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

Sundry Print Report
12/26/2023

Well Name: POKER LAKE UNIT	**Well Location:** T24S / R31E / SEC 28 / SESW / 32.183766 / -103.785756	**County or Parish/State:** EDDY / NM
Well Number: 199	**Type of Well:** CONVENTIONAL GAS WELL	**Allottee or Tribe Name:**
Lease Number: NMNM0522A	**Unit or CA Name:**	**Unit or CA Number:** NMNM71016AL
US Well Number: 3001536506	**Well Status:** Producing Gas Well	**Operator:** XTO PERMIAN OPERATING LLC

Accepted for record –NMOCD gc1/17/2024

LONG VO Digitally signed by LONG VO Date: 2024.01.03 10:25:34 -06'00'

Notice of Intent

Sundry ID: 2766282

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 12/15/2023

Time Sundry Submitted: 08:33

Date proposed operation will begin: 01/20/2024

Procedure Description: XTO Permian Operating, LLC. respectfully requests to plug and abandon the above mentioned well per the attached procedure, and proposed WBD. Please also see attached current WBD.

Surface Disturbance

Is any additional surface disturbance proposed?: No

Approval Subject to General Requirements and Special Stipulations Attached

NOI Attachments

Procedure Description

Poker_Lake_Unit_199_P_A_Procedure__Current_and_Proposed_WBDs_20231215083153.pdf

Well Name: PORTER LAKE UNIT	**Well Location:** T24S / R31E / SEC 28 / SESW / 32.183766 / -103.785756	**County or Parish/State:** EDDY / NM
Well Number: 199	**Type of Well:** CONVENTIONAL GAS WELL	**Allottee or Tribe Name:**
Lease Number: NMNM0522A	**Unit or CA Name:**	**Unit or CA Number:** NMNM71016AL
US Well Number: 3001536506	**Well Status:** Producing Gas Well	**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: KRISTEN HOUSTON

Signed on: DEC 15, 2023 08:32 AM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 HOLIDAY HILL ROAD BLDG 5

City: MIDLAND **State:** TX

Phone: (432) 620-6700

Email address: KRISTEN.HOUSTON@EXXONMOBIL.COM

Field

Representative Name:

Street Address:

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

Phone:

Email address:

PLUG AND ABANDONMENT
CONDITIONS OF APPROVAL

OPERATOR'S NAME:	**XTO Permian Operating LLC**
LEASE NO.:	**NMNM0522A**
WELL NAME & NO.:	**Poker Lake Unit 199**
US Well Number:	3001536506
LOCATION:	Section 28, T.24 S., R.31 E., NMPM
COUNTY:	Eddy County, New Mexico
Sundry ID:	**2766282**
Karst:	☒Low ☐Medium ☐High ☐Critical
Potash:	☐Secretary ☐R111P
Special Area:	☒Prairie Chicken ☐Capitan Reef

XTO Permian Operating, LLC respectfully requests approval to plug and abandon the above mentioned well. Also, see attached current and proposed WBDs.

1) MIRU plugging company. Set open top steel pit for plugging.

2) POOH LD rods and pump.

3) ND WH and NU 3K manual BOP. Function test BOP.

4) Unset the packer at 15,508'. POOH tbg.

5)MIRU WLU, RIH GR to 14,500'; RIH set CIBP at 14,470', pressure test to 500 PSI for 30 minutes; spot 28 SKS Class H cement from 14,470' to 14,102'. WOC and tag with tubing to verify TOC.

6) Perforate and squeeze 60 sxs Class H cement from 13728' to 13425'. WOC and Tag. (In 23 sxs/Out 37 sxs)

7) Perforate and squeeze 362 sxs Class H cement from 12600' to 11354'. WOC and Tag. (In 118 sxs/Out 244 sxs)

8) Perforate and squeeze 67 sxs Class H cement from 10050' to 9850'. WOC and Tag. (In 23 sxs/Out 44 sxs)

10) Perforate and squeeze from 8236' to 8054'. WOC and Tag. (In 21 sxs/Out 40 sxs)

11) Perforate and squeeze from 6000' to 5840'. WOC and Tag. (In 15 sxs/Out 29 sxs)

12) Perforate and squeeze from 4395' to 4100'. WOC and Tag. (In 27 sxs/Out 52 sxs)

13) Perforate and squeeze across casings from 4100' to 3813'. WOC and Tag. (In 26 sxs/Out 51 sxs/Out 71 sxs)

14) Perforate and squeeze across casings from 1008' to 898'. WOC and Tag. (In 10 sxs/Out 20 sxs/Out 28 sxs)

12) Perforate and squeeze from 100’ to surface across all casings. (In 9 sxs/Out 18 sxs/Out 25 sxs) Verify cement circulated to surface.

