Eddy County, New Mexico. Anticipated water usage for drilling includes an estimated 35,000 barrels of water to drill a horizontal well in a combination of fresh water and brine as detailed in the mud program in the drilling plans. These volumes are calculated for ~1.5bbls per foot of hole drilled with excess to accommodate any lost circulation or wash out that may occur. Actual water volumes used during operations will depend on the depth of the well, length of horizontal sections, and the losses that may occur during the operation. Temporary water flowlines will be permitted via ROW approval letter and proper grants as-needed based on drilling and completion schedules as needed. Well completion is expected to require approximately 300,000 barrels of water per horizontal well. Actual water volumes used during operations will depend on the depth of the well and length of horizontal sections.

New water well? N

New Water Well Info

Well latitude: **Well Longitude:** **Well datum:**

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 13-1 PC **Well Number:** 507H

Well target aquifer:

Est. depth to top of aquifer(ft): **Est thickness of aquifer:**

Aquifer comments:

Aquifer documentation:

Well depth (ft): **Well casing type:**

Well casing outside diameter (in.): **Well casing inside diameter (in.):**

New water well casing? **Used casing source:**

Drilling method: **Drill material:**

Grout material: **Grout depth:**

Casing length (ft.): **Casing top depth (ft.):**

Well Production type: **Completion Method:**

Water well additional information:

State appropriation permit:

Additional information attachment:

Section 6 - Construction Materials

Using any construction materials: YES

Construction Materials description: Anticipated Caliche Locations : Pit 1: State operated by MEC, Section 32-T25S-R29E, SENE Pit 2: State operated by MEC, Section 11-T25S-R29E, SENW

Construction Materials source location

Section 7 - Methods for Handling

Waste type: DRILLING

Waste content description: Fluid

Amount of waste: 500 barrels

Waste disposal frequency : One Time Only

Safe containment description: Steel mud boxes

Safe containmant attachment:

Waste disposal type: HAUL TO COMMERCIAL FACILITY **Disposal location ownership:** COMMERCIAL

Disposal type description:

Disposal location description: R360 Environmental Solutions 4507 W Carlsbad Hwy, Hobbs, NM 88240

Waste type: DRILLING

Waste content description: Cuttings

Amount of waste: 2100 pounds

Waste disposal frequency : One Time Only

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 13-1 PC **Well Number:** 507H

Safe containment description: 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.

Safe containmant attachment:

Waste disposal type: HAUL TO COMMERCIAL FACILITY **Disposal location ownership:** COMMERCIAL
Disposal type description:

Disposal location description: R360 Environmental Solutions 4507 W Carlsbad Hwy, Hobbs, NM 88240

Waste type: SEWAGE

Waste content description: Portable, self-contained toilets will be provided for human waste disposal. Upon completion of drilling and completion activities, or as required, the toilet holding tanks will be pumped and the contents thereof disposed of in an approved sewage disposal facility. All state and local laws and regulations pertaining to the disposal of human and solid waste will be complied with. This equipment will be properly maintained during the drilling and completion operations and will be removed when all operations are complete.

Amount of waste: 250 gallons

Waste disposal frequency : Weekly

Safe containment description: Portable, self-contained toilets will be provided for human waste disposal. Upon completion of drilling and completion activities, or as required, the toilet holding tanks will be pumped and the contents thereof disposed of in an approved sewage disposal facility. All state and local laws and regulations pertaining to the disposal of human and solid waste will be complied with. This equipment will be properly maintained during the drilling and completion operations and will be removed when all operations are complete.

Safe containmant attachment:

Waste disposal type: HAUL TO COMMERCIAL FACILITY **Disposal location ownership:** COMMERCIAL
Disposal type description:

Disposal location description: A licensed 3rd party contractor to haul and dispose of human waste.

Waste type: GARBAGE

Waste content description: All garbage, junk and non-flammable waste materials will be contained in a self-contained, portable dumpster or trash cage, to prevent scattering and will be removed and deposited in an approve sanitary landfill. Immediately after drilling all debris and other waste materials on and around the well location not contained in the trash cage will be cleaned up and removed from the location. No potentially adverse materials or substances will be left on the location.

Amount of waste: 250 pounds

Waste disposal frequency : Weekly

Safe containment description: All garbage, junk and non-flammable waste materials will be contained in a self-contained, portable dumpster or trash cage, to prevent scattering and will be removed and deposited in an approve sanitary landfill. Immediately after drilling all debris and other waste materials on and around the well location not contained in the trash cage will be cleaned up and removed from the location. No potentially adverse materials or substances will be left on the location.

Safe containmant attachment:

Waste disposal type: HAUL TO COMMERCIAL FACILITY **Disposal location ownership:** COMMERCIAL
Disposal type description:

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 13-1 PC **Well Number:** 507H

Disposal location description: A licensed 3rd party contractor will be used to haul and dispose of garbage.

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. Drilling fluids 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:

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 13-1 PC **Well Number:** 507H

Section 9 - Well Site

Well Site Layout Diagram:

PC_13_1_507H_RL_20250214105708.pdf

PC_13_1_507H_Well_Site_Plat_20250217140604.pdf

Comments: Multi well pad

Section 10 - Plans for Surface Reclamation

Type of disturbance: No New Surface Disturbance **Multiple Well Pad Name:** POKER LAKE UNIT 13-1 PC

Multiple Well Pad Number: C

Recontouring

2019051510_XTO_POKER_LAKE_UNIT_13_1_PAD_B_INTERIM_RECLAMATION_FINAL_1_29_2025_R1_20250214154724.pdf

2019051510_XTO_POKER_LAKE_UNIT_13_1_PAD_C_INTERIM_RECLAMATION_FINAL_1_29_2025_R1_20250214154724.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.

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 13-1 PC **Well Number:** 507H

Existing Vegetation at the well pad: Soil area is a combination of Pajarito-Dune land complex, loamy sand with 0-3% slopes, and Potter-Simona complex, shallow sandy soil with 5 to 25% slopes. These soils support grassland dominated by black grama throughout with dropseeds and bluestems more prevalent in the loamier areas. The areas with shallower soil have fewer shrubs and more litter cover with shrubs such as sand sage, shinnery oak and mesquite appearing as the soil presents more loam. Other vegetation such as creosote, mesquite, catclaw, snakeweed, and soapweed yucca grow within the area.
Existing Vegetation at the well pad

Existing Vegetation Community at the road: Soil area is a combination of Pajarito-Dune land complex, loamy sand with 0-3% slopes, and Potter-Simona complex, shallow sandy soil with 5 to 25% slopes. These soils support grassland dominated by black grama throughout with dropseeds and bluestems more prevalent in the loamier areas. The areas with shallower soil have fewer shrubs and more litter cover with shrubs such as sand sage, shinnery oak and mesquite appearing as the soil presents more loam. Other vegetation such as creosote, mesquite, catclaw, snakeweed, and soapweed yucca grow within the area.
Existing Vegetation Community at the road

Existing Vegetation Community at the pipeline: Soil area is a combination of Pajarito-Dune land complex, loamy sand with 0-3% slopes, and Potter-Simona complex, shallow sandy soil with 5 to 25% slopes. These soils support grassland dominated by black grama throughout with dropseeds and bluestems more prevalent in the loamier areas. The areas with shallower soil have fewer shrubs and more litter cover with shrubs such as sand sage, shinnery oak and mesquite appearing as the soil presents more loam. Other vegetation such as creosote, mesquite, catclaw, snakeweed, and soapweed yucca grow within the area.
Existing Vegetation Community at the pipeline

Existing Vegetation Community at other disturbances: Soil area is a combination of Pajarito-Dune land complex, loamy sand with 0-3% slopes, and Potter-Simona complex, shallow sandy soil with 5 to 25% slopes. These soils support grassland dominated by black grama throughout with dropseeds and bluestems more prevalent in the loamier areas. The areas with shallower soil have fewer shrubs and more litter cover with shrubs such as sand sage, shinnery oak and mesquite appearing as the soil presents more loam. Other vegetation such as creosote, mesquite, catclaw, snakeweed, and soapweed yucca grow within the area.
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:

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 13-1 PC **Well Number:** 507H

Seed

Seed Table

Seed Summary

Total pounds/Acre:

Seed Type	Pounds/Acre

Seed reclamation

Operator Contact/Responsible Official

First Name: Robert **Last Name:** Bartels

Phone: (406)478-3617 **Email:** Robert.e.bartels@exxonmobil.com

Seedbed prep: 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. If the site is to be broadcast seeded, the surface will be left rough enough to trap seed and snow, control erosion, and increase water infiltration.

Seed BMP: If broadcast seeding is to be used and is delayed, final seedbed preparation will consist of contour cultivating to a depth of 4-6 inches within 24 hours prior to seeding, dozer tracking, or other imprinting in order to break the soil crust and create seed germination micro-sites.
Seed method: Seeding will be conducted no more than two weeks following completion of final seedbed preparation. A certified weed-free seed mix designed by the BLM to meet reclamation standards will be used.

