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

Sundry Print Report

08/01/2025

Well Name: POKER LAKE UNIT 22 DTD

Well Location: T24S / R30E / SEC 22 / NENW / 32.209981 / -103.871036

County or Parish/State: EDDY / NM

Well Number: 104H

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMLC068905

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001549859

Operator: XTO PERMIAN OPERATING LLC

Notice of Intent

Sundry ID: 2862998

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 07/14/2025

Time Sundry Submitted: 08:55

Date proposed operation will begin: 07/14/2025

Procedure Description: Effective Date: 1/1/23 XTO Permian Operating LLC respectfully requests to make the following changes for well file cleanup: BLM previously approved sundry Id #2824114, OCD previously approved sundry Id #443218, dedicated acres. BLM previously approved sundry Id #2703114, OCD previously approved sundry Id #176097, with drill plan. TD: f/ 27523' MD / 11410' TVD t/ 27941’ MD/ 11398.8’ TVD FTP: f/ 100’ FSL 2090’ FWL t/ 500’ FNL 2090’ FWL Sec 22, 24S 30E; Lease NMLC068431 Adding NSP Order # 2301 to C102 Attachments: Updated drilling plan and directional surveys. Updated C-102 on new form. No new surface disturbance.

NOI Attachments

Procedure Description

POKER_LAKE_UNIT_22_DTD_104H_C_102_FINAL_11_20_2024_20250714085438.pdf

Poker_Lake_Unit_22_DTD_104H_Post_Execution_Drilling_Template___RC__DJ__June_16__2025071408543 6.pdf

Well Name: POKER LAKE UNIT 22 DTD

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Allottee or Tribe Name:

Lease Number: NMLC068905

Unit or CA Name:

Unit or CA Number:

US Well Number: 3001549859

Operator: XTO PERMIAN OPERATING LLC

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: LACEY GRANILLO

Signed on: JUL 16, 2025 01:31 PM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 HOLIDAY HILL ROAD

City: MIDLAND **State:** TX

Phone: (432) 894-0057

Email address: LACEY.GRANILLO@EXXONMOBIL.COM

Field

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752342234

BLM POC Email Address: cwalls@blm.gov

Disposition: Accepted

Disposition Date: 07/31/2025

Signature: Chris Walls

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE *- Other instructions on page 2*

5. Lease Serial No. NMLC068905

6. If Indian, Allottee or Tribe Name

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

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

8. Well Name and No.
POKER LAKE UNIT 22 DTD/104H

2. Name of Operator XTO PERMIAN OPERATING LLC

9. API Well No. 3001549859

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

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

10. Field and Pool or Exploratory Area
Jennings/WOLFCAMP

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

11. Country or Parish, State
EDDY/NM

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

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

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

Effective Date: 1/1/23
XTO Permian Operating LLC respectfully requests to make the following changes for well file cleanup:
BLM previously approved sundry Id #2824114, OCD previously approved sundry Id #443218, dedicated acres.
BLM previously approved sundry Id #2703114, OCD previously approved sundry Id #176097, with drill plan.
TD: f/ 27523' MD / 11410' TVD t/ 27941 MD/ 11398.8 TVD
FTP: f/ 100 FSL 2090 FWL t/ 500 FNL 2090 FWL Sec 22, 24S 30E; Lease NMLC068431
Adding NSP Order # 2301 to C102
Attachments: Updated drilling plan and directional surveys. Updated C-102 on new form. No new surface disturbance.

