

Well Name: POKER LAKE UNIT 28-21 BS	Well Location: T25S / R31E / SEC 28 / NENE / 32.107078 / -103.776784	County or Parish/State: EDDY / NM
Well Number: 156H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMLC062140A	Unit or CA Name:	Unit or CA Number: NMNM71016AU
US Well Number: 3001548958	Operator: XTO PERMIAN OPERATING LLC	

Notice of Intent

Sundry ID: 2871440

Type of Submission: Notice of Intent

Type of Action: APD Change

Date Sundry Submitted: 09/03/2025

Time Sundry Submitted: 01:57

Date proposed operation will begin: 09/03/2025

Procedure Description: Effective Date: 11/1/21 XTO Permian Operating LLC respectfully requests to make the following changes for well record clean up: TD: f/ 23682' MD / 11620' TVD t/ 23030' MD/ 11526' TVD FTP: f/ 2339' FNL 95' FWL sec 27 Lease # 0062140 t/ 631' FNL 259' FEL sec 28 Lease #0062140A Dedicated acres: f/ 640 t/ 800 Attachments: Updated C-102 on new required form, drill plan and directional plan. No new surface disturbance.

NOI Attachments

Procedure Description

- POKER_LAKE_UNIT_28_21_BS_156H_C_102_AMENDED_FINAL_8_26_2025_20250903135629.pdf
- Proposal_100___XTO_Poker_Lake_Unit_28_21_BS_156H_Rev3_CVS_07Dec21_20250903135601.pdf
- Post_Execution_Sundry___Poker_Lake_Unit_28_21_BS_156H___3_String_Slim___WC_X_20250903135601.pdf

Received by OCD: 9/11/2025 7:57:08 AM

Page 2 of 16

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Lease Number: NMLC062140A	Unit or CA Name:	Unit or CA Number: NMNM71016AU
US Well Number: 3001548958	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: SEP 03, 2025 01:57 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: 09/10/2025
Signature: Chris Walls	

Form 3160-5
(June 2019)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

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

5. Lease Serial No.
NMLC062140A

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

2. Name of Operator
XTO PERMIAN OPERATING LLC

3a. Address 6401 HOLIDAY HILL ROAD BLDG 5, MIDLAND, 3b. Phone No. (include area code)
(432) 683-2277

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)
SEC 28/T25S/R31E/NMP

7. If Unit of CA/Agreement, Name and/or No.
NMNM71016AU

8. Well Name and No.
POKER LAKE UNIT 28-21 BS/156H

9. API Well No. 3001548958

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

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	
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation	☐ Well Integrity	
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☐ Other	
	☒ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon		
	☐ 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 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 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: 11/1/21

XTO Permian Operating LLC respectfully requests to make the following changes for well record clean up:

TD: f/ 23682 MD / 11620' TVD t/ 23030 MD/ 11526 TVD

FTP: f/ 2339 FNL 95 FWL sec 27 Lease # 0062140 t/ 631 FNL 259 FEL sec 28 Lease #0062140A

Dedicated acres: f/ 640 t/ 800

Attachments: Updated C-102 on new required form, drill plan and directional plan. No new surface disturbance.

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

Signature (Electronic Submission)

Title Regulatory Analyst

Date 09/03/2025

THE SPACE FOR FEDERAL OR STATE OFFICE USE

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

Petroleum Engineer

Office CARLSBAD

Date 09/10/2025

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.

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: NENE / 536 FNL / 710 FEL / TWSP: 25S / RANGE: 31E / SECTION: 28 / LAT: 32.107078 / LONG: -103.776784 (TVD: 0 feet, MD: 0 feet)

PPP: NENE / 631 FNL / 259 FEL / TWSP: 25S / RANGE: 31E / SECTION: 28 / LAT: 32.106813 / LONG: -103.775328 (TVD: 11526 feet, MD: 13398 feet)

BHL: NWSW / 2636 FSL / 826 FWL / TWSP: 25S / RANGE: 31E / SECTION: 16 / LAT: 32.130373 / LONG: -103.788931 (TVD: 11526 feet, MD: 23030 feet)

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION		Revised July 9, 2024	
			Submittal Type:	☐ Initial Submittal
				☒ Amended Report
☐ As Drilled				

WELL LOCATION INFORMATION						
API Number 30-015-48958		Pool Code 98220		Pool Name PURPLE SAGE; WOLFCAMP (GAS)		
Property Code 331529		Property Name POKER LAKE UNIT 28-21 BS			Well Number 156H	
ORGID No. 373075		Operator Name XTO PERMIAN OPERATING, LLC.			Ground Level Elevation 3,349'	
Surface Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal			Mineral Owner: ☐ State ☐ Fee ☐ Tribal ☒ Federal			

Surface Location									
UL A	Section 28	Township 25 S	Range 31 E	Lot	Ft. from N/S 536' FSL	Ft. from E/W 710' FEL	Latitude 32.107078	Longitude -103.776784	County EDDY

Bottom Hole Location									
UL L	Section 16	Township 25 S	Range 31 E	Lot	Ft. from N/S 2,617' FSL	Ft. from E/W 792' FWL	Latitude 32.130329	Longitude -103.801142	County EDDY

Dedicated Acres 800		Infill or Defining Well DEFINING		Defining Well API		Overlapping Spacing Unit (Y/N) Y		Consolidation Code U	
Order Numbers.						Well setbacks are under Common Ownership: ☒ Yes ☐ No			

Kick Off Point (KOP)									
UL E	Section 28	Township 25 S	Range 31 E	Lot	Ft. from N/S 2,365' FNL	Ft. from E/W 75' FWL	Latitude 32.102047	Longitude -103.775328	County EDDY

First Take Point (FTP)									
UL A	Section 27	Township 25 S	Range 31 E	Lot	Ft. from N/S 631' FNL	Ft. from E/W 259' FEL	Latitude 32.106813	Longitude -103.775328	County EDDY

Last Take Point (LTP)									
UL L	Section 16	Township 25 S	Range 31 E	Lot	Ft. from N/S 2,530' FSL	Ft. from E/W 842' FWL	Latitude 32.130080	Longitude -103.788880	County EDDY