Existing invasive species? N

Existing invasive species treatment description:

Existing invasive species treatment

Weed treatment plan description: Weed control for all phases will be through the use of approved pesticides and herbicides according to applicable State, Federal and local laws.
Weed treatment plan

Monitoring plan description: Monitoring of invasive and noxious weeds will be visual and as-needed. If it is determined additional methods are required to monitor invasive and noxious weeds, appropriate BLM authorities will be contacted with a plan of action for approval prior to implementation.
Monitoring plan

Success standards: 100% compliance with applicable regulations.

Pit closure description: There will be no reserve pit as each well will be drilled utilizing a closed loop mud system. The closed loop system will meet the NMOCD requirements 19.15.17.
Pit closure attachment:

Section 11 - Surface Ownership

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 13-1 PC **Well Number:** 507H

Disturbance type: EXISTING ACCESS ROAD

Describe:

Surface Owner: BUREAU OF LAND MANAGEMENT

Other surface owner description:

BIA Local Office:

BOR Local Office:

COE Local Office:

DOD Local Office:

NPS Local Office:

State Local Office:

Military Local Office:

USFWS Local Office:

Other Local Office:

USFS Region:

USFS Forest/Grassland: **USFS Ranger District:**

Disturbance type: WELL PAD

Describe:

Surface Owner: BUREAU OF LAND MANAGEMENT

Other surface owner description:

BIA Local Office:

BOR Local Office:

COE Local Office:

DOD Local Office:

NPS Local Office:

State Local Office:

Military Local Office:

USFWS Local Office:

Other Local Office:

USFS Region:

USFS Forest/Grassland: **USFS Ranger District:**

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 13-1 PC **Well Number:** 507H

Disturbance type: TRANSMISSION LINE

Describe:

Surface Owner: BUREAU OF LAND MANAGEMENT

Other surface owner description:

BIA Local Office:

BOR Local Office:

COE Local Office:

DOD Local Office:

NPS Local Office:

State Local Office:

Military Local Office:

USFWS Local Office:

Other Local Office:

USFS Region:

USFS Forest/Grassland: **USFS Ranger District:**

Disturbance type: OTHER

Describe: Flowline

Surface Owner: BUREAU OF LAND MANAGEMENT

Other surface owner description:

BIA Local Office:

BOR Local Office:

COE Local Office:

DOD Local Office:

NPS Local Office:

State Local Office:

Military Local Office:

USFWS Local Office:

Other Local Office:

USFS Region:

USFS Forest/Grassland: **USFS Ranger District:**

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 13-1 PC **Well Number:** 507H

Section 12 - Other

Right of Way needed? N **Use APD as ROW?**

ROW Type(s):

ROW

SUPO Additional Information:

Use a previously conducted onsite? Y

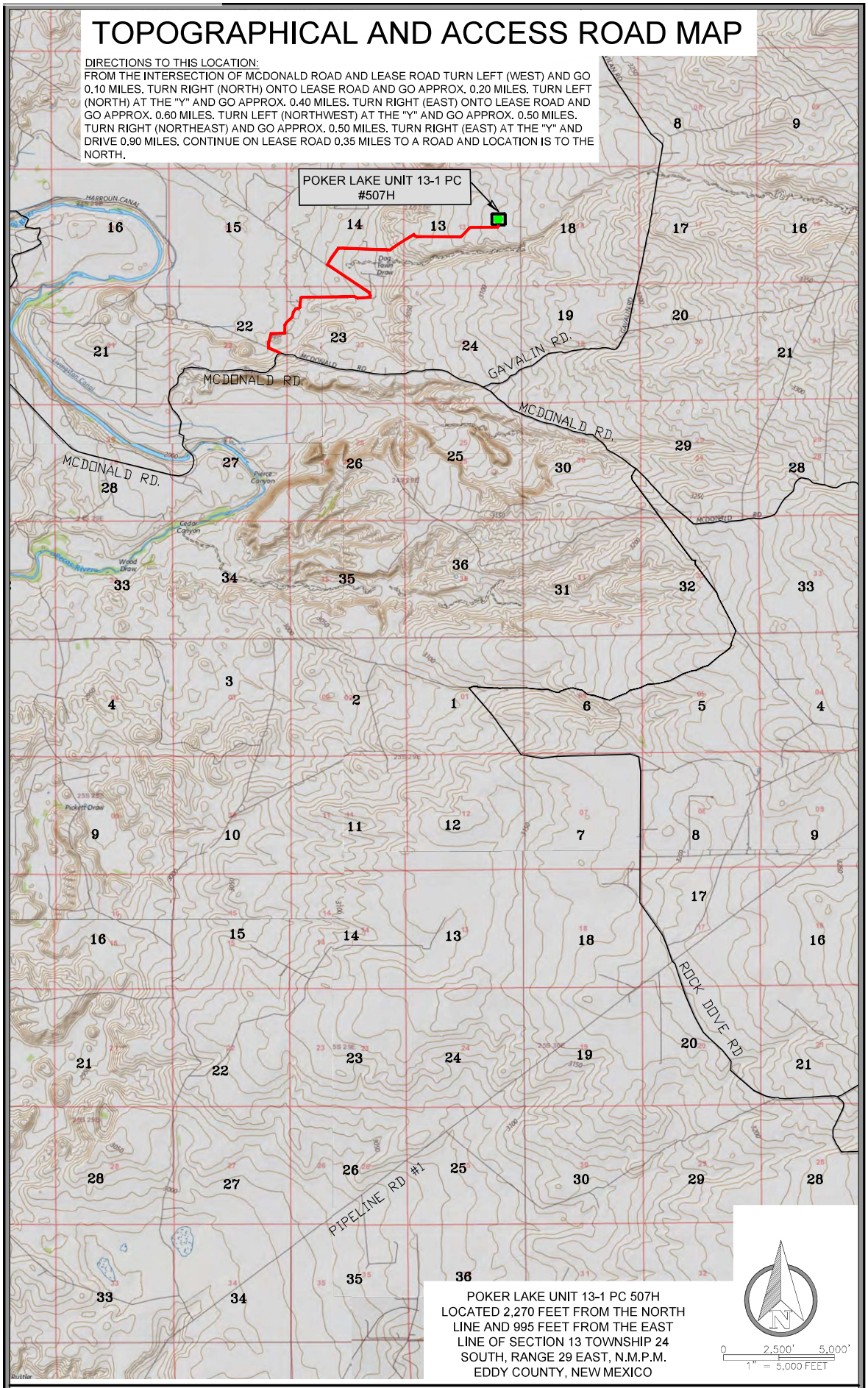
Previous Onsite information: The XTO Permian Operating, LLC. representatives and BLM NRS were on location for onsite on 11/26/2019.

Other SUPO

PC_13_SUPO_20240612134355_20250214154749.pdf

TOPOGRAPHICAL AND ACCESS ROAD MAP

DIRECTIONS TO THIS LOCATION:
FROM THE INTERSECTION OF MCDONALD ROAD AND LEASE ROAD TURN LEFT (WEST) AND GO 0.10 MILES. TURN RIGHT (NORTH) ONTO LEASE ROAD AND GO APPROX. 0.20 MILES. TURN LEFT (NORTH) AT THE "Y" AND GO APPROX. 0.40 MILES. TURN RIGHT (EAST) ONTO LEASE ROAD AND GO APPROX. 0.60 MILES. TURN LEFT (NORTHWEST) AT THE "Y" AND GO APPROX. 0.50 MILES. TURN RIGHT (NORTHEAST) AND GO APPROX. 0.50 MILES. TURN RIGHT (EAST) AT THE "Y" AND DRIVE 0.90 MILES. CONTINUE ON LEASE ROAD 0.35 MILES TO A ROAD AND LOCATION IS TO THE NORTH.