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
LACEY GRANILLO / Ph: (432) 894-0057

Title Regulatory Analyst

Signature (Electronic Submission)

Date 07/16/2025

THE SPACE FOR FEDERAL OR STATE OFICE USE

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

Title Petroleum Engineer

Date 07/31/2025

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

Office CARLSBAD

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

(Instructions on page 2)

GENERAL INSTRUCTIONS

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

SPECIFIC INSTRUCTIONS

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

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

NOTICES

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

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

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

Additional Information

Location of Well

0. SHL: NENW / 203 FNL / 2026 FWL / TWSP: 24S / RANGE: 30E / SECTION: 22 / LAT: 32.209981 / LONG: -103.871036 (TVD: 0 feet, MD: 0 feet)

PPP: SESW / 100 FSL / 2090 FWL / TWSP: 24S / RANGE: 30E / SECTION: 15 / LAT: 32.210814 / LONG: -103.871065 (TVD: 11138 feet, MD: 11469 feet)

PPP: SENW / 100 FSL / 1577 FWL / TWSP: 24S / RANGE: 30E / SECTION: 15 / LAT: 32.210805 / LONG: -103.872488 (TVD: 11191 feet, MD: 14109 feet)

PPP: SESW / 300 FNL / 313 FWL / TWSP: 24S / RANGE: 30E / SECTION: 10 / LAT: 32.253158 / LONG: -103.876545 (TVD: 11191 feet, MD: 16749 feet)

BHL: LOT 3 / 50 FNL / 2090 FWL / TWSP: 24S / RANGE: 30E / SECTION: 3 / LAT: 32.253531 / LONG: -103.870851 (TVD: 11191 feet, MD: 27009 feet)

C-102 Sumbit electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONVERSION DIVISION	Revised July, 09 2024
		Submittal Type: ☐ Initial Submittal ☒ Amended Report ☐ As Drilled

WELL LOCATION INFORMATION

API Number	Pool Code	Pool Name
30-015-49859	98220	PURPLE SAGE; WOLFCAMP (GAS)

Property Code	Property Name	Well Number
	POKER LAKE UNIT 22 DTD	104H

OGRID No.	Operator Name	Ground Level Elevation
373075	XTO PERMIAN OPERATING, LLC.	3,428'

Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal

Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal

Surface Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	22	24S	30E		203 FNL	2,026 FWL	32.209981	-103.871036	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	3	24S	30E	3	50 FNL	2,090 FWL	32.253938	-103.870798	EDDY

Dedicated Acres	Infill or Defining Well	Defining Well API	Overlapping Spacing Unit (Y/N)	Consolidation Code
2,081.88	INFILL	30-015-49877	N	U

Order Numbers. NSP - 2301

Well Setbacks are under Common Ownership: ☒ Yes ☐ No

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	22	24S	30E		203 FNL	2,026 FWL	32.209981	-103.871036	EDDY

First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
C	22	24S	30E		500 FNL	2,090 FWL	32.209166	-103.870830	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	3	24S	30E	3	100 FNL	2,090 FWL	32.253800	-103.870798	EDDY

Unitized Area of Area of Interest	Spacing Unit Type : ☒ Horizontal ☐ Vertical	Ground Elevation
		3,428'

OPERATOR CERTIFICATIONS

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this at this location pursuant to a contract with an owner of a working interest or unleased mineral interest, or a voluntary pooling agreement or a compulsory pooling order of 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 information) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.