Unitized Area or Area of Uniform Interest NMNM-071016X				Spacing Unit Type ☒ Horizontal ☐ Vertical				Ground Floor Elevation: 3,349'	
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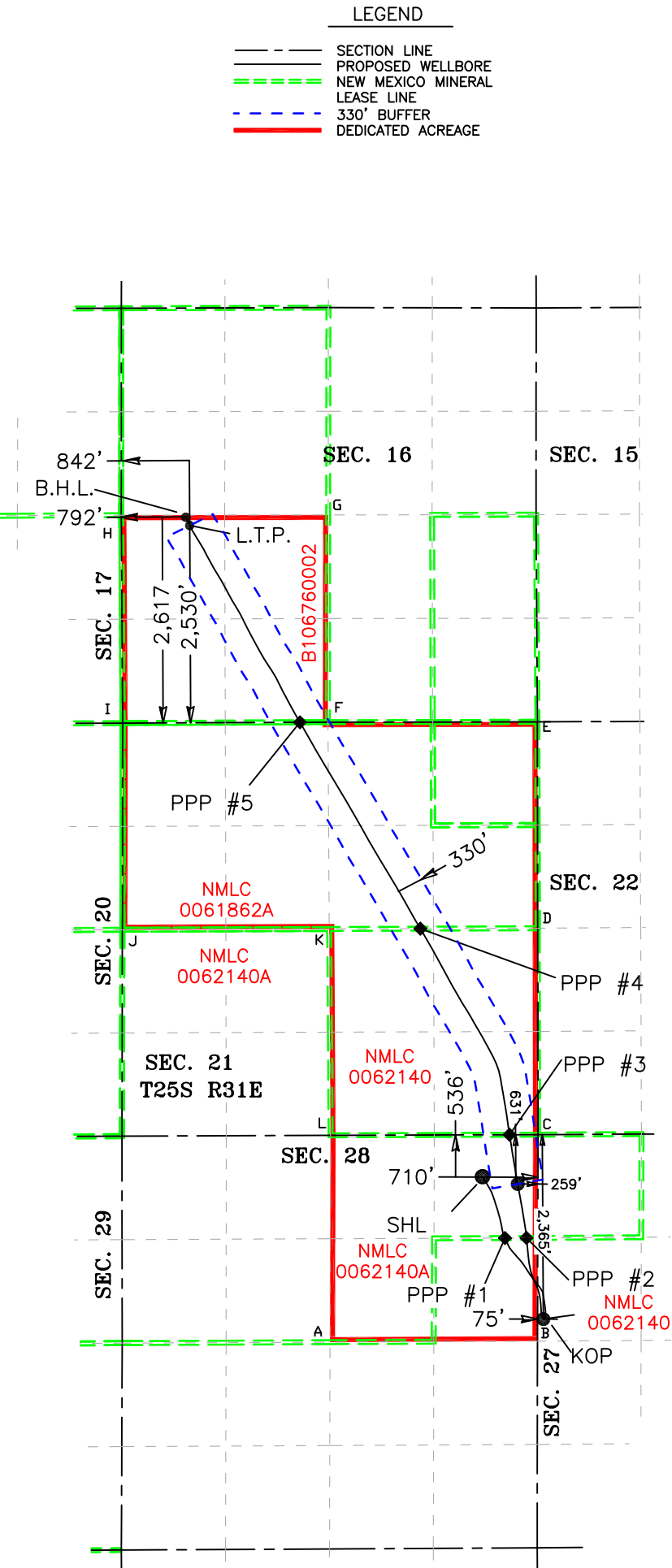
OPERATOR CERTIFICATIONS		SURVEYOR CERTIFICATIONS	
I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location 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. Lacey Granillo 8/27/25		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. 26 August 2025 TIM C. PAPPAS REGISTERED PROFESSIONAL LAND SURVEYOR STATE OF NEW MEXICO NO. 21209	
Signature Lacey Granillo		Signature and Seal of Professional Surveyor	
Printed Name lacey.granillo@exxonmobil.com		Certificate Number TIM C. PAPPAS 21209	Date of Survey 08/26/2025
Email Address			

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

ACREAGE DEDICATION PLATS

This grid represents a standard section. You may superimpose a non-standard section, or 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.



COORDINATE TABLE					
SHL (NAD 83 NME)			LTP (NAD 83 NME)		
Y =	403,136.3	N	Y =	411,484.9	N
X =	713,661.6	E	X =	709,874.0	E
LAT. =	32.107078	°N	LAT. =	32.130080	°N
LONG. =	103.776784	°W	LONG. =	103.788880	°W
KOP (NAD 83 NME)			BHL (NAD 83 NME)		
Y =	401,309.9	N	Y =	411,571.5	N
X =	714,441.5	E	X =	709,824.0	E
LAT. =	32.102047	°N	LAT. =	32.130319	°N
LONG. =	103.774296	°W	LONG. =	103.789040	°W
FTP (NAD 83 NME)					
Y =	403,042.3	N			
X =	714,112.9	E			
LAT. =	32.106813	°N			
LONG. =	103.775328	°W			
SHL (NAD 27 NME)			LTP (NAD 27 NME)		
Y =	403,078.4	N	Y =	411,426.8	N
X =	672,475.9	E	X =	668,689.0	E
LAT. =	32.106954	°N	LAT. =	32.129956	°N
LONG. =	103.776306	°W	LONG. =	103.788400	°W
KOP (NAD 27 NME)			BHL (NAD 27 NME)		
Y =	401,252.0	N	Y =	411,513.4	N
X =	673,255.7	E	X =	668,639.0	E
LAT. =	32.101922	°N	LAT. =	32.130195	°N
LONG. =	103.773818	°W	LONG. =	103.788560	°W
FTP (NAD 27 NME)					
Y =	402,984.4	N			
X =	672,927.2	E			
LAT. =	32.106689	°N			
LONG. =	103.774850	°W			
PPP #1 (NAD 83 NME)			PPP #1 (NAD 27 NME)		
Y =	402,349.2	N	Y =	402,291.3	N
X =	713,949.4	E	X =	672,763.7	E
LAT. =	32.104910	°N	LAT. =	32.104786	°N
LONG. =	103.775867	°W	LONG. =	103.775390	°W
PPP #2 (NAD 83 NME)			PPP #2 (NAD 27 NME)		
Y =	402,350.3	N	Y =	402,292.4	N
X =	714,224.5	E	X =	673,038.8	E
LAT. =	32.104910	°N	LAT. =	32.104785	°N
LONG. =	103.774979	°W	LONG. =	103.774502	°W
PPP #3 (NAD 83 NME)			PPP #3 (NAD 27 NME)		
Y =	403,673.5	N	Y =	403,615.6	N
X =	714,008.2	E	X =	672,822.5	E
LAT. =	32.108550	°N	LAT. =	32.108425	°N
LONG. =	103.775656	°W	LONG. =	103.775178	°W
PPP #4 (NAD 83 NME)			PPP #4 (NAD 27 NME)		
Y =	406,315.8	N	Y =	406,257.8	N
X =	712,865.1	E	X =	671,679.5	E
LAT. =	32.115829	°N	LAT. =	32.115705	°N
LONG. =	103.779303	°W	LONG. =	103.778825	°W
PPP #5 (NAD 83 NME)			PPP #5 (NAD 27 NME)		
Y =	408,961.6	N	Y =	408,903.5	N
X =	711,321.5	E	X =	670,136.1	E
LAT. =	32.123124	°N	LAT. =	32.123000	°N
LONG. =	103.784245	°W	LONG. =	103.783767	°W

CORNER COORDINATES (NAD83 NME)					
A - Y =	401,014.4	N	A - X =	711,707.2	E
B - Y =	401,027.1	N	B - X =	714,365.8	E
C - Y =	403,674.7	N	C - X =	714,373.5	E
D - Y =	406,321.4	N	D - X =	714,394.6	E
E - Y =	408,967.8	N	E - X =	714,365.9	E
F - Y =	408,963.3	N	F - X =	711,680.3	E
G - Y =	411,620.4	N	G - X =	711,683.3	E
H - Y =	411,616.9	N	H - X =	709,031.4	E
I - Y =	408,951.2	N	I - X =	709,048.2	E
J - Y =	406,301.5	N	J - X =	709,045.9	E
K - Y =	406,286.3	N	K - X =	711,672.4	E
L - Y =	403,666.0	N	L - X =	711,714.2	E
CORNER COORDINATES (NAD27 NME)					
A - Y =	400,956.5	N	A - X =	670,521.5	E
B - Y =	400,969.3	N	B - X =	673,180.0	E
C - Y =	403,616.7	N	C - X =	673,187.8	E
D - Y =	406,263.4	N	D - X =	673,209.0	E
E - Y =	408,909.7	N	E - X =	673,180.4	E
F - Y =	408,905.2	N	F - X =	670,494.8	E
G - Y =	411,562.3	N	G - X =	670,498.3	E
H - Y =	411,558.7	N	H - X =	667,846.4	E
I - Y =	408,893.2	N	I - X =	667,862.8	E
J - Y =	406,243.5	N	J - X =	667,860.4	E
K - Y =	406,228.3	N	K - X =	670,486.9	E
L - Y =	403,608.1	N	L - X =	670,528.5	E