13) ND BOP and cut off wellhead 5’ below surface. RDMO PU, transport trucks, and pump truck.

14) Set P&A marker.

Approval Subject to General Requirements and Special Stipulations Attached

- **No more than 3000 feet between cement plugs in cased hole.**
- **Wait on Cement and Tag Top of Cement Requirement:**

  1. Shoe, Top of Salt, Base of Salt, DV tool, Perforate and Squeeze, Open Perforation.

  2. Formation plug is optional if a solid base is established and confirmed.

Pre-Pull Report

Well Name: Poker Lake Unit 199

API/UWI	SAP Cost Center ID	Permit Number	State/Province	County
3001536506	1138791001		New Mexico	Eddy

Surface Location	Spud Date	Original KB Elevation (ft)	Ground Elevation (ft)	KB-Ground Distance (ft)	Surface Casing Flange Elevatio…
T24S-R31E-S28	1/8/2009 07:30	3,492.70	3,459.50	33.20	

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)
33.5	34.2	1.1	
38.1	38.8	1.1	
100.1	100.8	1.1	
577.1	577.7	1.1	Rustler (final)
909.4	910.0	1.1	
957.0	957.5	1.1	Salt (final)
1,009.8	1,010.4	1.1	
2,402.9	2,403.1	1.1	
2,649.9	2,650.2	1.1	Salt Base (final)
4,061.4	4,061.3	1.1	
4,247.7	4,247.6	1.1	
4,343.2	4,343.1	1.1	
4,357.0	4,356.9	1.1	Bell Canyon (fin…
5,850.1	5,849.7	1.1	
6,492.1	6,491.6	1.1	Brushy Canyon
8,049.9	8,049.1	1.1	Lower Brushy…
8,273.9	8,273.1	1.1	Avalon (final)
8,327.8	8,326.9	1.1	
9,153.9	9,152.9	1.1	1st Bone Sprin…
10,200.1	10,199.0	1.1	
11,299.9	11,298.5	1.1	3rd Bone Sprin…
11,600.1	11,598.6	1.1	Wolfcamp (final)
11,992.5	11,990.9	1.1	
12,190.0	12,188.4	1.1	
12,219.2	12,217.6	1.1	
12,455.1	12,453.5	1.1	
12,548.2	12,546.6	1.2	
12,600.1	12,598.4	1.3	
14,000.0	13,997.9	1.1	Middl TOC; 14,000.0; 5/30/2009
14,294.9	14,292.8	0.7	Upper Morrow (…
14,471.1	14,469.0	0.6	
14,534.1	14,532.0	0.7	
14,606.3	14,604.2	0.8	
14,629.9	14,627.8	0.8	
14,859.9	14,857.7	0.9	Bridge Plug - Permanent; 14,860.0-14,861.0 ftKB; 3/24/2018
14,868.1	14,865.9	0.9	
15,007.5	15,005.4	0.8	
15,029.2	15,027.0	0.8	
15,074.1	15,072.0	0.8	
15,125.0	15,122.8	0.8	X-Profile Plug; 15,123.0-15,125.0 ftKB; 1/26/2010
16,085.0	16,082.5	2.0	Lc Mississippian (final)
16,405.8	16,403.2	2.0	Woodford (final)
16,452.4	16,449.8	2.0	
16,541.7	16,538.9	2.4	Devonian (final)
16,754.9	16,751.9	4.0	

Surface; 26 in; 958.0 ftKB
Surface; 20 in; 958.0 ftKB
Intermediate; 17 1/2 in; 4,345.0 ftKB
Intermediate; 13 3/8 in; 4,345.0 ftKB
Intermediate; 12 1/4 in; 12,550.0 ftKB
Intermediate 2; 9 5/8 in; 12,550.0 ftKB
Production; 8 1/2 in; 14,637.0 ftKB
Liner; 7 5/8 in; 14,630.0 ftKB
Cement; Cement Plug; 15,009.0 ftKB
Production; 6 1/2 in; 16,543.0 ftKB
PBTD; 16,146.0 ftKB
Cement; Cement Plug; 16,755.0 ftKB
Production; 5 1/2 in; 16,543.0 ftKB
Open Hole; 3 7/8 in; 16,755.0 ftKB
TD - Original Hole; 16,755.0 ftKB