POKER LAKE UNIT 13-1 PC 507H
LOCATED 2,270 FEET FROM THE NORTH LINE AND 995 FEET FROM THE EAST LINE OF SECTION 13 TOWNSHIP 24 SOUTH, RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, NEW MEXICO

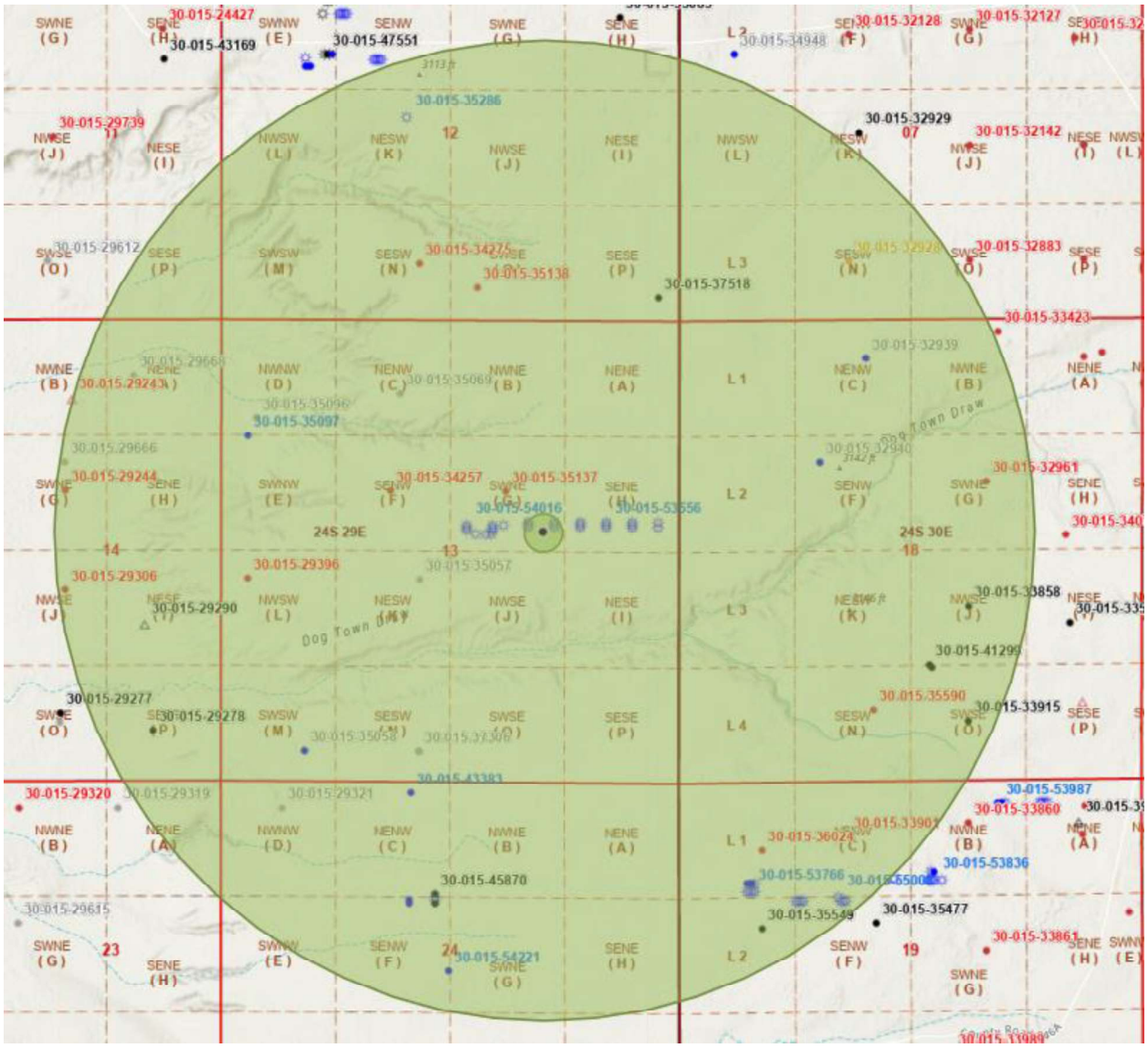
0 2,500' 5,000'
1" = 5,000 FEET

FSC INC
SURVEYORS+ENGINEERS
550 Bailey Ave., 205 - Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPLS Firm 10193887
www.fscinc.net

DATE:	5-3-2024	PROJECT NO:	2024030169
DRAWN BY:	LM	SCALE:	1" = 5,000'
CHECKED BY:	CH	SHEET:	3 OF 3
FIELD CREW:	RE/PH	REVISION:	0

PLU PC 13

1-Mile Radius Map



SECTION 13

TOWNSHIP 24 SOUTH, RANGE 29 EAST
NEW MEXICO PRINCIPAL MERIDIAN
OWNER: U.S.A.

0 100' 200'
1" = 200 FEET

POKER LAKE UNIT 13-24 PC EXISTING FACILITY PAD DESCRIPTION:

Description of a existing facility pad totaling 8.27 acres and being situated in Section 13, Township 24 South, Range 29 East, New Mexico Principal Meridian, Eddy County, New Mexico and being more particularly described as follows:

BEGINNING at the northeast corner of the existing facility pad from which a 2" found iron pipe with a brass cap, being the northeast corner of said Section 13, bears N 35°19'41" E a distance of 1,684.49 feet;

THENCE over and across said Section 13, the following courses and distances:

S 00°03'03" W, a distance of 600.06 feet to a point;

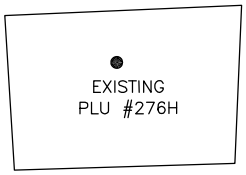
N 89°56'11" W, a distance of 600.25 feet to a point;

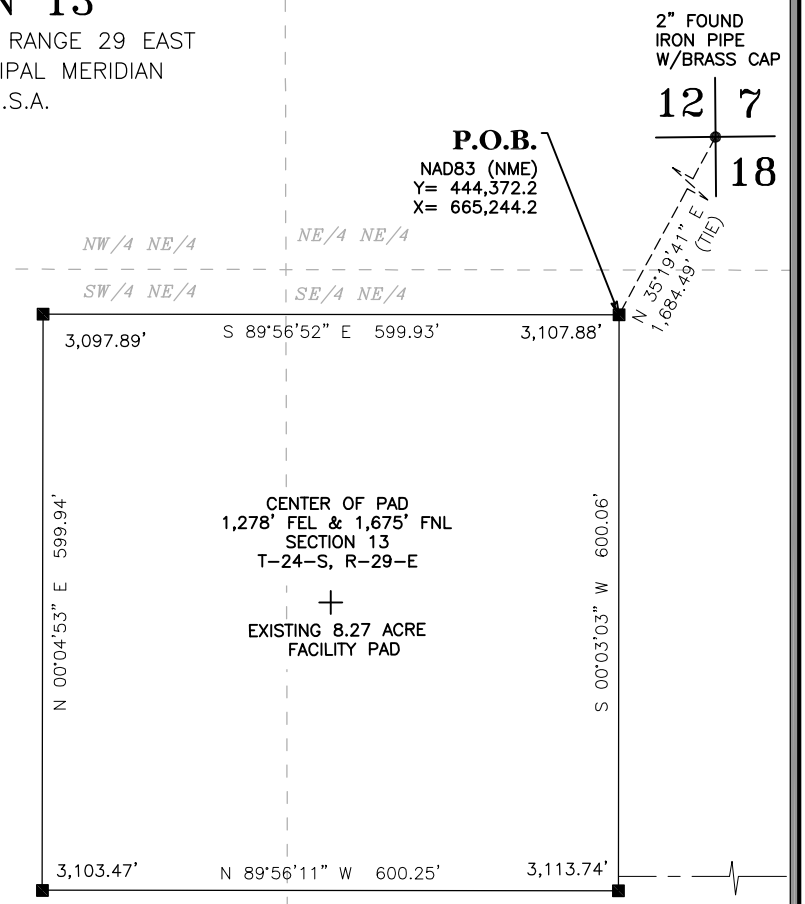
N 00°04'53" E, a distance of 599.94 feet to a point;

S 89°56'52" E, a distance of 599.93 feet to the POINT OF BEGINNING containing a total of **8.27 acres**, more or less.

Said pad is divided in each quarter-quarter section as follows

SE/4 NE/4 Section 13 = 4.76 OF AN ACRE
SW/4 NE/4 Section 13 = 3.51 ACRES





LEGEND

- SECTION LINE
- EXISTING FACILITY PAD
- EXISTING ACCESS ROAD
- P.O.B. POINT OF BEGINNING
- FOUND MONUMENT AS NOTED

GENERAL NOTES

1. BEARINGS AND COORDINATES SHOWN HEREON ARE MERCATOR GRID AND CONFORM TO THE NEW MEXICO COORDINATE SYSTEM "NEW MEXICO EAST ZONE" NORTH AMERICAN DATUM 1983.
2. LATITUDE AND LONGITUDE VALUES SHOWN HEREON ARE RELATIVE TO THE NORTH AMERICAN DATUM (NAD83).