Signature — Date: 11/22/2024

Manoj Venkatesh
Printed Name

manoj.venkatesh@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

MARK DILLON HARP NEW MEXICO 23786 PROFESSIONAL SURVEYOR

Signature and Seal of Professional Surveyor

MARK DILLON HARP 23786
Certificate Number

11/20/2024
Date of Survey

KT

618.013003.08-73

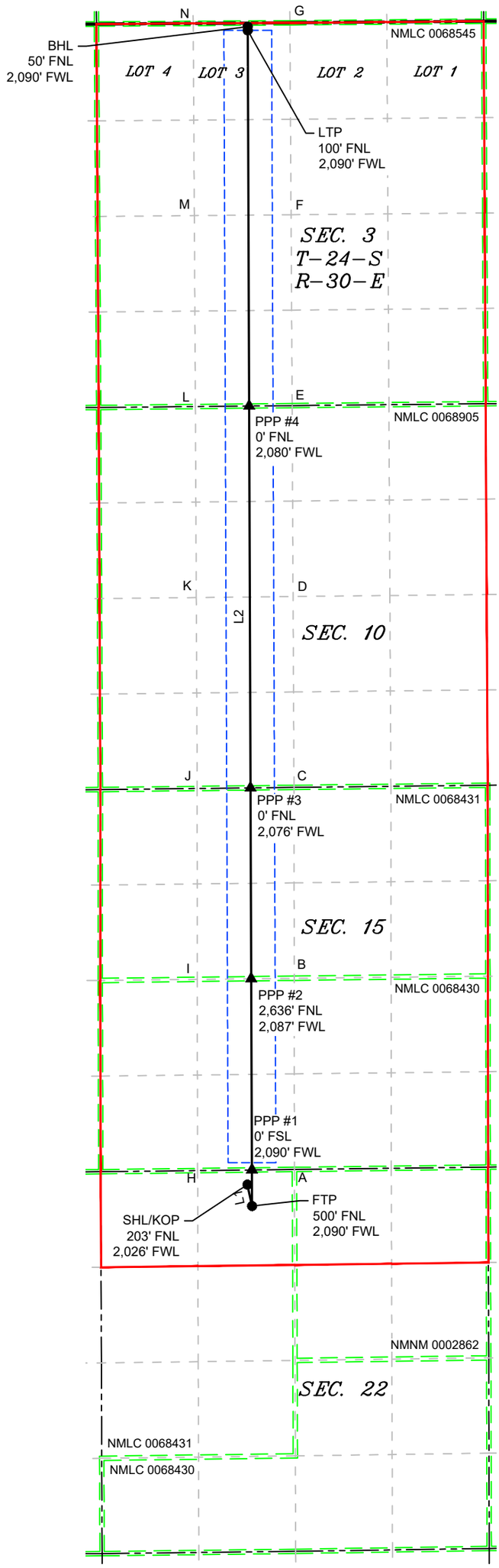
Note: No allowable will be assigned to this completion until all interest have been consolidated or a non-standard unit has been approved by the division.

P:\618.013 XTO Energy - NM\003 Poker Lake Unit\08 - PLU 22 DTD - EDDY\Wells\-73 - PLU 22 DTD - 104H\DWG\104H C-102.dwg

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or larger area, over this grid. Operators must outline the dedicated acreage in a red box, clearly show the well surface location and bottom hole location, if it is a 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 then the First Take Point and Last Take Point) that is closest to any outer boundary of the tract.

Surveyor 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 in not surveyed, contact the OCD Engineering Bureau. Independent subdivision surveys will not be acceptable.



LEGEND

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

LOT ACREAGE TABLE

SECTION 3
T-24-S R-30-E
LOT 1 = 40.42 ACRES
LOT 2 = 40.45 ACRES
LOT 3 = 40.49 ACRES
LOT 4 = 40.52 ACRES

LINE TABLE		
LINE	AZIMUTH	LENGTH
L1	167°37'49"	303.30'
L2	359°47'14"	16,287.65'

