

Well Name: POKER LAKE UNIT 22 DTD	Well Location: T24S / R30E / SEC 22 / NWNW / 32.207468 / -103.875731	County or Parish/State: EDDY / NM
Well Number: 151H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMLC068905	Unit or CA Name: POKER LAKE UNIT	Unit or CA Number: NMNM71016X
US Well Number: 3001549869	Operator: XTO PERMIAN OPERATING LLC	

Notice of Intent

Sundry ID: 2863011

Type of Submission: Notice of Intent	Type of Action: APD Change
Date Sundry Submitted: 07/14/2025	Time Sundry Submitted: 09:06
Date proposed operation will begin: 07/14/2025	

Procedure Description: Effective Date: 2/1/23 XTO Permian Operating LLC respectfully requests to make the following changes for well file cleanup: BLM previously approved sundry Id #2824124. Dedicated acres: f/ 961.04 t/ 2081.88 TD: f/ 26965' MD / 11348' TVD t/ 27680' MD/ 11297.7' TVD FTP: f/ 100' FSL 330' FWL t/ 100' FSL 330' FWL Sec 22, 24S 30E; Lease NMLC068430 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_151H_20250714090610.pdf

Poker_Lake_Unit_22_DTD_151H_Post_Execution_Drilling_Template___RC___DJ___June_16___20250714090609.pdf

Received by OCD: 8/1/2025 9:31:30 AM

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Lease Number: NMLC068905	Unit or CA Name: POKER LAKE UNIT	Unit or CA Number: NMNM71016X
US Well Number: 3001549869	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 01:32 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 <i>Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.</i>		5. Lease Serial No. NMLC068905
		6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2		7. If Unit of CA/Agreement, Name and/or No. POKER LAKE UNIT/NMNM71016X
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	8. Well Name and No. POKER LAKE UNIT 22 DTD/151H	
2. Name of Operator XTO PERMIAN OPERATING LLC	9. API Well No. 3001549869	
3a. Address 6401 HOLIDAY HILL ROAD BLDG 5, MIDLAND,	3b. Phone No. (include area code) (432) 683-2277	10. Field and Pool or Exploratory Area PURPLE SAGE/WOLFCAMP
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			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input checked="" type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> 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 recompleate 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 recompleation 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: 2/1/23

XTO Permian Operating LLC respectfully requests to make the following changes for well file cleanup:

BLM previously approved sundry Id #2824124.

Dedicated acres: f/ 961.04 t/ 2081.88

TD: f/ 26965' MD / 11348' TVD t/ 27680 MD/ 11297.7 TVD

FTP: f/ 100 FSL 330 FWL t/ 100 FSL 330 FWL Sec 22, 24S 30E; Lease NMLC068430

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 OFFICE 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 of this form to U.S. Department of the Interior, Bureau of Land 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: NWNW / 1106 FNL / 575 FWL / TWSP: 24S / RANGE: 30E / SECTION: 22 / LAT: 32.207468 / LONG: -103.875731 (TVD: 0 feet, MD: 0 feet)

PPP: SWSE / 100 FSL / 1577 FWL / TWSP: 24S / RANGE: 30E / SECTION: 15 / LAT: 32.210805 / LONG: -103.872488 (TVD: 12094 feet, MD: 15082 feet)

PPP: SESW / 300 FNL / 313 FWL / TWSP: 24S / RANGE: 30E / SECTION: 10 / LAT: 32.253158 / LONG: -103.876545 (TVD: 12094 feet, MD: 17722 feet)

PPP: SWSW / 100 FSL / 330 FWL / TWSP: 24S / RANGE: 30E / SECTION: 15 / LAT: 32.210778 / LONG: -103.876519 (TVD: 12094 feet, MD: 12442 feet)

BHL: LOT 4 / 50 FNL / 330 FWL / TWSP: 24S / RANGE: 30E / SECTION: 3 / LAT: 32.253928 / LONG: -103.876491 (TVD: 12094 feet, MD: 27988 feet)

C-102 Submit electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONVERSION DIVISION	Revised July, 09 2024
	Submittal Type:	<input type="checkbox"/> Initial Submittal
		<input checked="" type="checkbox"/> Amended Report
		<input type="checkbox"/> As Drilled