I, TIM C. PAPPAS, NEW MEXICO PROFESSIONAL SURVEYOR NO. 21209, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

17 Feb 2025

TIM C. PAPPAS
REGISTERED PROFESSIONAL LAND SURVEYOR
STATE OF NEW MEXICO NO. 21209

TIM C. PAPPAS NEW MEXICO 21209 PROFESSIONAL SURVEYOR

FSC INC SURVEYORS+ENGINEERS

2821 West 7th Street, Suite 200
Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPLS Firm 10193887
www.fscinc.net

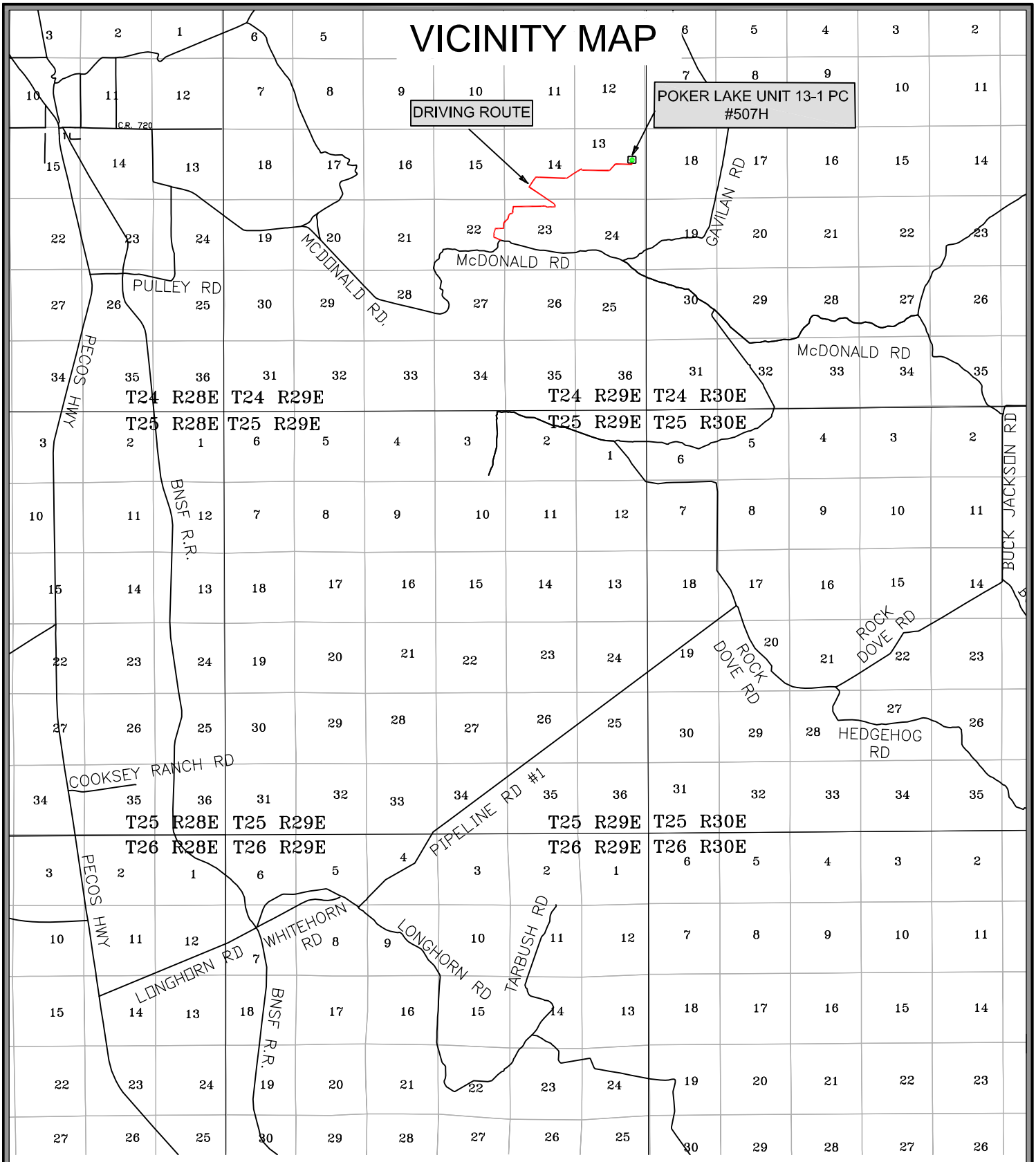
XTO PERMIAN OPERATING, LLC.

EXISTING FACILITY PAD
POKER LAKE UNIT 13-24 PC

SURVEY FOR AN EXISTING FACILITY PAD SITUATED IN THE NE/4 OF SECTION 13, TOWNSHIP 24 SOUTH, RANGE 29 EAST, N.M.P.M., EDDY COUNTY, NEW MEXICO

DATE:	2-17-2025	PROJECT NO:	2019051523
DRAWN BY:	LM	SCALE:	1" = 200'
CHECKED BY:	CH	SHEET:	1 OF 1
FIELD CREW:	RE	REVISION:	0