Wellbores

Wellbore Name	Parent Wellbore	Wellbore API/UWI	Lat/Long Datum	Latitude (°)	Longitude (°)
Original Hole	Original Hole	3001536506	NAD 27	32° 11' 1.226" N	103° 47' 5.766" W

Start Depth (ftKB)	Profile Type	Total Depth of Wellbore (ftKB)
30.0	Vertical	16,755.00

Survey Data

Measured Depth (ftKB)	Inclination (°)	DLS (°/100ft)

Kick Offs & Key Depths

Type	Top Depth (ftKB)

Top of Curve = KOP

Secondary Type	Planned Start Depth (ftKB)

Casing Strings

Casing Description	Set Depth (ftKB)	String Nominal OD (in)	Weight/Length (lb/ft)	String Grade
Surface	958.0	20	94.00	K-55
Intermediate	4,345.0	13 3/8	72.00	L-80
Intermediate 2	12,550.0	9 5/8	53.50	P-110
Liner	14,630.0	7 5/8	39.00	Q-125
Production	16,543.0	5 1/2	23.00	L-80

Marker Joint Details

Top Connection Thread	Joints	Length (ft)	Top Depth (ftKB)	Bottom Depth (ftKB)
LT&C	1	21.76	14,584.7	14,606.4
LT&C	1	21.82	15,007.5	15,029.3

Other In Hole

Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
1/26/2010	X-Profile Plug	1.87	15,123.0	15,125.0
3/24/2018	Bridge Plug - Permanent	3 5/8	14,860.0	14,861.0