COORDINATE TABLE

SHL/KOP (NAD 83 NME)			SHL/KOP (NAD 27 NME)		
Y =	440,432.6	N	Y =	440,373.6	N
X =	684,317.3	E	X =	643,133.6	E
LAT. =	32.209981	°N	LAT. =	32.209857	°N
LONG. =	103.871036	°W	LONG. =	103.870549	°W
FTP (NAD 83 NME)			**FTP (NAD 27 NME)**		
Y =	440,136.4	N	Y =	440,077.3	N
X =	684,382.2	E	X =	643,198.5	E
LAT. =	32.209166	°N	LAT. =	32.209042	°N
LONG. =	103.870830	°W	LONG. =	103.870343	°W
PPP #1 (NAD 83 NME)			**PPP #1 (NAD 27 NME)**		
Y =	440,636.3	N	Y =	440,577.3	N
X =	684,380.4	E	X =	643,196.7	E
LAT. =	32.210540	°N	LAT. =	32.210416	°N
LONG. =	103.870829	°W	LONG. =	103.870342	°W
PPP #2 (NAD 83 NME)			**PPP #2 (NAD 27 NME)**		
Y =	443,275.9	N	Y =	443,216.8	N
X =	684,370.6	E	X =	643,187.0	E
LAT. =	32.217796	°N	LAT. =	32.217672	°N
LONG. =	103.870824	°W	LONG. =	103.870337	°W
PPP #3 (NAD 83 NME)			**PPP #3 (NAD 27 NME)**		
Y =	445,912.3	N	Y =	445,853.1	N
X =	684,360.9	E	X =	643,177.4	E
LAT. =	32.225043	°N	LAT. =	32.224919	°N
LONG. =	103.870819	°W	LONG. =	103.870331	°W
PPP #4 (NAD 83 NME)			**PPP #4 (NAD 27 NME)**		
Y =	451,185.7	N	Y =	451,126.3	N
X =	684,341.4	E	X =	643,158.1	E
LAT. =	32.239539	°N	LAT. =	32.239415	°N
LONG. =	103.870808	°W	LONG. =	103.870320	°W
LTP (NAD 83 NME)			**LTP (NAD 27 NME)**		
Y =	456,373.7	N	Y =	456,314.2	N
X =	684,322.2	E	X =	643,139.1	E
LAT. =	32.253800	°N	LAT. =	32.253676	°N
LONG. =	103.870798	°W	LONG. =	103.870309	°W
BHL (NAD 83 NME)			**BHL (NAD 27 NME)**		
Y =	456,423.9	N	Y =	456,364.4	N
X =	684,322.0	E	X =	643,138.9	E
LAT. =	32.253938	°N	LAT. =	32.253814	°N
LONG. =	103.870798	°W	LONG. =	103.870309	°W
CORNER COORDINATES (NAD 83 NME)					
A - Y =	440,643.4	N	A - X =	684,967.0	E
B - Y =	443,283.9	N	B - X =	684,964.0	E
C - Y =	445,919.0	N	C - X =	684,961.1	E
D - Y =	448,555.1	N	D - X =	684,948.3	E
E - Y =	451,191.5	N	E - X =	684,935.6	E
F - Y =	453,827.3	N	F - X =	684,920.4	E
G - Y =	456,477.6	N	G - X =	684,905.1	E
H - Y =	440,627.5	N	H - X =	683,628.8	E
I - Y =	443,268.4	N	I - X =	683,623.8	E
J - Y =	445,903.9	N	J - X =	683,623.0	E
K - Y =	448,540.9	N	K - X =	683,611.0	E
L - Y =	451,178.3	N	L - X =	683,598.6	E
M - Y =	453,815.2	N	M - X =	683,583.6	E
N - Y =	456,469.0	N	N - X =	683,568.4	E
CORNER COORDINATES (NAD 27 NME)					
A - Y =	440,584.3	N	A - X =	643,783.3	E
B - Y =	443,224.8	N	B - X =	643,780.4	E
C - Y =	445,859.8	N	C - X =	643,777.5	E
D - Y =	448,495.9	N	D - X =	643,764.9	E
E - Y =	451,132.1	N	E - X =	643,752.2	E
F - Y =	453,767.9	N	F - X =	643,737.2	E
G - Y =	456,418.1	N	G - X =	643,722.0	E
H - Y =	440,568.4	N	H - X =	642,445.1	E
I - Y =	443,209.2	N	I - X =	642,440.2	E
J - Y =	445,844.7	N	J - X =	642,439.5	E
K - Y =	448,481.7	N	K - X =	642,427.6	E
L - Y =	451,118.9	N	L - X =	642,415.3	E
M - Y =	453,755.8	N	M - X =	642,400.3	E
N - Y =	456,469.5	N	N - X =	642,385.3	E

KT 618.013003.08-73

\618.013 XTO Energy - NM\003 Poker Lake Unit\.08 - PLU 22 DTD - EDDY\Wells\-73 - PLU 22 DTD - 104H\DWG\104H C-102.dwg