2205 Walnut Street - Columbus, TX 78934
Ph: 817.349.9800 - Fax: 979.732.5271
TBPE Firm 17957 | TBPLS Firm 10000100
www.fscinc.net
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DATE: 8-26-2025 PROJECT NO: 2019082873
DRAWN BY: WL SCALE: 1" = 2,000'
CHECKED BY: LM SHEET: 2 OF 2
FIELD CREW: IR REVISION: 1



XTO Poker Lake Unit 28-21 BS 156H Rev3 CVS 07Dec21 Proposal Geodetic Report (Def Plan)



Report Date: January 01, 2022 - 06:09 PM
Client: XTO Energy
Field: NM Eddy County (NAD 27)
Structure / Slot: XTO Poker Lake Unit 28-21 BS East Pad / Poker Lake Unit 28-21 BS 108H
Well: Poker Lake Unit 28-21 BS 156H
Borehole: Poker Lake Unit 28-21 BS 156H
UWI / API#: Unknown / Unknown
Survey Name: XTO Poker Lake Unit 28-21 BS 156H Rev3 CVS 07Dec21
Survey Date: November 16, 2021
Tort / AHD / DDI / ERD Ratio: 279.734 ° / 13536.431 ft / 6.876 / 1.164
Coordinate Reference System: NAD27 New Mexico State Plane, Eastern Zone, US Feet
Location Lat / Long: N 32° 6' 25.03332", W 103° 46' 34.70237"
Location Grid N/E Y/X: N 403078.400 ftUS, E 672475.900 ftUS
CRS Grid Convergence Angle: 0.2961 °
Grid Scale Factor: 0.99994316
Version / Patch: 2.10.826.8