Perforations

Date	Top (ftKB)	Btm (ftKB)	Linked Zone
3/30/2018	14,536.0	14,538.0	

PLU 199 - Proposed WBD

958’ Surface Casing Shoe

4327’ T/Delaware

4345’ Intermediate Casing Shoe 1

8186’ T/Bone Spring

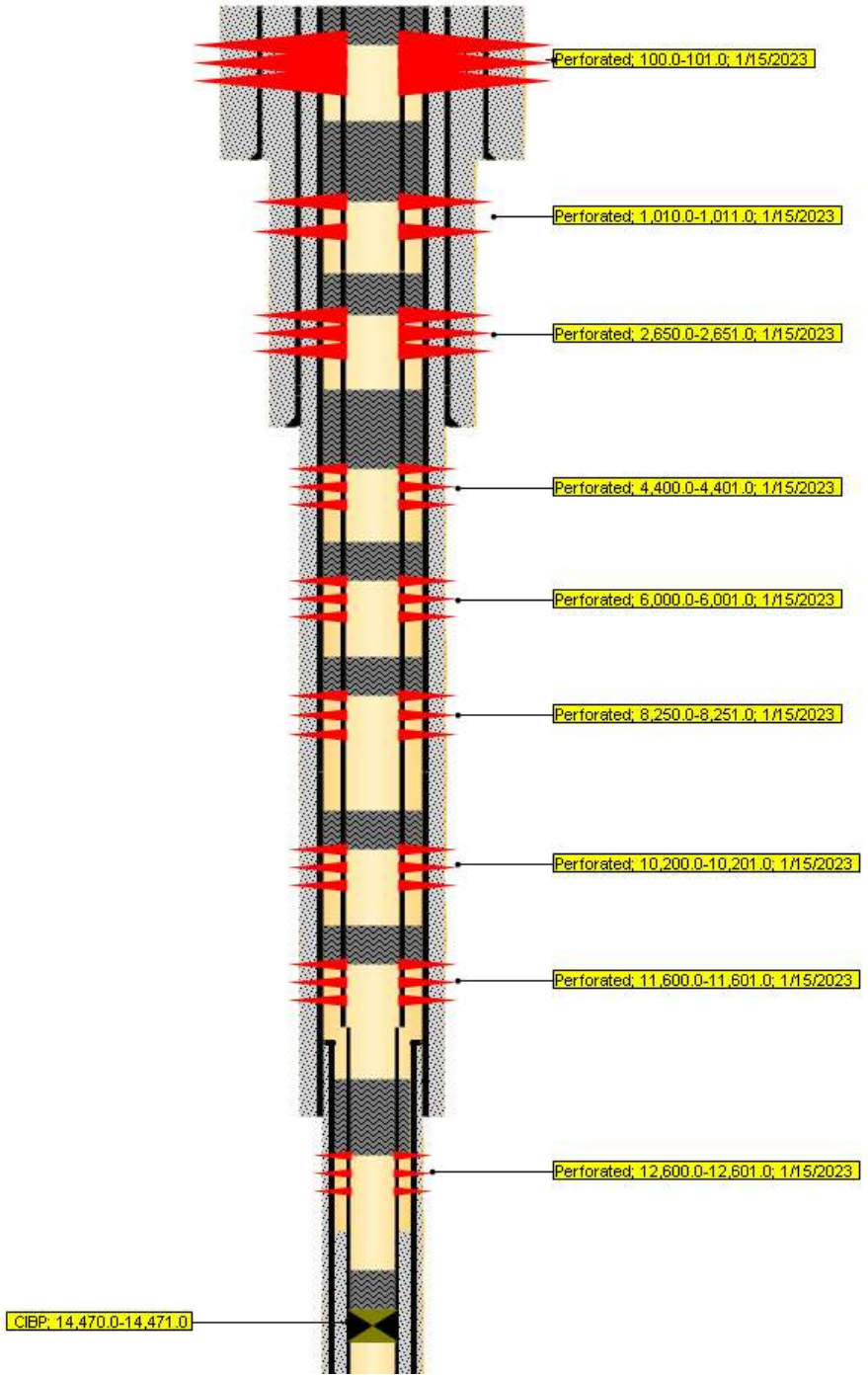
11520’ T/Wolfcamp

12550’ Intermediate Casing Shoe 2

14000’ TOC

14295’ T/Morrow

14536’ T/Perfs



Perf and circulate 100’ to surface.

Perf and squeeze 55 SKS Class C: 1,010’ to 860’. WOC and Tag.

Perf and squeeze 55 SKS Class C: 2650’ to 2,500’.

Perf and squeeze 70 SKS Class C: 4,400’ to 4,225’. WOC and Tag.

Perf and squeeze 55 SKS Class C: 6,000’ to 5,850’.

Perf and squeeze 85 SKS **Class H**: 8250’ to 8,050’.

Perf and squeeze 70 SKS **Class H**: 10,200’ to 10,050’.

Perf and squeeze 130 SKS **Class H**: 11,600’ to 11,300’.

Perf and squeeze 45 SKS **Class H**: 12,600’ to 12,450’. WOC and Tag.

Spot 50 SKS **Class H** atop CIBP: 14,470’ to 14,140’. PT CIBP to 500 PSIG for 30 min. WOC and Tag.

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Federal Wells
Conditions of Approval (LPC Habitat)

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **ninety (90)** days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. **Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-689-5981.**

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours. Tagging the plug means running in the hole with a string of tubing or drill pipe and placing sufficient weight on the plug to ensure its integrity. Other methods of tagging the plug may be approved by the BLM authorized officer or BLM field representative.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Below Ground Level Cap (Lesser Prairie-Chicken Habitat): All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.** Upon the plugging and subsequent abandonment of wells that are located in lesser prairie-chicken habitat, the casings shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). The well bore shall then be covered with a metal plate at least ¼ inch thick and welded in place. A weep hole shall be left in the plate and/or casing.

NMOCD also requires the operator to notify NMOCD when this type of dry hole marker is used. This can be done on the subsequent report of abandonment which is submitted to the BLM after the well is plugged. State that a below ground cap was installed as required in the COA's from the BLM.

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.

Timing Limitation Stipulation/ Condition of Approval for Lesser Prairie-Chicken:
From March 1st through June 15th annually, abandonment activities will be allowed except between the hours from 3:00 am and 9:00 am. Normal vehicle use on existing roads will not be restricted

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 E. Greene St.
Carlsbad, New Mexico 88220-6292
www.blm.gov/nm

In Reply Refer To: 1310

Reclamation Objectives and Procedures

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its pre-disturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any/all contaminants, scrap/trash, equipment, pipelines and powerlines (**Contact service companies, allowing plenty of time to have the risers and power lines and poles removed prior to reclamation, don't wait till the last day and try to get them to remove infrastructure)**. Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip (across the slope and seed as specified in the original APD COA. **This will apply to well pads, facilities, and access roads**. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.

2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.

3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.

4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you

have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.

6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.