WELL LOCATION INFORMATION

API Number 30-015-49869	Pool Code 98220	Pool Name PURPLE SAGE; WOLFCAMP (GAS)
Property Code	Property Name POKER LAKE UNIT 22 DTD	Well Number 151H
OGRID No. 373075	Operator Name XTO PERMIAN OPERATING, LLC.	Ground Level Elevation 3,404'
Surface Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal		Mineral Owner: <input type="checkbox"/> State <input type="checkbox"/> Fee <input type="checkbox"/> Tribal <input checked="" type="checkbox"/> Federal

Surface Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	22	24S	30E		1,106 FNL	575 FWL	32.207468	-103.875731	EDDY

Bottom Hole Location

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	3	24S	30E	4	50 FNL	330 FWL	32.253928	-103.876491	EDDY

Dedicated Acres 2,081.88	Infill or Defining Well INFILL	Defining Well API 30-015-49877	Overlapping Spacing Unit (Y/N) N	Consolidation Code U
Order Numbers. NSP - 2301			Well Setbacks are under Common Ownership: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
D	22	24S	30E		1,106 FNL	575 FWL	32.207468	-103.875731	EDDY




First Take Point (FTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
M	15	24S	30E		100 FSL	330 FWL	32.210778	-103.876519	EDDY

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Ft. from N/S	Ft. from E/W	Latitude	Longitude	County
	3	24S	30E	4	100 FNL	330 FWL	32.253790	-103.876491	EDDY

Unitized Area of Area of Interest	Spacing Unit Type : <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> Vertical	Ground Elevation 3,404'
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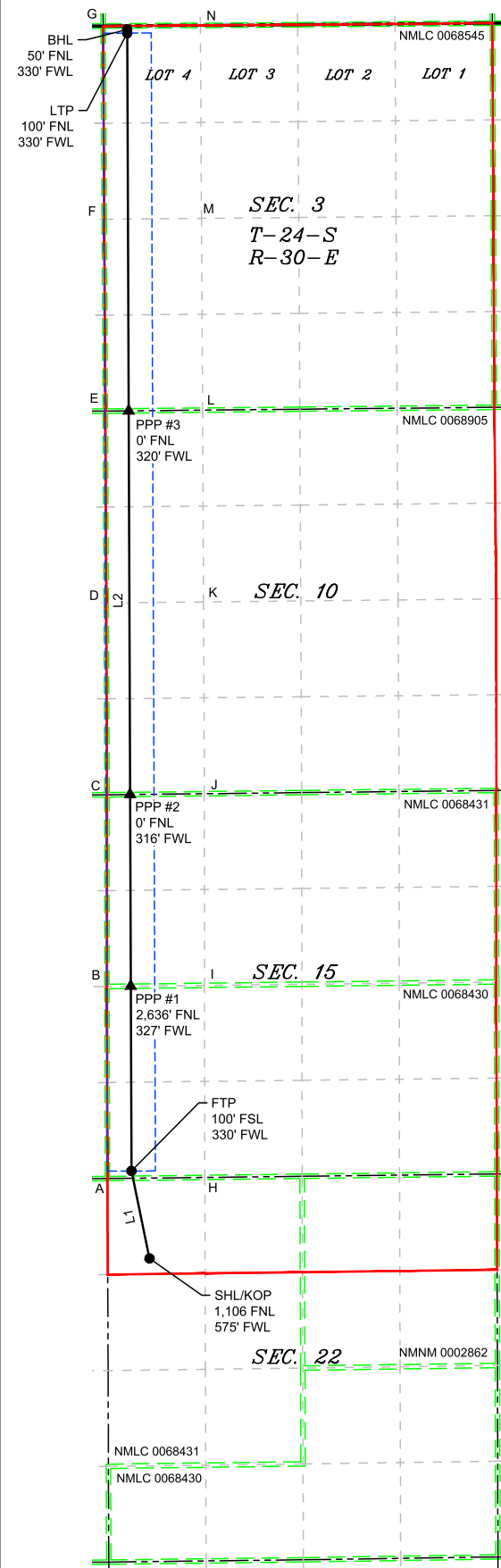
OPERATOR CERTIFICATIONS <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is vertical or directional well, that this organization either owns a working interest or unleased mineral interest in the land including the 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.</i> <i>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.</i>  Signature 12/12/2024 Date Manoj Venkatesh Printed Name manoj.venkatesh@exxonmobil.com Email Address	SURVEYOR CERTIFICATIONS <i>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>  Signature and Seal of Professional Surveyor  MARK DILLON HARP 23786 Certificate Number 12/11/2024 Date of Survey KT/DB 618.013003.08-76
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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.