VICINITY MAP

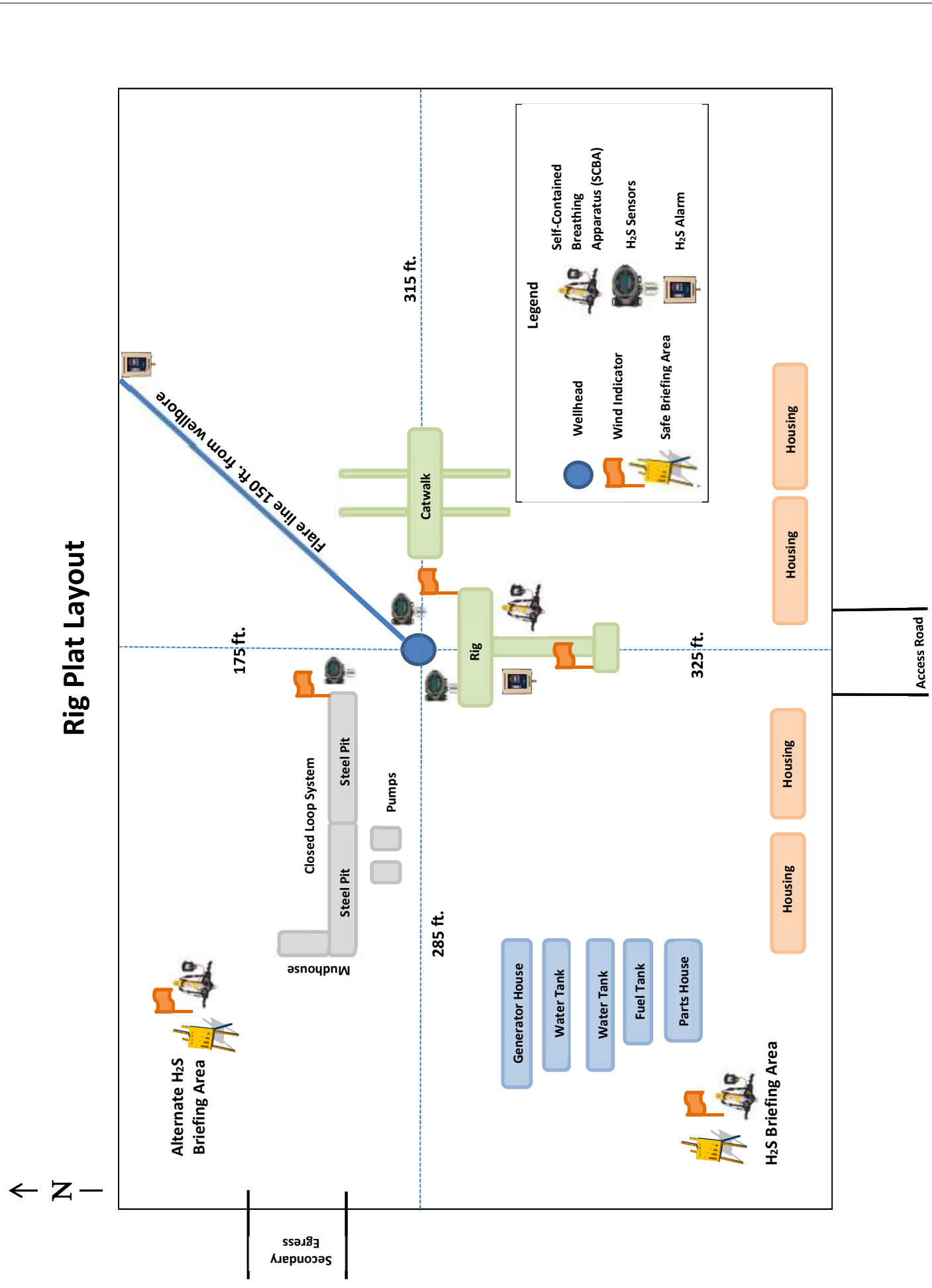


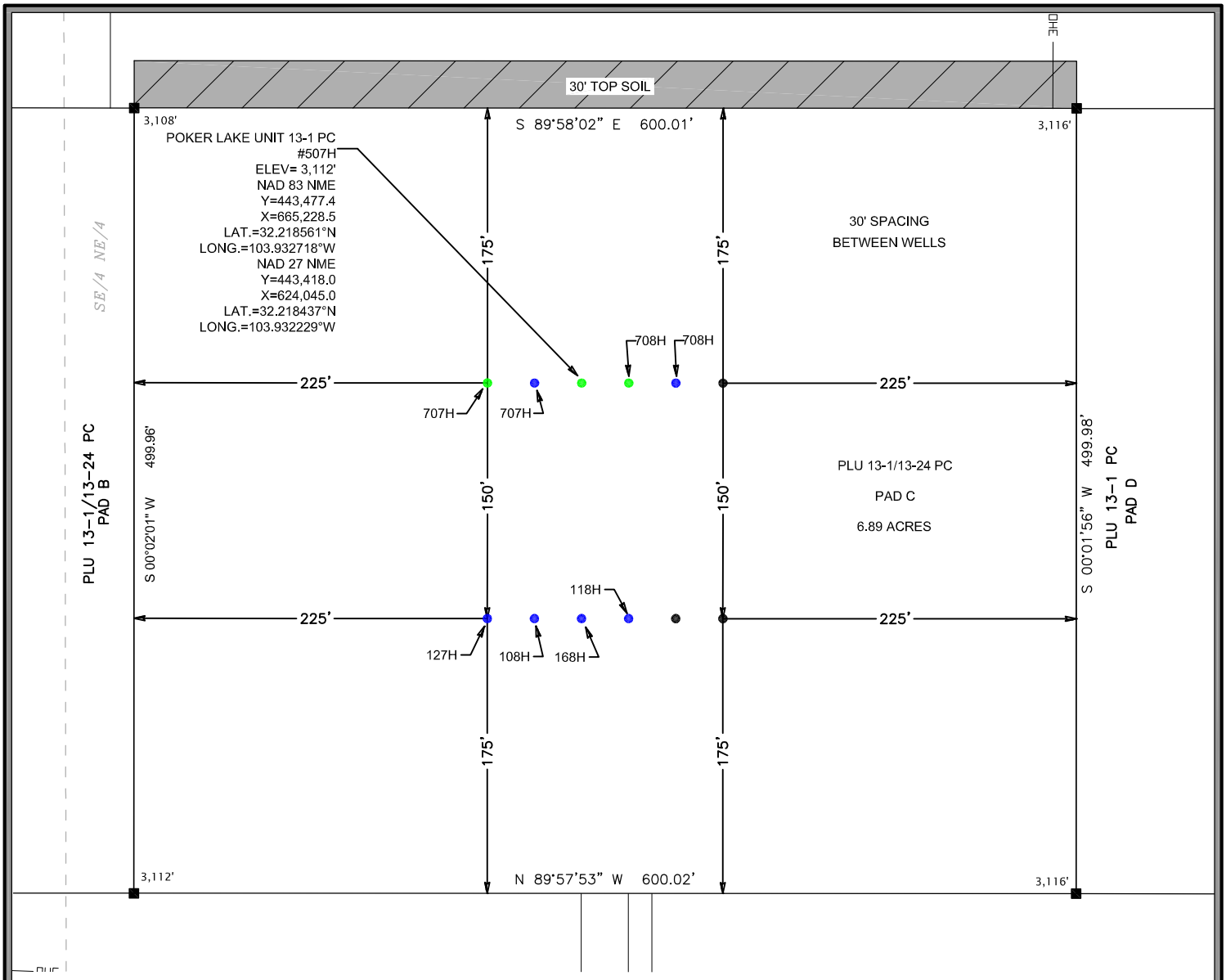
POKER LAKE UNIT 13-1 PC #507H
LOCATED 2,270 FEET FROM THE NORTH LINE AND 995 FEET FROM THE EAST LINE OF SECTION 13, TOWNSHIP 24 SOUTH, RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, NEW MEXICO

0 5,000' 10,000'
1" = 10,000 FEET

FSC INC
SURVEYORS+ENGINEERS
2821 West 7th Street., Suite 200 - Fort Worth, TX 76107
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPLS Firm 10193887
www.fscinc.net

DATE:	5-3-2024
DRAWN BY:	LM
CHECKED BY:	CH
FIELD CREW:	RE/RR
PROJECT NO:	2024030169
SCALE:	1"= 10,000'
SHEET:	2 OF 3
REVISION:	0


Rig Plat Layout
N
Secondary Egress
Alternate H2S Briefing Area
Mudhouse
Closed Loop System
Steel Pit
Steel Pit
Pumps
175 ft.
315 ft.
285 ft.
325 ft.
Flare line 150 ft. from wellbore
Catwalk
Rig
Legend
Wellhead
Wind Indicator
Safe Briefing Area
Self-Contained Breathing Apparatus (SCBA)
H2S Sensors
H2S Alarm
Housing
Housing
Housing
Housing
Generator House
Water Tank
Water Tank
Fuel Tank
Parts House
H2S Briefing Area
Access Road



LEGEND

- SECTION LINE
- EXISTING ROAD
- OHE — EXISTING ELECTRIC LINE
- FL — FL — EXISTING FLOW LINE
- EXISTING PAD
- TBD SURFACE HOLE LOCATION
- 13-24 PC SLOTTED WELL
- 13-1 PC SLOTTED WELL

SECTION 13

TOWNSHIP 24 SOUTH,
RANGE 29 EAST
NEW MEXICO PRINCIPAL MERIDIAN
OWNER: U.S.A.

0 50' 100'
1" = 100 FEET

DIRECTIONS TO THIS LOCATION:
FROM THE INTERSECTION OF MCDONALD ROAD AND LEASE ROAD TURN LEFT (WEST) AND GO 0.1 MILES. TURN RIGHT (NORTH) ONTO LEASE ROAD AND GO APPROX. 0.2 MILES. TURN LEFT (NORTH) AT THE "Y" AND GO APPROX. 0.4 MILES. TURN RIGHT (EAST) ONTO LEASE ROAD AND GO APPROX. 0.6 MILES. TURN LEFT (NORTHWEST) AT THE "Y" AND GO APPROX. 0.5 MILES. TURN RIGHT (NORTHEAST) AND GO APPROX. 0.5 MILES. TURN RIGHT (EAST) AT THE "Y" AND DRIVE 0.9 MILES. CONTINUE ON LEASE ROAD 0.2 MILES AND LOCATION IS TO THE NORTH.

NOTE:

1). SEE "TOPOGRAPHICAL AND ACCESS ROAD MAP" FOR EXISTING ROAD LOCATION

I, TIM C. PAPPAS, NEW MEXICO PROFESSIONAL SURVEYOR NO. 21209, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

6 MAY 2024

TIM C. PAPPAS
REGISTERED PROFESSIONAL LAND SURVEYOR
STATE OF NEW MEXICO NO. 21209

TIM C. PAPPAS NEW MEXICO 21209 PROFESSIONAL SURVEYOR

FSC INC
SURVEYORS+ENGINEERS
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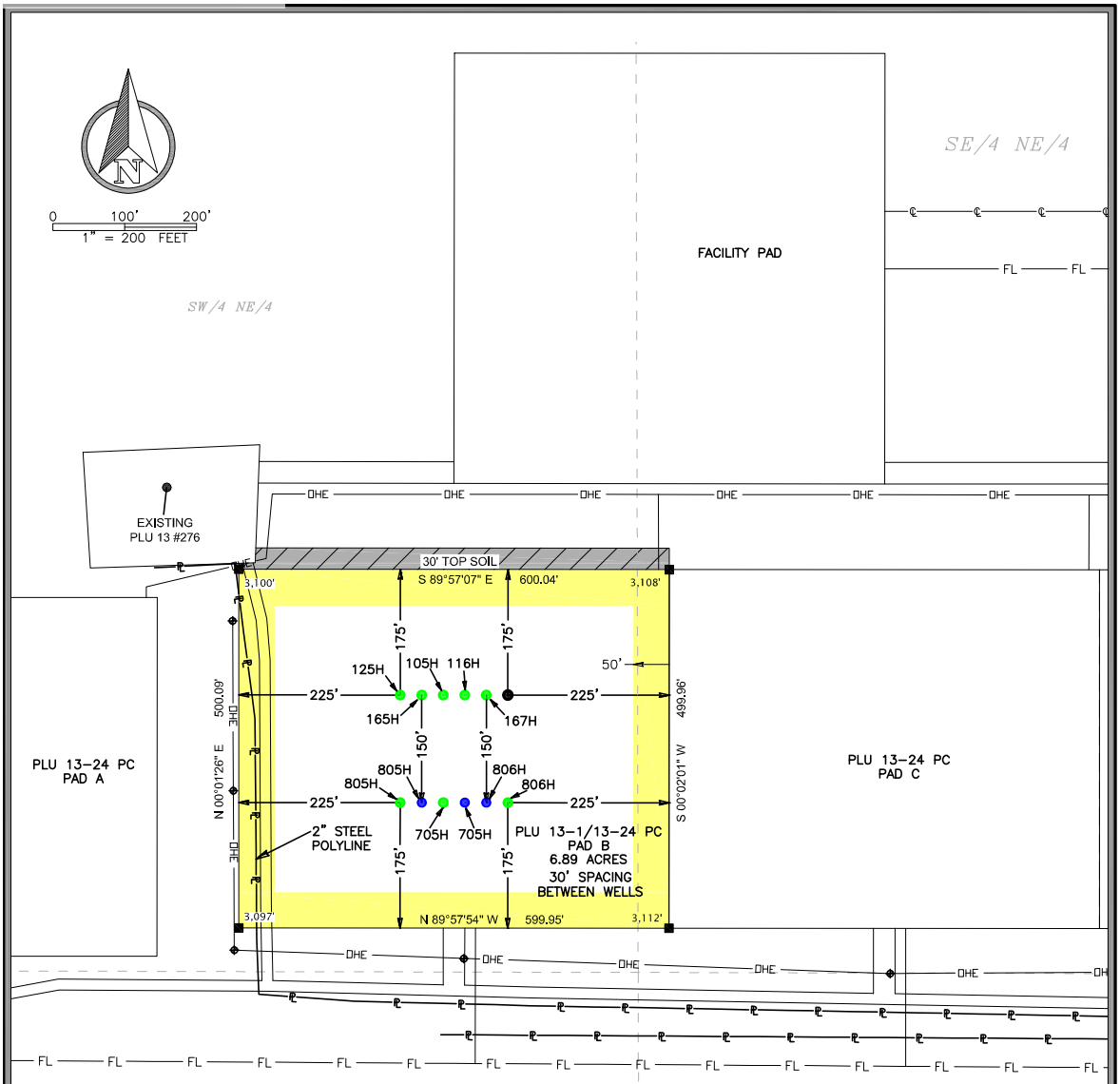
XTO PERMIAN OPERATING, LLC.