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

ExxonMobil
Poker Lake Unit 22 DTD 104H
TD 27941 MD / 11398.8 TVD
SHL: 203' FNL & 2026' FWL , Section 22, T24S, R30E
BHL: 50' FNL & 2090' FWL , Section 3, T24S, R30E
Eddy County, NM

1. Geologic Name of Surface Formation

A. Quaternary

2. Estimated Tops of Geological Markers & Depths of Anticipated Fresh Water, Oil or Gas

Formation	Well Depth (TVD)	Water/Oil/Gas
RSLR	1123	Water
SLDO	1492	Water
SALT_B	3761	Water
DLWR	3983	Water/Oil/Gas
CRCN	4900	Water/Oil/Gas
BSPG_LM	7776	Water/Oil/Gas
AVLN	7895	Water/Oil/Gas
BSPG1_LM	8512	Water/Oil/Gas
BSPG2_SH	9018	Water/Oil/Gas
BSPG2_LM	9116	Water/Oil/Gas
BSPG2_SS	9507	Water/Oil/Gas
BSPG2_TB	9708	Water/Oil/Gas
BSPG3_LM	9883	Water/Oil/Gas
BSPG3_SH	10251	Water/Oil/Gas
BSPG3_SS	10692	Water/Oil/Gas
BSPG3_Red_Hills	10945	Water/Oil/Gas
WFMP	11043	Water/Oil/Gas
WFMP_X	11063	Water/Oil/Gas
WFMP_Y	11151	Water/Oil/Gas
WFMP_A	11198	Water/Oil/Gas
Landing	11402'	Water/Oil/Gas

	INC °	Azimuth °	TVD (ft)	Y offset (ft)	X offset (ft)
SHL	0.00	0.00	0.00	440373.40	643133.40
KOP	0.32	224.61	10542.81	439539.45	643076.18
LP	90.81	3.59	11402.10	440517.00	643153.98
FTP	45.84	359.38	11134.74	439838.00	643090.00
LTP	90.38	359.29	11399.94	456146.05	643160.70
BHL	90.12	1.96	11398.80	456408.64	643163.36

3. Primary Casing Design

Primary Design:

Hole Size (in.)	MD	Casing TVD	OD Csg	Weight	Grade	Collar	New/Used	SF Burst	SF Collapse	SF Tension
12.25"	0' – 1009'	1009'	9-5/8"	40	J55	BTC	New	1.32	7.18	19.91
8.75"	0' – 3713.7'	3713.7'	7-5/8"	29.7	P-110	Liberty FJM	New	2.19	2.65	1.79
8.75"	3713.7' – 10555'	10555'	7-5/8"	29.7	HCL-80	Liberty FJM	New	1.6	1.91	2.10
6.75"	0' – 9540.3'	9540.3'	5-1/2"	26	P-110/P110RY	Freedom HTQ	New	1.21	2.34	1.7
6.75"	9540.3' – 27931	9540.3'	5-1/2"	23	P-110RY	Talon HTQ	New	1.21	2.13	1.82

Wellhead:

A multi-bowl wellhead system will be utilized.The well design chosen is: 3-String Slim / Non-Potash

Wellhead will be installed by manufacturer's representatives.

Manufacturer will monitor welding process to ensure appropriate temperature of seal.

4. Cement Program

Primary Cementing

Hole Section	Slurry Type	No. Sacks	Density (ppg)	Yield (ft3/sack)	TOC (ft)	Casing Setting Depth (MD)	Excess (%)	Slurry Description
Surface 1	Lead							
Surface 1	Tail	615	14.8	1.33	0	1,009	150%	Surface 1 Class C Tail Cement
Intermediate 1	Lead							
Intermediate 1	Tail	515	15.6	1.19	4581	10,555	50%	Intermediate 1 Class H Tail Cement
Production 1	Lead							
Production 1	Tail	1255	13.2	1.43	9960	27,931	25%	Production 1 Class 35/65 Poz H Cement

Remedial Cementing

Casing	Slurry Type	No. Sacks	Density (ppg)	Yield (ft3/sack)	Cemented Interval	Excess (%)	Slurry Description
Intermediate 1	Squeeze	550	14	1.77	0' - 4581'	50%	Intermediate Class C Squeeze Cement

5. Pressure Control Equipment

Section 5 Summary:

Once the permanent WH is installed on the casing, the blow out preventer equipment (BOP) will consist of a minimum 5M Hydril and a minimum 10M triple Ram BOP.