Survey / DLS Computation: Minimum Curvature / Lubinski
Vertical Section Azimuth: 335.540 ° (Grid North)
Vertical Section Origin: 0.000 ft, 0.000 ft
TVD Reference Datum: RKB
TVD Reference Elevation: 3379.000 ft above MSL
Seabed / Ground Elevation: 3349.000 ft above MSL
Magnetic Declination: 6.536 °
Total Gravity Field Strength: 998.4235mgn (9.80665 Based)
Gravity Model: GARM
Total Magnetic Field Strength: 47537.000 nT
Magnetic Dip Angle: 59.660 °
Declination Date: November 27, 2021
Magnetic Declination Model: IFR1+MS
North Reference: Grid North
Grid Convergence Used: 0.2961 °
Total Corr Mag North->Grid North: 6.2399 °
Local Coord Referenced To: Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
SHL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	403078.40	672475.90	N 32° 6' 25.03"	W 103° 46' 34.70"
	197.00	0.34	207.53	197.00	-0.36	-0.52	-0.27	0.17	403077.88	672475.63	N 32° 6' 25.03"	W 103° 46' 34.71"
	301.00	0.33	241.42	301.00	-0.57	-0.94	-0.68	0.19	403077.46	672475.22	N 32° 6' 25.02"	W 103° 46' 34.71"
	392.00	0.41	255.46	392.00	-0.53	-1.14	-1.22	0.13	403077.26	672474.68	N 32° 6' 25.02"	W 103° 46' 34.72"
	483.00	0.47	274.38	482.99	-0.30	-1.20	-1.91	0.17	403077.20	672473.99	N 32° 6' 25.02"	W 103° 46' 34.72"
	575.00	0.45	271.66	574.99	0.04	-1.16	-2.65	0.03	403077.24	672473.25	N 32° 6' 25.02"	W 103° 46' 34.73"
	666.00	0.54	270.66	665.99	0.38	-1.14	-3.43	0.10	403077.26	672472.47	N 32° 6' 25.02"	W 103° 46' 34.74"
	758.00	0.65	271.14	757.98	0.79	-1.13	-4.39	0.12	403077.27	672471.51	N 32° 6' 25.02"	W 103° 46' 34.75"
Rustler	846.02	0.56	288.77	846.00	1.30	-0.98	-5.30	0.23	403077.42	672470.61	N 32° 6' 25.02"	W 103° 46' 34.76"
	850.00	0.56	289.68	849.98	1.33	-0.96	-5.33	0.23	403077.44	672470.57	N 32° 6' 25.02"	W 103° 46' 34.76"
	941.00	0.36	299.13	940.97	1.87	-0.67	-6.00	0.23	403077.73	672469.90	N 32° 6' 25.03"	W 103° 46' 34.77"
	1120.00	0.48	286.73	1119.97	2.82	-0.19	-7.21	0.08	403078.21	672468.69	N 32° 6' 25.03"	W 103° 46' 34.79"
	1216.00	0.70	305.52	1215.96	3.59	0.27	-8.07	0.30	403078.67	672467.83	N 32° 6' 25.04"	W 103° 46' 34.80"
Top Salt	1249.04	0.08	347.70	1249.00	3.79	0.41	-8.24	1.94	403078.81	672467.66	N 32° 6' 25.04"	W 103° 46' 34.80"
	1318.00	1.28	117.66	1317.96	3.23	0.10	-7.57	1.94	403078.50	672468.33	N 32° 6' 25.03"	W 103° 46' 34.79"
	1411.00	3.72	141.33	1410.86	-0.52	-2.73	-4.76	2.79	403075.67	672471.14	N 32° 6' 25.01"	W 103° 46' 34.76"
	1503.00	7.76	145.01	1502.38	-9.52	-10.16	0.66	4.41	403068.24	672476.56	N 32° 6' 24.93"	W 103° 46' 34.70"
	1595.00	11.25	142.13	1593.11	-24.36	-22.33	9.74	3.83	403056.07	672485.64	N 32° 6' 24.81"	W 103° 46' 34.59"
	1689.00	15.85	144.69	1684.47	-45.90	-40.06	22.79	4.93	403038.35	672498.69	N 32° 6' 24.64"	W 103° 46' 34.44"
	1784.00	18.62	149.16	1775.20	-73.72	-63.67	38.07	3.23	403014.73	672513.97	N 32° 6' 24.40"	W 103° 46' 34.26"
	1879.00	21.25	149.58	1864.50	-105.92	-91.54	54.56	2.77	402986.86	672530.46	N 32° 6' 24.12"	W 103° 46' 34.07"
	1974.00	23.17	147.68	1952.44	-141.56	-122.18	73.28	2.16	402956.22	672549.17	N 32° 6' 23.82"	W 103° 46' 33.86"
	2069.00	24.12	150.43	2039.47	-179.41	-154.86	92.85	1.53	402923.55	672568.74	N 32° 6' 23.50"	W 103° 46' 33.63"
	2163.00	25.08	154.41	2124.94	-218.46	-189.54	110.93	2.04	402888.87	672586.83	N 32° 6' 23.15"	W 103° 46' 33.42"
	2258.00	26.35	158.84	2210.54	-259.65	-227.37	127.24	2.42	402851.05	672603.14	N 32° 6' 22.78"	W 103° 46' 33.24"
	2448.00	26.32	163.28	2380.84	-343.49	-307.04	154.58	1.04	402771.38	672630.48	N 32° 6' 21.99"	W 103° 46' 32.92"
	2543.00	26.31	164.67	2466.00	-385.14	-347.51	166.21	0.65	402730.91	672642.10	N 32° 6' 21.59"	W 103° 46' 32.79"
	2638.00	26.59	163.87	2551.05	-426.97	-388.24	177.68	0.48	402690.18	672653.57	N 32° 6' 21.18"	W 103° 46' 32.66"
	2733.00	25.75	159.57	2636.32	-468.59	-428.01	190.79	2.18	402650.42	672666.68	N 32° 6' 20.79"	W 103° 46' 32.51"
	2828.00	26.17	161.46	2721.74	-510.02	-467.21	204.66	0.98	402611.22	672680.55	N 32° 6' 20.40"	W 103° 46' 32.35"
	2923.00	26.12	164.92	2807.02	-551.49	-507.26	216.76	1.61	402571.17	672692.65	N 32° 6' 20.00"	W 103° 46' 32.21"
	3017.00	27.43	170.64	2890.95	-592.82	-548.62	225.67	3.07	402529.82	672701.55	N 32° 6' 19.59"	W 103° 46' 32.11"
	3112.00	29.63	167.97	2974.42	-636.88	-593.18	234.12	2.68	402485.25	672710.01	N 32° 6' 19.15"	W 103° 46' 32.02"