WELL SITE PLAN
PAD C

POKER LAKE UNIT 13-1 PC 507H
LOCATED 2,270 FEET FROM THE NORTH
LINE AND 995 FEET FROM THE EAST
LINE OF SECTION 13 TOWNSHIP 24
SOUTH, RANGE 29 EAST, N.M.P.M.
EDDY COUNTY, NEW MEXICO

DATE:	5-4-2024	PROJECT NO:	2024030169
DRAWN BY:	LM	SCALE:	1" = 100'
CHECKED BY:	CH	SHEET:	1 OF 3
FIELD CREW:	RE	REVISION:	0



SECTION 13

TOWNSHIP 24 SOUTH,
RANGE 29 EAST
NEW MEXICO PRINCIPAL
MERIDIAN
OWNER: U.S.A.

TIM C. PAPPAS
NEW MEXICO
21209
PROFESSIONAL SURVEYOR

GENERAL NOTES

1. ALL BEARINGS, DISTANCES, AND COORDINATE VALUES SHOWN HEREON ARE GRID VALUES AND ARE BASED ON THE NEW MEXICO STATE PLANE COORDINATE SYSTEM OF 1983 EAST ZONE 3001, U.S. SURVEY FEET.

LEGEND

- SECTION LINE
- EXISTING OVERHEAD ELECTRIC
- EXISTING ROAD
- EXISTING PIPELINE
- MSO CORRIDOR
- EXISTING PAD
- EXISTING BURIED AND SURFACE FLOWLINES
- TBD SURFACE HOLE LOCATION
- 13-24 SLOTTED WELLS
- 13-1 SLOTTED WELLS
- FOUND MONUMENT AS NOTED
- PROPOSED POWER POLE
- INTERIM RECLAMATION AREA

I, TIM C. PAPPAS, NEW MEXICO PROFESSIONAL SURVEYOR NO. 21209, DO HEREBY CERTIFY THAT THIS SURVEY PLAT AND THE ACTUAL SURVEY ON THE GROUND UPON WHICH IT IS BASED WERE PERFORMED BY ME OR UNDER MY DIRECT SUPERVISION; THAT I AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO, AND THAT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

29 Jan 2025

TIM C. PAPPAS
REGISTERED PROFESSIONAL LAND SURVEYOR
STATE OF NEW MEXICO NO. 21209

ACREAGE INFORMATION

INITIAL DISTURBED AREA	=6.887 ACRES
INTERIM RECLAMATION	=2.295 ACRES
TOTAL PAD ACREAGE AFTER IR	=4.592 ACRES

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www.fscinc.net

EXHIBIT OF:

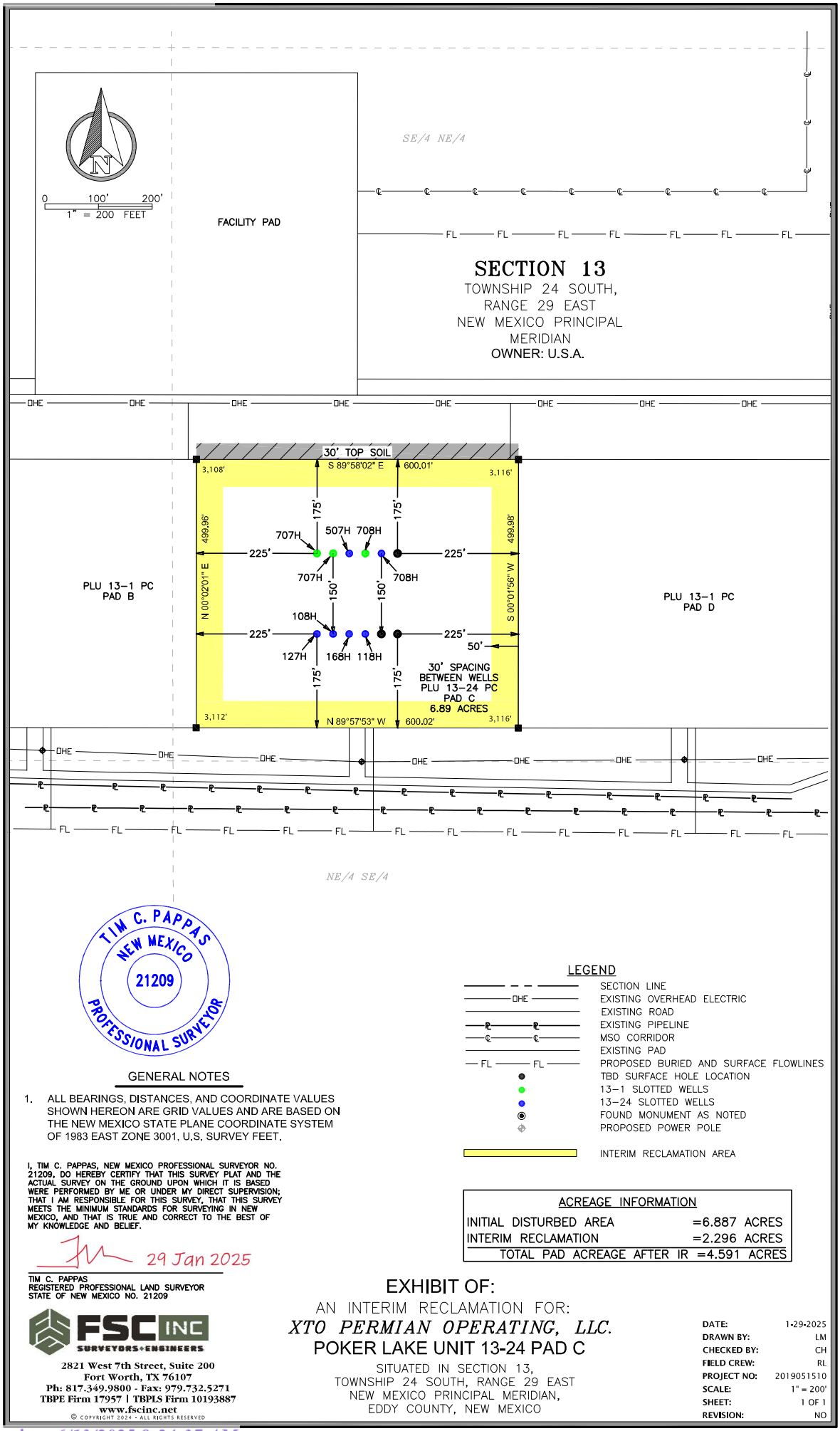
AN INTERIM RECLAMATION FOR:

XTO PERMIAN OPERATING, LLC.