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 than 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 is 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	348°19'07"	1,228.71'
L2	359°47'14"	15,697.21'

COORDINATE TABLE

SHL/KOP (NAD 83 NME)		SHL/KOP (NAD 27 NME)	
Y =	439,512.2 N	Y =	439,453.0 N
X =	682,869.1 E	X =	641,685.3 E
LAT. =	32 207468 °N	LAT. =	32 207344 °N
LONG. =	103.875731 °W	LONG. =	103.875245 °W
FTP (NAD 83 NME)		FTP (NAD 27 NME)	
Y =	440,715.5 N	Y =	440,656.2 N
X =	682,620.3 E	X =	641,436.5 E
LAT. =	32 210778 °N	LAT. =	32 210654 °N
LONG. =	103.876519 °W	LONG. =	103.876032 °W
PPP #1 (NAD 83 NME)		PPP #1 (NAD 27 NME)	
Y =	443,256.5 N	Y =	443,197.1 N
X =	682,610.9 E	X =	641,427.2 E
LAT. =	32.217763 °N	LAT. =	32.217639 °N
LONG. =	103.876514 °W	LONG. =	103.876027 °W
PPP #2 (NAD 83 NME)		PPP #2 (NAD 27 NME)	
Y =	445,892.3 N	Y =	445,832.9 N
X =	682,601.1 E	X =	641,417.5 E
LAT. =	32.225009 °N	LAT. =	32.224885 °N
LONG. =	103.876510 °W	LONG. =	103.876022 °W
PPP #3 (NAD 83 NME)		PPP #3 (NAD 27 NME)	
Y =	451,168.3 N	Y =	451,108.8 N
X =	682,581.5 E	X =	641,398.1 E
LAT. =	32.239512 °N	LAT. =	32.239388 °N
LONG. =	103.876501 °W	LONG. =	103.876013 °W
LTP (NAD 83 NME)		LTP (NAD 27 NME)	
Y =	456,362.6 N	Y =	456,302.9 N
X =	682,562.2 E	X =	641,379.0 E
LAT. =	32.253790 °N	LAT. =	32.253666 °N
LONG. =	103.876491 °W	LONG. =	103.876003 °W
BHL (NAD 83 NME)		BHL (NAD 27 NME)	
Y =	456,412.6 N	Y =	456,352.9 N
X =	682,562.0 E	X =	641,378.8 E
LAT. =	32.253928 °N	LAT. =	32.253803 °N
LONG. =	103.876491 °W	LONG. =	103.876003 °W

CORNER COORDINATES (NAD 83 NME)

A - Y =	440,611.6 N	A - X =	682,290.6 E
B - Y =	443,252.8 N	B - X =	682,283.6 E
C - Y =	445,888.8 N	C - X =	682,284.9 E
D - Y =	448,526.7 N	D - X =	682,273.7 E
E - Y =	451,165.1 N	E - X =	682,261.6 E
F - Y =	453,803.1 N	F - X =	682,246.7 E
G - Y =	456,460.5 N	G - X =	682,231.7 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 =	440,552.3 N	A - X =	641,106.8 E
B - Y =	443,193.5 N	B - X =	641,099.9 E
C - Y =	445,829.4 N	C - X =	641,101.3 E
D - Y =	448,467.3 N	D - X =	641,090.2 E
E - Y =	451,105.6 N	E - X =	641,078.2 E
F - Y =	453,743.5 N	F - X =	641,063.4 E
G - Y =	456,400.8 N	G - X =	641,048.5 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 =	456,409.5 N	N - X =	642,385.3 E