	3207.00	29.71	166.81	3056.96	-682.91	-639.07	244.39	0.61	402439.37	672720.27	N 32° 6' 18.70"	W 103° 46' 31.90"
	3302.00	28.74	170.47	3139.87	-728.07	-684.52	253.54	2.14	402393.92	672729.43	N 32° 6' 18.25"	W 103° 46' 31.80"
	3396.00	27.84	163.40	3222.67	-771.66	-727.86	263.56	3.69	402350.59	672739.44	N 32° 6' 17.82"	W 103° 46' 31.68"
	3491.00	25.45	156.34	3307.60	-814.06	-767.83	278.09	4.17	402310.62	672753.98	N 32° 6' 17.42"	W 103° 46' 31.52"
	3586.00	22.73	149.82	3394.33	-852.75	-802.40	295.52	4.00	402276.05	672771.40	N 32° 6' 17.08"	W 103° 46' 31.32"
	3681.00	18.86	154.21	3483.13	-886.37	-832.10	311.43	4.39	402246.35	672787.31	N 32° 6' 16.78"	W 103° 46' 31.13"
	3776.00	14.41	162.07	3574.14	-913.49	-857.19	321.76	5.24	402221.26	672797.64	N 32° 6' 16.53"	W 103° 46' 31.01"
	3871.00	14.41	159.30	3666.16	-937.02	-879.50	329.57	0.73	402198.96	672805.46	N 32° 6' 16.31"	W 103° 46' 30.92"
	3965.00	15.85	152.54	3756.90	-961.52	-901.83	339.63	2.42	402176.62	672815.51	N 32° 6' 16.09"	W 103° 46' 30.81"
	4060.00	19.03	144.68	3847.54	-989.70	-925.99	354.57	4.16	402152.47	672830.45	N 32° 6' 15.85"	W 103° 46' 30.64"
	4155.00	23.36	136.78	3936.11	-1022.76	-952.37	376.44	5.45	402126.09	672852.32	N 32° 6' 15.59"	W 103° 46' 30.38"
Base Salt	4250.00	25.06	138.06	4022.75	-1059.79	-981.06	402.79	1.87	402097.40	672878.66	N 32° 6' 15.30"	W 103° 46' 30.08"
	4286.55	24.00	139.29	4056.00	-1074.31	-992.46	412.81	3.22	402066.00	672888.68	N 32° 6' 15.19"	W 103° 46' 29.96"
	4345.00	22.33	141.49	4109.74	-1096.50	-1010.16	427.48	3.22	402068.30	672903.35	N 32° 6' 15.02"	W 103° 46' 29.79"
	4440.00	17.93	138.69	4198.91	-1128.01	-1035.28	448.38	4.74	402043.19	672924.25	N 32° 6' 14.77"	W 103° 46' 29.55"
Delaware	4514.10	14.82	134.63	4270.00	-1147.79	-1050.51	462.65	4.47	402027.96	672938.53	N 32° 6' 14.61"	W 103° 46' 29.39"
	4535.00	13.96	133.17	4290.24	-1152.62	-1054.11	466.40	4.47	402024.35	672942.27	N 32° 6' 14.58"	W 103° 46' 29.34"
	4630.00	16.29	138.98	4381.95	-1175.99	-1072.00	483.50	2.92	402006.46	672959.37	N 32° 6' 14.40"	W 103° 46' 29.15"
	4724.00	19.11	142.71	4471.50	-1203.64	-1094.20	501.48	3.23	401984.27	672977.35	N 32° 6' 14.18"	W 103° 46' 28.94"
	4820.00	19.89	145.00	4561.99	-1235.01	-1120.08	520.37	1.14	401958.39	672996.24	N 32° 6' 13.92"	W 103° 46' 28.72"
	4915.00	19.72	147.02	4651.37	-1266.75	-1146.76	538.36	0.74	401931.71	673014.23	N 32° 6' 13.66"	W 103° 46' 28.51"
	5009.00	18.87	145.85	4740.09	-1297.42	-1172.64	555.53	0.99	401905.82	673031.40	N 32° 6' 13.40"	W 103° 46' 28.31"
	5104.00	17.65	147.09	4830.31	-1326.81	-1197.45	571.98	1.35	401881.02	673047.84	N 32° 6' 13.15"	W 103° 46' 28.13"
	5199.00	19.29	148.08	4920.41	-1356.62	-1222.86	588.10	1.76	401855.61	673063.97	N 32° 6' 12.90"	W 103° 46' 27.94"
	5294.00	20.24	146.07	5009.81	-1388.39	-1249.82	605.57	1.23	401828.66	673081.43	N 32° 6' 12.63"	W 103° 46' 27.74"
	5389.00	19.97	144.13	5099.03	-1420.50	-1276.60	624.25	0.76	401801.88	673100.11	N 32° 6' 12.37"	W 103° 46' 27.52"
	5484.00	19.45	142.10	5188.46	-1451.78	-1302.22	643.47	0.90	401776.25	673119.33	N 32° 6' 12.11"	W 103° 46' 27.30"
Cherry Canyon	5529.98	18.06	141.54	5232.00	-1466.15	-1313.85	652.61	3.05	401764.63	673128.47	N 32° 6' 12.00"	W 103° 46' 27.19"
	5578.00	16.61	140.85	5277.84	-1480.01	-1325.00	661.57	3.05	401753.48	673137.43	N 32° 6' 11.89"	W 103° 46' 27.09"
	5673.00	16.53	141.82	5368.89	-1506.27	-1346.15	678.50	0.30	401732.33	673154.36	N 32° 6' 11.68"	W 103° 46' 26.90"
	5768.00	16.31	143.63	5460.02	-1532.45	-1367.52	694.76	0.59	401710.97	673170.62	N 32° 6' 11.47"	W 103° 46' 26.71"
	5863.00	16.54	143.28	5551.14	-1558.72	-1389.10	710.76	0.26	401689.39	673186.61	N 32° 6' 11.25"	W 103° 46' 26.52"
	5957.00	16.49	144.10	5641.26	-1584.87	-1410.63	726.58	0.25	401667.86	673202.44	N 32° 6' 11.04"	W 103° 46' 26.34"
	6052.00	16.80	142.09	5732.28	-1611.44	-1432.38	742.92	0.69	401646.10	673218.78	N 32° 6' 10.82"	W 103° 46' 26.15"
	6147.00	16.11	149.44	5823.40	-1637.90	-1454.57	758.06	2.31	401623.92	673233.91	N 32° 6' 10.60"	W 103° 46' 25.98"
	6242.00	14.81	161.12	5914.98	-1663.10	-1477.41	768.69	3.54	401601.08	673244.55	N 32° 6' 10.37"	W 103° 46' 25.86"
	6337.00	11.74	170.55	6007.45	-1684.52	-1498.44	774.21	3.94	401580.05	673250.07	N 32° 6' 10.17"	W 103° 46' 25.79"
	6432.00	11.19	170.51	6100.55	-1702							