POKER LAKE UNIT 13-1 PAD B

SITUATED IN SECTION 13,
TOWNSHIP 24 SOUTH, RANGE 29 EAST
NEW MEXICO PRINCIPAL MERIDIAN,
EDDY COUNTY, NEW MEXICO

DATE:	1-29-2025
DRAWN BY:	LM
CHECKED BY:	CH
FIELD CREW:	RL
PROJECT NO:	2019051510
SCALE:	1" = 200'
SHEET:	1 OF 1
REVISION:	NO



TIM C. PAPPAS
NEW MEXICO
21209
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29 Jan 2025

TIM C. PAPPAS
REGISTERED PROFESSIONAL LAND SURVEYOR
STATE OF NEW MEXICO NO. 21209

LEGEND

	SECTION LINE
OHE	EXISTING OVERHEAD ELECTRIC
	EXISTING ROAD
	EXISTING PIPELINE
	MSO CORRIDOR
	EXISTING PAD
FL FL	PROPOSED BURIED AND SURFACE FLOWLINES
	TBD SURFACE HOLE LOCATION
	13-1 SLOTTED WELLS
	13-24 SLOTTED WELLS
	FOUND MONUMENT AS NOTED
	PROPOSED POWER POLE
	INTERIM RECLAMATION AREA

ACREAGE INFORMATION

INITIAL DISTURBED AREA	=6.887 ACRES
INTERIM RECLAMATION	=2.296 ACRES
TOTAL PAD ACREAGE AFTER IR	=4.591 ACRES

EXHIBIT OF:

AN INTERIM RECLAMATION FOR:

XTO PERMIAN OPERATING, LLC.

POKER LAKE UNIT 13-24 PAD C

SITUATED IN SECTION 13,
TOWNSHIP 24 SOUTH, RANGE 29 EAST
NEW MEXICO PRINCIPAL MERIDIAN,
EDDY COUNTY, NEW MEXICO

FSC INC
SURVEYORS+ENGINEERS
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www.fscinc.net

DATE:	1-29-2025
DRAWN BY:	LM
CHECKED BY:	CH
FIELD CREW:	RL
PROJECT NO:	2019051510
SCALE:	1" = 200'
SHEET:	1 OF 1
REVISION:	NO

Name	SHL N/S Footage (ft)	SHL N/S Footage Line	SHL E/W Footage (ft)	SHL E/W Footage Line
Poker Lake Unit 13-1 Pierce Canyon 507H	2270	FNL	995	FEL
Poker Lake Unit 13-1 Pierce Canyon 705H	2420	FNL	1596	FEL
Poker Lake Unit 13-1 Pierce Canyon 707H	2270	FNL	1055	FEL
Poker Lake Unit 13-1 Pierce Canyon 708H	2270	FNL	965	FEL
Poker Lake Unit 13-1 Pierce Canyon 805H	2420	FNL	1656	FEL
Poker Lake Unit 13-1 Pierce Canyon 806H	2420	FNL	1506	FEL
Poker Lake Unit 13-24 Pierce Canyon 705H	2420	FNL	1566	FEL
Poker Lake Unit 13-24 Pierce Canyon 707H	2270	FNL	1025	FEL
Poker Lake Unit 13-24 Pierce Canyon 708H	2270	FNL	935	FEL
Poker Lake Unit 13-24 Pierce Canyon 805H	2420	FNL	1626	FEL
Poker Lake Unit 13-24 Pierce Canyon 806H	2420	FNL	1536	FEL

Surface Use Plan of Operations

A. The Surface Use Plan of Operations Must:

1. Access road will be existing roads to the Poker Lake Unit 13-24 and 13-1 PC well pads B and C as well as the CVB.
2. XTO Permian Operating LLC. Will provide for safe operations, adequate protection of surface resources, groundwater, and other environmental components.
3. Interim Reclamation will not be completed for the well pads as they are existing and no new surface disturbance will occur.
4. XTO Permian Operating LLC, will use the Gold Book standards for Best Management Practices.

Surface Use Plan

1 Existing Roads

i. ROM THE INTERSECTION OF MCDONALD ROAD AND LEASE ROAD TURN LEFT (WEST) AND GO 0.10 MILES. TURN RIGHT (NORTH) ONTO LEASE ROAD AND GO APPROX. 0.20 MILES. TURN LEFT (NORTH) AT THE "Y" AND GO APPROX. 0.40 MILES. TURN RIGHT (EAST) ONTO LEASE ROAD AND GO APPROX. 0.60 MILES. TURN LEFT (NORTHWEST) AT THE "Y" AND GO APPROX. 0.50 MILES. TURN RIGHT (NORTHEAST) AND GO APPROX. 0.50 MILES. TURN RIGHT (EAST) AT THE "Y" AND DRIVE 0.90 MILES. CONTINUE ON LEASE ROAD 0.2 MILES AND LOCATION IS TO THE NORTH.

2 New or Upgraded Access Roads: There are no new Access Roads being requested.

3 Location of Existing Wells

a. See attached 1-mile radius well map.

4 Location of existing and/or proposed production facilities.

a. Production Facilities.

i. **Facilities:** Production Facilities will be located on the existing Poker Lake Unit 13-24 PC CVB. The facility is located in Section 13-24S-29E, Eddy County, New Mexico and is 600'x 600'.

ii. **Flowlines**: No additional flowline will be requested.

iii. **Midstream Tie-in**: No additional disturbance will be requested for Midstream.

iv. **Aboveground Structures**. All permanent (on site six months or longer) aboveground structures constructed or installed on location and not subject to safety requirements will be painted earthtone colors such as 'shale green' that reduce the visual impacts of the built environment.

v. **Electrical**. All electrical lines are existing, and no new disturbance is being requested at this time.

5 Location and Types of Water Supply.

a. The wells will be drilled using a combination of water mud systems as outlined in the Drilling Program. The water will be obtained from a 3rd party vendor and hauled to the anticipated pit in Section 7 by transport truck using the existing and proposed roads depicted in the attached exhibits. No water well will be drilled on the location.

b. Water for drilling, completion and dust control will be purchased from the following company:

i. Rockhouse

c. Water for drilling, completion and dust control will be supplied by Texas Pacific Water Resources for sale to XTO Permian Operating, LLC. from Section 13, T17S-R33E, Lea County, New Mexico. In the event that Rockhouse does not have the appropriate water for XTO Permian Operating, LLC at time of drilling and completion, then XTO Permian Operating, LLC water will come from Intrepid Potash Company with the location of the water being in Section 6, T25S-R29E, Eddy County, New Mexico.

d. Anticipated water usage for drilling includes an estimated 35,000 barrels of water to drill a horizontal well in a combination of fresh water and brine as detailed in the mud program in the drilling plans. These volumes are calculated for ~1.5bbls per foot of hole drilled with excess to accommodate any lost circulation or wash out that may occur. Actual water volumes used during operations will depend on the depth of the well, length of horizontal sections, and the losses that may occur during the operation.

e. Temporary water flowlines will be permitted via ROW approval letter and proper grants as-needed based on drilling and completion schedules as needed. Well completion is expected to require approximately 300,000 barrels of water per horizontal well. Actual water volumes used during operations will depend on the depth of the well and length of horizontal sections.

6 Construction Materials.

a. Construction, reclamation, and/or routine maintenance will not be conducted during periods when the soil conditions for construction could lead to impacts to the surrounding environment, or when watershed damage is likely to occur as a result of these activities.

b. Any construction material that may be required for surfacing of the drill pad and access road will be from a contractor having a permitted source of materials within the general area. No construction materials will

be removed from federal lands without prior approval from the appropriate surface management agency. All roads and well pads will be constructed of 6" rolled and compacted caliche.

c. Anticipated Caliche Locations:

i. Pit 1: State operated by MEC, Section 32-T25S-R29E, SENE

ii. Pit 2: State operated by MEC, Section 11-T25S-R29E, SENW

7 Methods for Handling Waste

a. 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.

b. Drilling Fluids. Drilling fluids will be contained in steel mud pits and then taken to a NMOCD approved commercial disposal facility.

c. 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.

d. Sewage. Portable, self-contained toilets will be provided for human waste disposal. Upon completion of drilling and completion activities, or as required, the toilet holding tanks will be pumped and the contents thereof disposed of in an approved sewage disposal facility. All state and local laws and regulations pertaining to the disposal of human and solid waste will be complied with. This equipment will be properly maintained during the drilling and completion operations and will be removed when all operations are complete.

e. Garbage and Other Waste Materials. All garbage, junk and non-flammable waste materials will be contained in a self-contained, portable dumpster or trash cage, to prevent scattering and will be removed and deposited in an approve sanitary landfill. Immediately after drilling all debris and other waste materials on and around the well location not contained in the trash cage will be cleaned up and removed from the location. No potentially adverse materials or substances will be left on the location.

f. Debris. Immediately after removal of the drilling rig, all debris and other waste materials not contained in the trash cage will be cleaned and removed from the well location. No potential adverse materials or substances will be left on location.

g. Hazardous Materials.

i. All drilling wastes identified as hazardous substances by the Comprehensive Environmental Response Compensation Liability Act (CERCLA) removed from the location and not reused at another drilling location will be disposed of at a hazardous waste facility approved by the U.S. Environmental Protection Agency (EPA).

ii. XTO Permian Operating, L.P. and its contractors will comply with all applicable Federal, State and local laws and regulations, existing or hereafter enacted promulgated, with regard to any hazardous material, as defined in this paragraph, that will be used, produced, transported or stored on the oil and gas lease. "Hazardous material" means any substance, pollutant or contaminant that is listed as hazardous under the CERCLA of 1980, as amended, 42 U.S.C 9601 et seq., and its regulation. The definition of hazardous substances under CERLCA includes any 'hazardous waste" as defined in the RCRA of 1976, as amended, 42 U.S.C. 6901 et seq., and its regulations. The term hazardous material also includes any nuclear or nuclear by-product material as defined by the Atomic Energy Act of 1954, as amended, 42 U.C.S. 2011 et seq. The term does not include petroleum, including crude oil or any fraction thereof that is not otherwise specifically listed or designated as a hazardous substance under CERCLA Section 101 (14) U.S.C. 9601 (14) nor does the term include natural gas.

iii. No hazardous substances or wastes will be stored on the location after completion of the well.

iv. Chemicals brought to location will be on the Toxic Substance Control Act (TSCA) approved inventory list.

v. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in Notice to Lessees (NTL) 3A will be reported to the BLM Carlsbad Field Office. Major events will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days.