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

Requested Variances

4A) Offline Cementing Variance
XOM 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. XOM 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. Offline cement operations will then be conducted after the rig is moved off the current well to the next well in the batch sequence. The TA cap will also be installed when applicable per wellhead manufacturer's procedure and pressure inside the casing will be monitored via the valve on the TA cap as per standard batch drilling ops.

5A) Break Test Variance
A break testing variance is requested to ONLY test broken pressure seals on the BOP equipment when moving from wellhead to wellhead for the intermediate hole sections which is in compliance with API Standard 53. The maximum anticipated surface pressure is less than 4800psi and the deepest intermediate casing point does not penetrate the Wolfcamp Formation.

5B) Flex Hose Variance
A variance is requested to allow use of a flex hose as the choke line from the BOP to the Choke Manifold. If this hose is used, a copy of the manufacturer's certification and pressure test chart will be kept on the rig. Attached is an example of a certification and pressure test chart. The manufacturer does not require anchors.

8A) Open Hole Logging Variance
Open hole logging will not be done on this well.

10A) Spudder Rig Variance
XOM requests the option to utilize a spudder rig (Atlas Copco RD20 or Equivalent) to set and cement surface casing.

10B) Batch Drilling Variance
XOM requests a variance to be able to batch drill this well. In doing so, XOM will set casing and ensure that the well is cemented properly (unless approval is given for offline cementing) and the well is static. XOM will contact the BLM to skid the rig to drill the remaining wells on the pad. Once surface and intermediate strings are all completed, XOM will begin drilling the production hole on each of the wells.

6. Mud Circulation System

INTERVAL	Hole Size	Mud Type	MW (ppg)	Viscosity (sec/qt)	Fluid Loss (cc)	Comments
0'-1009'	12.25"	Fresh Water	8.7-8.1	27-50	NC	Fresh Water
1009'-10555'	8.75"	Brine / Brine-Diesel Emulsion	8.1-11.3	35-64	NC	Fluid type will be based upon on well conditions. A fully saturated system will be used across the salt interval.
10555'-27931'	6.75"	Invert/Oil Base	11.3-11.6	67-83	NC - 20	

Section 6 Summary:

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

Pump viscous sweeps as needed for hole cleaning. Pump speed will be recorded on a daily drilling report after mudding up. An EDR (Electronic Drilling Recorder) will be used to detect changes in loss or gain of mud volume. A mud test will be performed every 24 hours to determine: density, viscosity, strength, filtration and pH as necessary. Use available solids controls equipment to help keep mud weight down after mud up. Rig up solids control equipment to operate as a closed loop system.

7. Auxiliary Well Control and Monitoring Equipment

Section 7 Summary:

A Kelly cock will be in the drill string at all times.

A full opening drill pipe stabbing valve having appropriate connections will be on the rig floor at all times.

H2S monitors will be on location when drilling below the 9-5/8" casing.

8. Logging, Coring and Testing Program

Section 8 Summary:

Open hole logging will not be done on this well.

9. Abnormal Pressures and Temperatures / Potential Hazards

Section 9 Summary:

The estimated bottom hole temperature of 75F to 95F. No H2S is expected but monitors will be in place to detect any H2S occurrences. Should these circumstances be encountered the operator and drilling contractor are prepared to take all necessary steps to ensure safety of all personnel and environment. Lost circulation is possible throughout the well.

10. Anticipated Starting Date and Duration of Operations

Section 10 Summary:

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

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CONDITIONS

Action 491244

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 491244
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	None	8/29/2025