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
Brushy Canyon	6874.20	10.06	171.10	6535.00	-1782.28	-1598.35	790.65	0.46	401480.14	673266.50	N 32 6 9.18	W 103 46 25.61
	6906.00	9.91	171.11	6566.32	-1787.59	-1603.80	791.50	0.46	401474.69	673267.36	N 32 6 9.12	W 103 46 25.60
	7001.00	10.69	172.49	6659.79	-1803.89	-1620.61	793.92	0.86	401457.88	673269.77	N 32 6 8.96	W 103 46 25.57
	7095.00	9.92	174.26	6752.27	-1819.90	-1637.31	795.87	0.89	401441.18	673271.72	N 32 6 8.79	W 103 46 25.55
	7190.00	9.19	173.14	6845.96	-1834.88	-1652.99	797.59	0.79	401425.51	673273.45	N 32 6 8.64	W 103 46 25.53
	7285.00	8.48	171.75	6939.83	-1848.84	-1667.45	799.50	0.78	401411.05	673275.36	N 32 6 8.49	W 103 46 25.51
	7380.00	7.31	172.15	7033.93	-1861.36	-1680.37	801.33	1.23	401398.13	673277.19	N 32 6 8.36	W 103 46 25.49
	7474.00	6.14	172.09	7127.28	-1871.91	-1691.27	802.84	1.24	401387.23	673278.70	N 32 6 8.26	W 103 46 25.47
	7569.00	5.53	173.11	7221.78	-1881.14	-1700.85	804.09	0.65	401377.65	673279.94	N 32 6 8.16	W 103 46 25.46
	7663.00	5.24	174.22	7315.37	-1889.52	-1709.62	805.07	0.33	401368.88	673280.92	N 32 6 8.07	W 103 46 25.45
	7758.00	5.06	175.03	7409.99	-1897.58	-1718.11	805.87	0.20	401360.39	673281.72	N 32 6 7.99	W 103 46 25.44
	7853.00	5.04	174.41	7504.62	-1905.48	-1726.43	806.64	0.06	401352.07	673282.49	N 32 6 7.91	W 103 46 25.43
	7948.00	4.69	176.31	7599.28	-1913.06	-1734.46	807.29	0.41	401344.04	673283.14	N 32 6 7.83	W 103 46 25.42
	8042.00	2.84	191.79	7693.07	-1918.53	-1740.58	807.06	2.23	401337.92	673282.92	N 32 6 7.77	W 103 46 25.42
	8137.00	2.91	190.56	7787.95	-1922.41	-1745.25	806.14	0.10	401333.25	673281.99	N 32 6 7.72	W 103 46 25.44
	8232.00	2.96	188.27	7882.83	-1926.44	-1750.05	805.35	0.13	401328.45	673281.20	N 32 6 7.67	W 103 46 25.45
	8327.00	3.17	186.09	7977.69	-1930.77	-1755.09	804.71	0.25	401323.41	673280.57	N 32 6 7.62	W 103 46 25.45
Basal Brushy Canyon	8347.34	3.15	187.27	7998.00	-1931.73	-1756.20	804.58	0.33	401322.30	673280.44	N 32 6 7.61	W 103 46 25.45
	8422.00	3.11	191.67	8072.55	-1935.11	-1760.22	803.91	0.33	401318.28	673279.77	N 32 6 7.57	W 103 46 25.46
	8517.00	2.80	195.69	8167.42	-1938.97	-1764.98	802.77	0.39	401313.52	673278.62	N 32 6 7.53	W 103 46 25.48
Bone Spring Fm	8547.61	2.63	198.54	8198.00	-1940.05	-1766.37	802.34	0.72	401312.14	673278.19	N 32 6 7.51	W 103 46 25.48
Bone Spring Lime	8590.65	2.39	203.23	8241.00	-1941.38	-1768.13	801.67	0.72	401310.38	673277.53	N 32 6 7.50	W 103 46 25.49
	8611.00	2.29	205.77	8261.33	-1941.92	-1768.88	801.33	0.72	401309.62	673277.18	N 32 6 7.49	W 103 46 25.49
	8695.72	1.69	212.43	8346.00	-1943.69	-1771.46	799.92	0.76	401307.04	673275.78	N 32 6 7.46	W 103 46 25.51
Avalon Shale	8706.00	1.62	213.57	8356.27	-1943.85	-1771.71	799.76	0.76	401306.79	673275.61	N 32 6 7.46	W 103 46 25.51
	8801.00	1.36	222.10	8451.24	-1945.01	-1773.67	798.26	0.36	401304.84	673274.12	N 32 6 7.44	W 103 46 25.53
	8895.00	1.11	197.67	8545.22	-1946.13	-1775.36	797.24	0.61	401303.14	673273.09	N 32 6 7.42	W 103 46 25.54
	8990.00	3.27	197.97	8640.15	-1948.81	-1778.82	796.12	2.27	401299.69	673271.98	N 32 6 7.39	W 103 46 25.55
	9085.00	1.90	192.26	8735.05	-1952.07	-1782.93	794.95	1.47	401295.57	673270.81	N 32 6 7.35	W 103 46 25.57
	9180.00	1.54	149.71	8830.01	-1954.61	-1785.58	795.26	1.36	401292.93	673271.12	N 32 6 7.32	W 103 46 25.56
Lower Avalon Shale	9242.02	1.71	153.10	8892.00	-1956.36	-1787.12	796.10	0.32	401291.38	673271.96	N 32 6 7.31	W 103 46 25.56
	9275.00	1.81	154.63	8924.97	-1957.38	-1788.03	796.55	0.32	401290.47	673272.40	N 32 6 7.30	W 103 46 25.55
	9370.00	1.58	162.08	9019.93	-1960.18	-1790.63	797.59	0.33	401287.87	673273.45	N 32 6 7.27	W 103 46 25.54
1st Bone Spring Lime	9438.10	1.83	152.95	9088.00	-1962.20	-1792.50	798.38	0.54	401286.01	673274.23	N 32 6 7.25	W 103 46 25.53
	9465.00	1.94	150.02	9114.88	-1963.08	-1793.27	798.80	0.54	401285.23	673274.65	N 32 6 7.25	W 103 46 25.52
	9561.00	2.32	156.47	9210.81	-1966.64	-1796.46	800.39	0.47	401282.04	673276.24	N 32 6 7.22	W 103 46 25.51
1st Bone Spring Ss	9561.19	2.32	156.46	9211.00	-1966.65	-1796.47	800.39	0.21	401282.04	673276.24	N 32 6 7.22	W 103 46 25.51
	9656.00	2.37	151.75	9305.73	-1970.52	-1799.96	802.09	0.21	401278.55	673277.94	N 32 6 7.18	W 103 46 25.49
2nd Bone Spring Shale	9738.33	2.10	160.99	9388.00	-1973.72	-1802.88	803.38	0.55	401275.63	673279.24	N 32 6 7.15	W 103 46 25.47
	9751.00	2.06	162.62	9400.66	-1974.18	-1803.32	803.53	0.55	401275.19	673279.38	N 32 6 7.15	W 103 46 25.47
	9846.00	0.67	143.99	9495.64	-1976.41	-1805.39	804.36	1.52	401273.11	673280.22	N 32 6 7.13	W 103 46 25.46
	9941.00	0.77	90.36	9590.63	-1977.23	-1805.85	805.33	0.69	401272.66	673281.18	N 32 6 7.12	W 103 46 25.45
	10036.00	0.71	50.65	9685.62	-1977.34	-1805.48	806.42	0.53	401273.03	673282.27	N 32 6 7.13	W 103 46 25.44
2nd Bone Spring Lime	10037.38	0.72	48.29	9687.00	-1977.34	-1805.47	806.43	2.27	401273.04	673282.29	N 32 6 7.13	W 103 46 25.44
	10131.00	2.47	354.68	9780.58	-1975.26	-1803.07	806.69	2.27	401275.44	673282.54	N 32 6 7.15	W 103 46 25.43
	10225.00	3.61	358.46	9874.45	-1970.62	-1798.09	806.42	1.23	401280.41	673282.27	N 32 6 7.20	W 103 46 25.44
	10320.00	2.29	5.99	9969.32	-1966.23	-1793.21	806.54	1.45	401285.29	673282.39	N 32 6 7.25	W 103 46 25.43
2nd Bone Spring Ss	10337.69	2.13	11.79	9987.00	-1965.66	-1792.54	806.64	1.54	401285.96	673282.49	N 32 6 7.25	W 103 46 25.43
	10415.00	1.81	45.76	10064.27	-1964.08	-1790.28	807.81	1.54	401288.23	673283.66	N 32 6 7.28	W 103 46 25.42
	10510.00	1.21	101.21	10159.24	-1964.16	-1789.43	809.87	1.58	401289.08	673285.72	N 32 6 7.28	W 103 46 25.40
	10605.00	2.23	176.45	10254.20	-1966.47	-1791.47	810.97	2.37	401287.04	673286.82	N 32 6 7.26	W 103 46 25.38
3rd Bone Spring Lm	10647.84	2.85	188.76	10297.00	-1968.14	-1793.35	810.86	1.93	401285.15	673286.71	N 32 6 7.25	W 103 46 25.38
	10700.00	3.72	197.72	10349.08	-1970.48	-1796.25	810.14	1.93	401282.26	673286.00	N 32 6 7.22	W 103 46 25.39
	10796.00	4.63	219.79	10444.83	-1974.47	-1802.19	806.72	1.91	401276.31	673282.57	N 32 6 7.16	W 103 46 25.43
	10891.00	5.57	218.50	10539.45	-1978.24	-1808.75	801.39	1.00	401269.76	673277.24	N 32 6 7.09	W 103 46 25.50
Tie In	10961.00	6.86	206.39	10609.04	-1982.42	-1815.15	797.42	2.62	401263.36	673273.27	N 32 6 7.03	W 103 46 25.54
	11000.00	6.86	206.39	10647.76	-1985.36	-1819.32	795.35	0.00	401259.18	673271.20	N 32 6 6.99	W 103 46 25.57
PTB; Hold	11027.00	6.86	206.39	10674.57	-1987.40	-1822.21	793.91	0.00	401256.29	673269.77	N 32 6 6.96	W 103 46 25.58
Harkey SS	11046.57	6.86	206.39	10694.00	-1988.87	-1824.31	792.88	0.00	401254.20	673268.73	N 32 6 6.94	W 103 46 25.59
	11100.00	6.86	206.39	10747.04	-1992.90	-1830.02	790.04	0.00	401248.48	673265.89	N 32 6 6.88	W 103 46 25.63
KOP, Build 8"/100' DLS	11198.27	6.86	206.39	10844.61	-2000.31	-1840.54	784.82	0.00	401237.97	673260.68	N 32 6 6.78	W 103 46 25.69
	11200.00	6.75	207.07	10846.33	-2000.44	-1840.72	784.73	8.00	401237.79	673260.58	N 32 6 6.78	W 103 46 25.69
	11300.00	4.69	294.00	10945.98	-2001.04	-1844.30	778.31	8.00	401234.21	673254.17	N 32 6 6.74	W 103 46 25.77
	11400.00	11.23	331.03	11045.01	-1988.25	-1834.10	769.85	8.00	401244.41	673245.70	N 32 6 6.84	W 103 46 25.86
	11500.00	18.93	339.75	11141.51	-1962.32	-1810.32	759.50	8.00	401268.19	673235.36	N 32 6 7.08	W 103 46 25.98
3rd Bone Spring Ss	11528.20	21.14	341.08	11168.00	-1952.70	-1801.22	756.27	8.00	401277.29	673232.13	N 32 6 7.17	W 103 46 26.02
	11600.00	26.80	343.51	11233.59	-1923.76	-1773.43	747.47	8.00	401305.07	673223.33	N 32 6 7.45	W 103 46 26.12
	11700.00	34.72	345.65	11319.45	-1873.32	-1724.15	734.00	8.00	401354.36	673209.86	N 32 6 7.93	W 103 46 26.27
	11800.00	42.67	347.08	11397.44	-1811.98	-1663.42	719.34	8.00	401415.07	673195.19	N 32 6 8.54	W 103 46 26.44
	11900.00	50.64	348.12	11466.02	-1740.93	-1592.45	703.78	8.00	401486.05	673179.63	N 32 6 9.24	W 103 46 26.62
Red Hills SS	11963.37	55.69	348.67	11504.00	-1691.51	-1542.78	693.59	8.00	401535.71	673169.45	N 32 6 9.73	W 103 46 26.73
	12000.00	58.61	348.96	11523.87	-1661.55	-1512.60	687.62	8.00	401565.89	673163.48	N 32 6 10.03	W 103 46 26.80
Wolfcamp	12097.84	66.41	349.64	11569.00	-1577.32	-1427.37	671.53	8.00	401651.11	673147.39	N 32 6 10.87	W 103 46 26.98
	12100.00	66.58	349.66	11569.86	-1575.40	-1425.43	671.18	8.00	401653.06	673147.04	N 32 6 10.89	W 103 46 26.99
Wolfcamp X	12174.93	72.56	350.13	11596.00	-1507.41	-1356.33	658.86	8.00				