KT/DB

618.013003.08-76

618.013 XTO Energy - NW\003 Poker Lake Unit\08 - PLU 22 DTD - EDDY\Wells\76 - PLU 22 DTD - 151H\DWG\151H C-102.dwg

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

ExxonMobil
Poker Lake Unit 22 DTD 151H
TD 27680 MD / 11297.7 TVD
SHL: 1106' FNL & 575' FWL , Section 22, T24S, R30E
BHL: 50' FNL & 330' FWL , Section 3, T23S, 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	Water/Oil/Gas
RSLR	412.4657	Water
SLDO	781.7157	Water
SALT_B	3680.303	Water
DLWR	3901.823	Water/Oil/Gas
CRCN	4818.933	Water/Oil/Gas
BSPG_LM	7743.969	Water/Oil/Gas
AVLN	7917.928	Water/Oil/Gas
BSPG1_LM	8534.818	Water/Oil/Gas
BSPG1_SS	8748.758	Water/Oil/Gas
BSPG2_SH	8991.695	Water/Oil/Gas
BSPG2_LM	9089.845	Water/Oil/Gas
BSPG2_SS	9461.86	Water/Oil/Gas
BSPG3_LM	9848.694	Water/Oil/Gas
BSPG3_SH	10211.66	Water/Oil/Gas
BSPG3_SS	10648.74	Water/Oil/Gas
BSPG3_Red_Hills	10917.38	Water/Oil/Gas
WFMP	11024.57	Water/Oil/Gas
WFMP_X	11044.12	Water/Oil/Gas
WFMP_Y	11125.27	Water/Oil/Gas
WFMP_A	11151.84	Water/Oil/Gas
Landing	11334'	Water/Oil/Gas

	INC °	Azimuth °	TVD (ft)	Y offset (ft)	X offset (ft)
SHL	0.00	0.00	0.00	439453.20	641685.30
KOP	0.41	216.42	10526.90	439711.34	641374.90
LP	89.95	357.92	11334.08	440843.49	641445.53
FTP	47.72	1.45	11054.92	439963.77	641388.08
LTP	89.90	359.52	11298.30	456000.82	641391.13
BHL	90.10	359.63	11297.80	456400.79	641386.58

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' – 1008'	1008'	9-5/8"	47	J55	BTC	New	1.3	7.04	19.52
8.75"	0' – 3893.2'	3893.2'	7-5/8"	29.7	P110	FJ	New	2.21	2.65	1.76
8.75"	3893.2' - 10470'	10470'	7-5/8"	29.7	L-80	FJ	New	1.6	1.88	2.05
6.75"	0' – 9886'	27543.7'	5-1/2"	23	P-110	Freedom	New	1.21	2.3	1.7
6.75"	9886' – 27670'	27543.7'	5-1/2"	23	P-110	Talon	New	1.21	2.14	1.84

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	200	12.8	1.95	30	1,008	150%	Surface 1 Class H Lead Cement
Surface 1	Tail	305	14.8	1.34	30	1,008	150%	Surface 1 Class H Tail Cement
Intermediate 1	Lead	465	15.6	1.23	5600	10,470	50%	Intermediate 1 Class C Lead Cement
Intermediate 1	Tail							
Production 1	Lead							
Production 1	Tail	1385	13.2	1.36	6228	27,670	30%	Production 1 Class H Tail Cement
Remedial Cementing								
Casing	Slurry Type	No. Sacks	Density (ppg)	Yield (ft3/sack)	Cemented Interval	Excess (%)	Slurry Description	
Intermediate 1	Squeeze(Lead/Tail)	465	14.8	1.23	30-5600	0%	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	Viscosity	Fluid Loss	Comments
			(ppg)	(sec/qt)	(cc)	
0-1008	12.25"	Brine Water	10	0-31	NC	Fluid type will be based upon on well conditions. A fully saturated system will be used across the salt interval.
1008-10470	8.75"	Brine Water / BDE	9.0 - 10.0	31-27	NC	
10470-27670	6.75"	BW /Invert/Oil Base	9-11.5	27-47	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 491251

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 491251
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

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