8 Ancillary facilities: None

9 Well Site Layout

1. **Well Pads**: Pad B is an existing well pad approximately 600'x500'. IR will not be conducted as there will be no new surface disturbance. Pad C is an existing well pad approximately 600'x500' IR will not be conducted as there will be no new surface disturbance.
2. All equipment and vehicles will be confined to the approved disturbed areas of this APD (i.e., access road, well pad and topsoil storage areas).
3. Well site layout is attached.

10 Plans for Surface Reclamation:

a. Interim reclamation will not be completed on the 2 well pads following drilling and completions

b. *Non-Commercial Well (Not Productive), Interim & Final Reclamation:*

i. *Definition:* Reclamation includes disturbed areas where the original landform and a natural vegetative community will be restored and it is anticipated the site will not be disturbed for future development.

c. *Reclamation Standards*:

i. The portions of the pad not essential to production facilities or space required for workover operations will be reclaimed and seeded as per BLM requirements for interim reclamation. (See Interim Reclamation plats attached).

i. All equipment and trash will be removed, and the surfacing material will be removed from the well pad and road and transported to the original caliche pit or used to maintain other roads. The location will then be ripped and seeded.

iii. 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

iv. 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.

v. 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.

vi. The site will be free of State-or County-listed noxious weeds, oil field debris and equipment, and contaminated soil. Invasive and non-native weeds will be controlled.

vii. Seeding:

1. Seedbed Preparation: 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. If the site is to be broadcast seeded, the surface will be left rough enough to trap seed and snow, control erosion, and increase water infiltration.
2. If broadcast seeding is to be used and is delayed, final seedbed preparation will consist of contour cultivating to a depth of 4-6 inches within 24 hours prior to seeding, dozer tracking, or other imprinting in order to break the soil crust and create seed germination micro-sites.
3. Seed Application. Seeding will be conducted no more than two weeks following completion of final seedbed preparation. A certified weed-free seed mix designed by the BLM to meet reclamation standards will be used.

viii. If the site is harrowed or dragged, seed will be covered by no more than 0.25 inch of soil.

11 Surface Ownership

a. 100% of the Poker Lake Unit PC 13 well pads under the administrative jurisdiction of the Bureau of Land Management.

b. The surface is multiple-use with the primary uses of the region for grazing and for the production of oil and gas.

12 Other Information

a. The XTO Permian Operating, LLC. representatives for ensuring compliance of the surface use plan are listed below:

Robert Bartels
Project Execution Planner
XTO Energy, Incorporated
6401 Holiday Hill Road, Bldg 5
Midland, Texas 79701
406-478-3617
Robert.e.bartels@exxonmobil.com

AFMSS

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

PWD Data Report
04/29/2025

APD ID: 10400099113 **Submission Date:** 06/21/2024

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 13-1 PC **Well Number:** 507H

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

Section 1 - General

Would you like to address long-term produced water disposal? NO

Section 2 - Lined

Would you like to utilize Lined Pit PWD options? N

Produced Water Disposal (PWD) Location:

PWD surface owner: **PWD disturbance (acres):**

Lined pit PWD on or off channel:

Lined pit PWD discharge volume (bbl/day):

Lined pit

Pit liner description:

Pit liner manufacturers

Precipitated solids disposal:

Decribe precipitated solids disposal:

Precipitated solids disposal

Lined pit precipitated solids disposal schedule:

Lined pit precipitated solids disposal schedule

Lined pit reclamation description:

Lined pit reclamation

Leak detection system description:

Leak detection system

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 13-1 PC **Well Number:** 507H

Lined pit Monitor description:

Lined pit Monitor

Lined pit: do you have a reclamation bond for the pit?

Is the reclamation bond a rider under the BLM bond?

Lined pit bond number:

Lined pit bond amount:

Additional bond information

Section 3 - Unlined

Would you like to utilize Unlined Pit PWD options? N

Produced Water Disposal (PWD) Location:

PWD disturbance (acres): **PWD surface owner:**

Unlined pit PWD on or off channel:

Unlined pit PWD discharge volume (bbl/day):

Unlined pit

Precipitated solids disposal:

Decribe precipitated solids disposal:

Precipitated solids disposal

Unlined pit precipitated solids disposal schedule:

Unlined pit precipitated solids disposal schedule

Unlined pit reclamation description:

Unlined pit reclamation

Unlined pit Monitor description:

Unlined pit Monitor

Do you propose to put the produced water to beneficial use?

Beneficial use user

Estimated depth of the shallowest aquifer (feet):

Does the produced water have an annual average Total Dissolved Solids (TDS) concentration equal to or less than that of the existing water to be protected?

TDS lab results:

Geologic and hydrologic

State

Unlined Produced Water Pit Estimated

Unlined pit: do you have a reclamation bond for the pit?

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 13-1 PC **Well Number:** 507H

Is the reclamation bond a rider under the BLM bond?

Unlined pit bond number:

Unlined pit bond amount:

Additional bond information

Section 4 -

Would you like to utilize Injection PWD options? N

Produced Water Disposal (PWD) Location:

PWD surface owner: **PWD disturbance (acres):**

Injection PWD discharge volume (bbl/day):

Injection well mineral owner:

Injection well type:

Injection well number: **Injection well name:**

Assigned injection well API number? **Injection well API number:**

Injection well new surface disturbance (acres):

Minerals protection information:

Mineral protection

Underground Injection Control (UIC) Permit?

UIC Permit

Section 5 - Surface

Would you like to utilize Surface Discharge PWD options? N

Produced Water Disposal (PWD) Location:

PWD surface owner: **PWD disturbance (acres):**

Surface discharge PWD discharge volume (bbl/day):

Surface Discharge NPDES Permit?

Surface Discharge NPDES Permit attachment:

Surface Discharge site facilities information:

Surface discharge site facilities map:

Section 6 -

Would you like to utilize Other PWD options? N

Produced Water Disposal (PWD) Location:

PWD surface owner: **PWD disturbance (acres):**

Other PWD discharge volume (bbl/day):

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 13-1 PC **Well Number:** 507H

Other PWD type description:

Other PWD type

Have other regulatory requirements been met?

Other regulatory requirements

AFMSS

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

Bond Info Data

04/29/2025

APD ID: 10400099113

Submission Date: 06/21/2024

Operator Name: XTO PERMIAN OPERATING LLC

Well Name: POKER LAKE UNIT 13-1 PC

Well Number: 507H

Well Type: OIL WELL

Well Work Type: Drill

Highlighted data reflects the most recent changes

Show Final Text

Bond

Federal/Indian APD: FED

BLM Bond number: COB000050

BIA Bond number:

Do you have a reclamation bond? NO

Is the reclamation bond a rider under the BLM bond?

Is the reclamation bond BLM or Forest Service?

BLM reclamation bond number:

Forest Service reclamation bond number:

Forest Service reclamation bond attachment:

Reclamation bond amount:

Reclamation bond rider amount:

Additional reclamation bond information attachment:

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

General Information
Phone: (505) 629-6116

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

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

CONDITIONS

Action 456779

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 456779
	Action Type: [C-101] BLM - Federal/Indian Land Lease (Form 3160-3)

CONDITIONS

Created By	Condition	Condition Date
mvenkatesh	Cement is required to circulate on both surface and intermediate1 strings of casing.	4/29/2025
mvenkatesh	If cement does not circulate on any string, a Cement Bond Log (CBL) is required for that string of casing.	4/29/2025
ward.rikala	Notify the OCD 24 hours prior to casing & cement.	6/13/2025
ward.rikala	File As Drilled C-102 and a directional Survey with C-104 completion packet.	6/13/2025
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.	6/13/2025
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.	6/13/2025