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
Turn 2°/100' DLS	14000.00	90.00	351.37	11629.00	245.82	444.40	383.26	0.00	403522.77	672859.14	N 32 6 29.41	W 103 46 30.22
	14100.00	90.00	351.37	11629.00	342.03	543.27	368.26	0.00	403621.63	672844.13	N 32 6 30.39	W 103 46 30.39
	14200.00	90.00	351.37	11629.00	438.24	642.13	353.25	0.00	403720.50	672829.13	N 32 6 31.37	W 103 46 30.56
	14300.00	90.00	351.37	11629.00	534.45	741.00	338.24	0.00	403819.36	672814.12	N 32 6 32.35	W 103 46 30.73
	14393.44	90.00	351.37	11629.00	624.34	833.38	324.22	0.00	403911.73	672800.10	N 32 6 33.26	W 103 46 30.88
	14400.00	90.00	351.24	11629.00	630.65	839.87	323.23	2.00	403918.22	672799.11	N 32 6 33.33	W 103 46 30.89
	14500.00	90.00	349.24	11629.00	727.38	938.42	306.28	2.00	404016.76	672782.16	N 32 6 34.30	W 103 46 31.09
	14600.00	90.00	347.24	11629.00	824.93	1036.31	285.90	2.00	404114.65	672761.78	N 32 6 35.27	W 103 46 31.32
	14700.00	90.00	345.24	11629.00	923.18	1133.44	262.11	2.00	404211.77	672737.99	N 32 6 36.24	W 103 46 31.59
	14800.00	90.00	343.24	11629.00	1022.03	1229.67	234.95	2.00	404308.00	672710.83	N 32 6 37.19	W 103 46 31.90
Hold to TD	14900.00	90.00	341.24	11629.00	1121.34	1324.90	204.44	2.00	404403.22	672680.33	N 32 6 38.13	W 103 46 32.25
	15000.00	90.00	339.24	11629.00	1221.00	1419.01	170.64	2.00	404497.32	672646.53	N 32 6 39.07	W 103 46 32.63
	15100.00	90.00	337.24	11629.00	1320.88	1511.88	133.56	2.00	404590.19	672609.46	N 32 6 39.99	W 103 46 33.06
	15200.00	90.00	335.24	11629.00	1420.87	1603.39	93.27	2.00	404681.70	672569.17	N 32 6 40.89	W 103 46 33.52
	15300.00	90.00	333.24	11629.00	1520.84	1693.45	49.81	2.00	404771.75	672525.71	N 32 6 41.79	W 103 46 34.02
	15400.00	90.00	331.24	11629.00	1620.67	1781.94	3.24	2.00	404860.23	672479.14	N 32 6 42.67	W 103 46 34.56
	15461.84	90.00	330.00	11629.00	1682.28	1835.82	-27.10	2.00	404914.12	672448.80	N 32 6 43.20	W 103 46 34.91
	15500.00	90.00	330.00	11629.00	1720.26	1868.87	-46.18	0.00	404947.16	672429.72	N 32 6 44.53	W 103 46 35.13
	15600.00	90.00	330.00	11629.00	1819.79	1955.47	-96.18	0.00	405033.76	672379.73	N 32 6 45.39	W 103 46 35.70
	15700.00	90.00	330.00	11629.00	1919.33	2042.08	-146.17	0.00	405120.36	672329.74	N 32 6 45.25	W 103 46 36.28
	15800.00	90.00	330.00	11629.00	2018.86	2128.68	-196.17	0.00	405206.96	672279.74	N 32 6 46.11	W 103 46 36.86
	15900.00	90.00	330.00	11629.00	2118.39	2215.29	-246.17	0.00	405293.56	672229.75	N 32 6 46.97	W 103 46 37.43
	16000.00	90.00	330.00	11629.00	2217.93	2301.89	-296.16	0.00	405380.16	672179.75	N 32 6 47.83	W 103 46 38.01
	16100.00	90.00	330.00	11629.00	2317.46	2388.50	-346.16	0.00	405466.76	672129.76	N 32 6 48.69	W 103 46 38.58
	16200.00	90.00	330.00	11629.00	2416.99	2475.10	-396.16	0.00	405553.35	672079.76	N 32 6 49.55	W 103 46 39.16
	16300.00	90.00	330.00	11629.00	2516.53	2561.70	-446.16	0.00	405639.95	672029.77	N 32 6 50.41	W 103 46 39.74
	16400.00	90.00	330.00	11629.00	2616.06	2648.31	-496.15	0.00	405726.55	671979.78	N 32 6 51.27	W 103 46 40.31
	16500.00	90.00	330.00	11629.00	2715.59	2734.91	-546.15	0.00	405813.15	671929.78	N 32 6 52.12	W 103 46 40.89
	16600.00	90.00	330.00	11629.00	2815.13	2821.52	-596.15	0.00	405899.75	671879.79	N 32 6 52.98	W 103 46 41.46
	16700.00	90.00	330.00	11629.00	2914.66	2908.12	-646.14	0.00	405986.35	671829.79	N 32 6 53.84	W 103 46 42.04
	16800.00	90.00	330.00	11629.00	3014.19	2994.73	-696.14	0.00	406072.95	671779.80	N 32 6 54.70	W 103 46 42.62
	16900.00	90.00	330.00	11629.00	3113.73	3081.33	-746.14	0.00	406159.55	671729.81	N 32 6 55.56	W 103 46 43.19
	17000.00	90.00	330.00	11629.00	3213.26	3167.93	-796.14	0.00	406246.15	671679.81	N 32 6 56.42	W 103 46 43.77
	17100.00	90.00	330.00	11629.00	3312.79	3254.54	-846.13	0.00	406332.75	671629.82	N 32 6 57.28	W 103 46 44.34
	17200.00	90.00	330.00	11629.00	3412.33	3341.14	-896.13	0.00	406419.35	671579.82	N 32 6 58.14	W 103 46 44.92
	17300.00	90.00	330.00	11629.00	3511.86	3427.75	-946.13	0.00	406505.94	671529.83	N 32 6 59.00	W 103 46 45.50
	17400.00	90.00	330.00	11629.00	3611.39	3514.35	-996.12	0.00	406592.54	671479.84	N 32 6 59.86	W 103 46 46.07
	17500.00	90.00	330.00	11629.00	3710.93	3600.95	-1046.12	0.00	406679.14	671429.84	N 32 7 0.72	W 103 46 46.65
	17600.00	90.00	330.00	11629.00	3810.46	3687.56	-1096.12	0.00	406765.74	671379.85	N 32 7 1.58	W 103 46 47.22
	17700.00	90.00	330.00	11629.00	3909.99	3774.16	-1146.11	0.00	406852.34	671329.85	N 32 7 2.44	W 103 46 47.80
	17800.00	90.00	330.00	11629.00	4009.53	3860.77	-1196.11	0.00	406938.94	671279.86	N 32 7 3.30	W 103 46 48.38
	17900.00	90.00	330.00	11629.00	4109.06	3947.37	-1246.11	0.00	407025.54	671229.86	N 32 7 4.16	W 103 46 48.95
	18000.00	90.00	330.00	11629.00	4208.59	4033.98	-1296.11	0.00	407112.14	671179.87	N 32 7 5.02	W 103 46 49.53
	18100.00	90.00	330.00	11629.00	4308.13	4120.58	-1346.10	0.00	407198.74	671129.88	N 32 7 5.88	W 103 46 50.11
	18200.00	90.00	330.00	11629.00	4407.66	4207.18	-1396.10	0.00	407285.34	671079.88	N 32 7 6.74	W 103 46 50.68
	18300.00	90.00	330.00	11629.00	4507.19	4293.79	-1446.10	0.00	407371.94	671029.89	N 32 7 7.60	W 103 46 51.26
	18400.00	90.00	330.00	11629.00	4606.72	4380.39	-1496.09	0.00	407458.54	670979.89	N 32 7 8.46	W 103 46 51.83
	18500.00	90.00	330.00	11629.00	4706.26	4467.00	-1546.09	0.00	407545.13	670929.90	N 32 7 9.32	W 103 46 52.41
	18600.00	90.00	330.00	11629.00	4805.79	4553.60	-1596.09	0.00	407631.73	670879.91	N 32 7 10.17	W 103 46 52.99
	18700.00	90.00	330.00	11629.00	4905.32	4640.21	-1646.09	0.00	407718.33	670829.91	N 32 7 11.03	W 103 46 53.56
18800.00	90.00	330.00	11629.00	5004.86	4726.81	-1696.08	0.00	407804.93	670779.92	N 32 7 11.89	W 103 46 54.14	
18900.00	90.00	330.00	11629.00	5104.39	4813.41	-1746.08	0.00	407891.53	670729.92	N 32 7 12.75	W 103 46 54.71	
19000.00	90.00	330.00	11629.00	5203.92	4900.02	-1796.08	0.00	407978.13	670679.93	N 32 7 13.61	W 103 46 55.29	
19100.00	90.00	330.00	11629.00	5303.46	4986.62	-1846.07	0.00	408064.73	670629.94	N 32 7 14.47	W 103 46 55.87	
19200.00	90.00	330.00	11629.00	5402.99	5073.23	-1896.07	0.00	408151.33	670579.94	N 32 7 15.33	W 103 46 56.44	
19300.00	90.00	330.00	11629.00	5502.52	5159.83	-1946.07	0.00	408237.93	670529.95	N 32 7 16.19	W 103 46 57.02	
19400.00	90.00	330.00	11629.00	5602.06	5246.44	-1996.06	0.00	408324.53	670479.95	N 32 7 17.05	W 103 46 57.60	
19500.00	90.00	330.00	11629.00	5701.59	5333.04	-2046.06	0.00	408411.13	670429.96	N 32 7 17.91	W 103 46 58.17	
19600.00	90.00	330.00	11629.00	5801.12	5419.64	-2096.06	0.00	408497.73	670379.96	N 32 7 18.77	W 103 46 58.75	
19700.00	90.00	330.00	11629.00	5900.66	5506.25	-2146.06	0.00	408584.32	670329.97	N 32 7 19.63	W 103 46 59.32	
19800.00	90.00	330.00	11629.00	6000.19	5592.85	-2196.05	0.00	408670.92	670279.98	N 32 7 20.49	W 103 46 59.90	
19900.00	90.00	330.00	11629.00	6099.72	5679.46	-2246.05	0.00	408757.52	670229.98	N 32 7 21.35	W 103 47 0.48	
20000.00	90.00	330.00	11629.00	6199.26	5766.06	-2296.05	0.00	408844.12	670179.99	N 32 7 22.21	W 103 47 1.05	
20100.00	90.00	330.00	11629.00	6298.79	5852.67	-2346.04	0.00	408930.72	670129.99	N 32 7 23.07	W 103 47 1.63	
20200.00	90.00	330.00	11629.00	6398.32	5939.27	-2396.04	0.00	409017.32	670080.00	N 32 7 23.93	W 103 47 2.21	
20300.00	90.00	330.00	1162									