7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos
Supervisory Petroleum Engineering Tech/Environmental Protection Specialist
575-234-5909 (Office), 575-361-2648 (Cell)

Arthur Arias
Environmental Protection Specialist
575-234-6230

Crisha Morgan
Environmental Protection Specialist
575-234-5987

Jose Martinez-Colon
Environmental Protection Specialist
575-234-5951

Mark Mattozzi
Environmental Protection Specialist
575-234-5713

Robert Duenas
Environmental Protection Specialist
575-234-2229

Doris Lauger Martinez
Environmental Protection Specialist
575-234-5926

Jaden Johnston
Environmental Protection Asst. (Intern)
575-234-6252

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. NMNM0522A

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No. NMNM71016AL

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

8. Well Name and No. POKER LAKE UNIT/199

2. Name of Operator XTO PERMIAN OPERATING LLC

9. API Well No. 3001536506

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 LOS MEDANOS/WILDCAT

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)* SEC 28/T24S/R31E/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.)

XTO Permian Operating, LLC. respectfully requests to plug and abandon the above mentioned well per the attached procedure, and proposed WBD. Please also see attached current WBD.

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)* KRISTEN HOUSTON / Ph: (432) 620-6700

Title Regulatory Analyst

Signature (Electronic Submission)

Date 12/15/2023

THE SPACE FOR FEDERAL OR STATE OFICE USE

Approved by

Title

Date

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

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: SESW / 1000 FSL / 1685 FWL / TWSP: 24S / RANGE: 31E / SECTION: 28 / LAT: 32.183766 / LONG: -103.785756 (TVD: 0 feet, MD: 16600 feet)

BHL: SESW / 1000 FSL / 1685 FWL / TWSP: 24S / SECTION: / LAT: 32.183766 / LONG: 103.785756 (TVD: 0 feet, MD: 16600 feet)

PLUG AND ABANDON WELLBORE
POKER LAKE UNIT 199
EDDY COUNTY, NEW MEXICO
Class II

MASIP	MAOP	MAWP	Surface Csg Yield
1,000 psi	1,000 psi	3,000 psi	2110 PSI

958' Surface Casing Shoe
4327' T/Delaware
4345' Intermediate Casing Shoe 1
8186' T/Bone Spring
11520' T/Wolfcamp
12550' Intermediate Casing Shoe 2
14000' TOC
14295' T/Morrow
14536' T/Perfs

Approval Subject to General Requirements

and Special Stipulations Attached

SUMMARY: Plug and abandon wellbore according to BLM regulations.

1) MIRU plugging company. Set open top steel pit for plugging.

2) POOH LD rods and pump.

3) ND WH and NU 3K manual BOP. Function test BOP.

4) Unset the packer at 15,508'. POOH tbg.

5) MIRU WLU, RIH GR to 14,500'; RIH set CIBP at 14,470', pressure test to 500 PSI for 30 minutes; spot 50 SKS **Class H** cement from 14,470' to 14,140'. WOC and tag to verify TOC. (T/ Perf, T/Morrow)

6) MIRU WLU, perforate at 12,600'.

7) Squeeze 45 SKS **Class H** cement from 12,600' to 12,450'. WOC and tag to verify TOC. (Intermediate Casing Shoe 2)

8) MIRU WLU, perforate at 11,600'.

9) Squeeze 130 SKS **Class H** cement from 11,600' to 11,300'. (T/Wolfcamp)

10) MIRU WLU, perforate at 10,200'.

11) Squeeze 70 SKS **Class H** cement from 10,200' to 10,050'. (3000' Requirement)

12) MIRU WLU, perforate at 8,250'.

13) Squeeze 85 SKS **Class H** cement from 8250' to 8,050'. (T/Bone Spring)

14) MIRU WLU, perforate at 6,000'.

15) Squeeze 55 SKS Class C cement from 6,000' to 5,850'. (3000' Requirement)

16) MIRU WLU, perforate at 4,400'.

17) Squeeze 70 SKS Class C cement from 4,400' to 4,225'. WOC and tag to verify TOC (Intermediate Casing Shoe 1, T/Delaware)

18) MIRU WLU, perforate at 2650'.

19) Squeeze 55 SKS Class C cement from 2650' to 2,500'. (3000' Requirement)

20) MIRU WLU, perforate at 1,010'.

21) Squeeze 55 SKS Class C cement from 1,010' to 860'. WOC and tag to verify TOC (Surface Casing Shoe)

22) MIRU WLU, perforate at 100'.

23) Circulate Class C cement until returns at surface. (~25 SKS)

24) ND BOP and cut off wellhead 5' below surface. RDMO PU, transport trucks, and pump truck.

25) Set P&A marker.

26) Pull fluid from steel tank and haul to disposal. Release steel tank.