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")
Description	Part	MD From (ft)	MD To (ft)	EOU Freq (ft)	Hole Size (in)	Casing Diameter (in)	Expected Max Inclination (deg)	Survey Tool Type	Borehole / Survey			
	1	0.000	30.000	Act Stns	14.750	11.750		A008Mb_MWD+IFR1+MS-Depth Only	Poker Lake Unit 28-21 BS 156H / XTO Poker Lake Unit 28-21 BS 156H 0' to Update			
	1	30.000	10961.000	Act Stns	14.750	11.750		A008Mb_MWD+IFR1+MS	Poker Lake Unit 28-21 BS 156H / XTO Poker Lake Unit 28-21 BS			
	1	10961.000	11000.000	1/100.000	8.750	7.625		A008Mb_MWD+IFR1+MS	Poker Lake Unit 28-21 BS 156H / XTO Poker Lake Unit 28-21 BS			
	1	11000.000	23082.338	1/100.000	6.750	5.500		A008Mb_MWD+IFR1+MS	Poker Lake Unit 28-21 BS 156H / XTO Poker Lake Unit 28-21 BS			

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

ExxonMobil
Poker Lake Unit 28-21 BS 156H
TD 23030 MD / 11526 TVD
SHL: 536' FNL & 710' FEL , Section 28, T25S, R31E
BHL: 2636' FSL & 826' FWL , Section 16, T25S, R31E
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
Rustler	837'	Water
Top of Salt	1240'	Water
Base of Salt	4047'	Water
Delaware	4261'	Water
Brushy Canyon	6526'	Water/Oil/Gas
Bone Spring	8189'	Water
1st Bone Spring Ss	9202'	Water/Oil/Gas
2nd Bone Spring Ss	9978'	Water/Oil/Gas
3rd Bone Spring Ss	11159'	Water/Oil/Gas
Wolfcamp	11560'	Water/Oil/Gas
Wolfcamp X	11587'	Water/Oil/Gas
Target/Land Curve	11620'	Water/Oil/Gas

	INC °	Azimuth °	TVD (ft)	Y offset (ft)	X offset (ft)
SHL	0	0	0	0.00	0.00
KOP	3.94	225.38	10787.00	-1832.50	790.00
LP	89.59	342.84	11565.80	-1244.70	626.20
FTP	88.93	350.05	11628.90	-94.00	451.20
LTP	90.91	328.50	11529.00	8249.10	-3699.60
BHL	90.46	336.74	11526.10	8455.20	-3803.50

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
14.75"	0' - 1,196'	1,196'	11.75"	54	J55	BTC	New	1.21	4.88	16.8
8.75"	0' - 4,003'	3,793'	7.625"	29.7	RY P-110	Flush Joint	New	2.15	2.65	1.8
8.75"	4,003' - 11,017'	10,665'	7.625"	29.7	HC L-80	Flush Joint	New	1.57	1.92	2.13
6.75"	0' - 10,830'	10,478'	5.5"	23	RY P-110	Semi-Premium: Freedom HTQ	New	1.21	2.36	2.55
6.75"	10,830' - 22,890'	11,528'	5.5"	23	RY P-110	Semi-Flush: Talon HTQ	New	1.21	2.08	12.43

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 (ft ³ /sack)	TOC (ft)	Casing Setting Depth (MD)	Excess (%)	Slurry Description
Surface 1	Lead	290	12.9	1.87	30'		150%	
Surface 1	Tail	190	14.8	1.35	896'	1,196'	150%	Surface 1 Class C Tail Cement
Intermediate 1	Lead				30'	4,003'		
Intermediate 1	Tail	360	14.8	1.35	5,300'	11,017'	50%	Intermediate 1 Class H Tail Cement
Production 1	Lead					10,830'		
Production 1	Tail	140	13.2	1.51	6,419'	22,890'	30%	Production 1 VersaCem Tail Cement
Remedial Cementing								
Casing	Slurry Type	No. Sacks	Density (ppg)	Yield (ft ³ /sack)	Cemented Interval	Excess (%)	Slurry Description	
Intermediate 1	Squeeze(Lead/Tail)	730	14.8	1.33	30 - 6526	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	Viscosity	Fluid Loss	Comments
			(ppg)	(sec/qt)	(cc)	
0' - 1,211'	14.75"	FW/Native	8.7 - 9.2	35 - 40	NC	Fresh Water or Native Water
1,211' - 11,027'	8.75"	FW / Cut Brine / Direct Emulsion	9.7 - 10.2	30 - 32	NC	Fluid type will be based upon on well conditions. A fully saturated system will be used across the salt interval.
11,027' - 23,030'	6.75"	OBM	11.5 - 12	50 - 60	NC - 20	OBM or Cut Brine depending on Well Conditions

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

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 11.75" casing.

8. Logging, Coring and Testing Program

Open hole logging will not be done on this well.

9. Abnormal Pressures and Temperatures / Potential Hazards

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

CONDITIONS

Action 505178

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 505178
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	None	10/17/2025