Sundry ID	2766282						
Plug Type	**Top**	**Bottom**	**Length**	**Tag**	**Sacks**	**Cement Class**	**Notes**
Surface Plug	0.00	100.00	100.00	Tag/Verify	52.00	C	Perforate and squeeze from 100' to surface across all casing. (In 9 sxs/Out 18 sxs/Out 25 sxs) Verify at surface.
Top of Salt @ 958	898.42	1008.00	109.58	Tag/Verify			
20 inch- Shoe Plug	898.42	1008.00	109.58	Tag/Verify	58.00	C	Perforate and squeeze from 1008' to 898'. (In 10 sxs/Out 20 sxs/Out 28 sxs) WOC and Tag.
Delaware @ 3903	3813.97	3953.00	139.03	If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations			
Base of Salt @ 4108	4016.92	4158.00	141.08	Tag/Verify	148.00	C	Perforate and squeeze from 4100' to 3813'. (In 26 sxs/Out 51 sxs/Out 71 sxs) WOC and Tag.
13.375 inch- Shoe Plug	4251.55	4395.00	143.45	Tag/Verify	79.00	C	Perforate and squeeze from 4395' to 4100'. (In 27 sxs/Out 52 sxs) WOC and Tag.
Spacer @ 5950	5840.50	6000.00	159.50	If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations	44.00	H	Perforate and squeeze from 6000' to 5840'. (In 15 sxs/Out 29 sxs) WOC and Tag.

Bonesprings @ 8186	8054.14	8236.00	181.86	If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations	61.00	H	Perforate and squeeze from 8236' to 8054'. (In 21 sxs/Out 40 sxs) WOC and Tag.
Spacer @ 10000	9850.00	10050.00	200.00	If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations	67.00	H	Perforate and squeeze from 10050' to 9850'. (In 23 sxs/Out 44 sxs) WOC and Tag.
Wolfcamp @ 11520	11354.80	11570.00	215.20	If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations			
5.5 inch- Shoe Plug	11822.08	12042.00	219.92	Tag/Verify			

Liner Top @ 12189	12017.11	12239.00	221.89	If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations			
9.625 inch- Shoe Plug	12374.50	12600.00	225.50	Tag/Verify	362.00	H	Perforate and squeeze from 12600' to 11354'. (In 118 sxs/Out 244 sxs) WOC and Tag.
Strawn @ 13612	13425.88	13662.00	236.12	If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations			
Atoka @ 13678	13491.22	13728.00	236.78	If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations	60.00	H	Perforate and squeeze from 13728' to 13425'.(In 23 sxs/Out 37 sxs) WOC and Tag.

Morrow @ 14295	14102.05	14345.00	242.95	If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations			
Perforations Plug (If No CIBP)	14245.00	16118.00	1873.00	Tag/Verify			
7.625 inch- Shoe Plug	14433.70	14680.00	246.30	Tag/Verify			
CIBP Plug	14435.00	14470.00	35.00	If solid base no need to Tag (CIBP present and/or Mechanical Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforations	28.00	H	Tag CIBP and spot 28 sxs class H on top. Leak test CIBP. WOC and Tag at 14102'.
4.5 inch- Shoe Plug	16327.57	16593.00	265.43	Tag/Verify			

No more than 2000' is to be allowed between plugs in open hole, and no more than 3000' between plugs in cased hole.
Class H >7500'
Class C<7500'

Fluid used to mix the cement in R111P shall be saturated with the salts common to the section penetrated, and in suitable proportions, but not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.

Medium, Secretary: Top of salt to surface If no salt take the deepest fresh water or Karst Depth

High, Critical: Bottom of Karst to surface or Deepest fresh water, whichever is greater
R111P: 50 Feet from Base of Salt to surface.

Class C: 1.32 ft^3/sx
Class H: 1.06 ft^3/sx

Onshore Order 2.III.G Drilling Abandonment Requirements: "All formations bearing usable-quality water, oil, gas, or geothermal resources, and/or a prospectively valuable deposit of minerals shall be protected.

Cave Karst/Potash Cement Requirement:	Low		
20 inch- Shoe Plug @	958.00		
13.375 inch- Shoe Plug @	4345.00		
9.625 inch- Shoe Plug @	12550.00	TOC @	4139.00
7.625 inch- Shoe Plug @	14630.00	TOC @	12189.00
5.5 inch- Shoe Plug @	11992.00	TOC @	14000.00
4.5 inch- Shoe Plug @	16543.00	TOC @	14000.00
		Perforations	
Perforatons Top @	14295.00	Bottom @	16068.00
		CIBP @	14470.00

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

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

CONDITIONS

Action 299915

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 299915
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	1/17/2024