

Well Name: POKER LAKE UNIT	Well Location: T24S / R31E / SEC 22 / SESW /	County or Parish/State: EDDY / NM
Well Number: 400H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0506A	Unit or CA Name:	Unit or CA Number: NMNM71016AJ
US Well Number: 3001540802	Well Status: Producing Oil Well	Operator: XTO PERMIAN OPERATING LLC

Accepted for record – NMOCD gc8/15/2023

LONG VO

Digitally signed by LONG VO  
Date: 2023.08.07 12:27:21 -05'00'

### Notice of Intent

Sundry ID: 2741665

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 07/18/2023

Time Sundry Submitted: 06:23

Date proposed operation will begin: 08/18/2023

#### Procedure Description:

- 1) MIRU WLU, RIH work string; circulate and clean out the sand from top of retrievable bridge plug at 7380' and then retrieve it.
- 2) RIH GR to 8314' inside the 4.5" ; RIH set Packer at 8314'; spot 33 SKS Class H cement from 8314' to 8127'. WOC and tag to verify TOC. (T/Perfs) Leak Test.
- 3) Spot 35 SKS Class C cement from 5128' to 4914'. WOC and tag to verify TOC. (DV Tool)
- 4) Spot 64 SKS Class C cement from 4477' to 4088'. WOC and tag to verify TOC. (T/Delaware, Intermediate Casing Shoe, Base of Salt)
- 5) MIRU WLU, perforate at 1089'.
- 6) Squeeze 45 SKS Class C cement from 1089' to 951'.(Shoe)
- 7) MIRU WLU, perforate at 100'.
- 8) Squeeze 29 SKS Class C cement from 100' to surface.
- 9) ND BOP. RDMO PU, transport trucks, and pump truck. Cut Casing 3' below below ground level or base of cellar, whichever is greater.

### Surface Disturbance

Is any additional surface disturbance proposed?: No

### NOI Attachments

#### Procedure Description

PLU\_400H\_proposed\_WBD\_20230718182252.pdf

DHWP\_\_PLU\_400H\_20230718182228.pdf

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SESW /County or Parish/State: EDDY /  
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Well Number: 400H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM0506A

Unit or CA Name:

Unit or CA Number:  
NMNM71016AJ

US Well Number: 3001540802

Well Status: Producing Oil 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: AMANDA THAMES

Signed on: JUL 18, 2023 06:23 PM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 HOLIDAY HILL ROAD BLDG 5

City: MIDLAND

State: TX

Phone: (432) 221-7340

Email address: AMANDA.THAMES@EXXONMOBIL.COM

**Field**

Representative Name:

Street Address:

City:

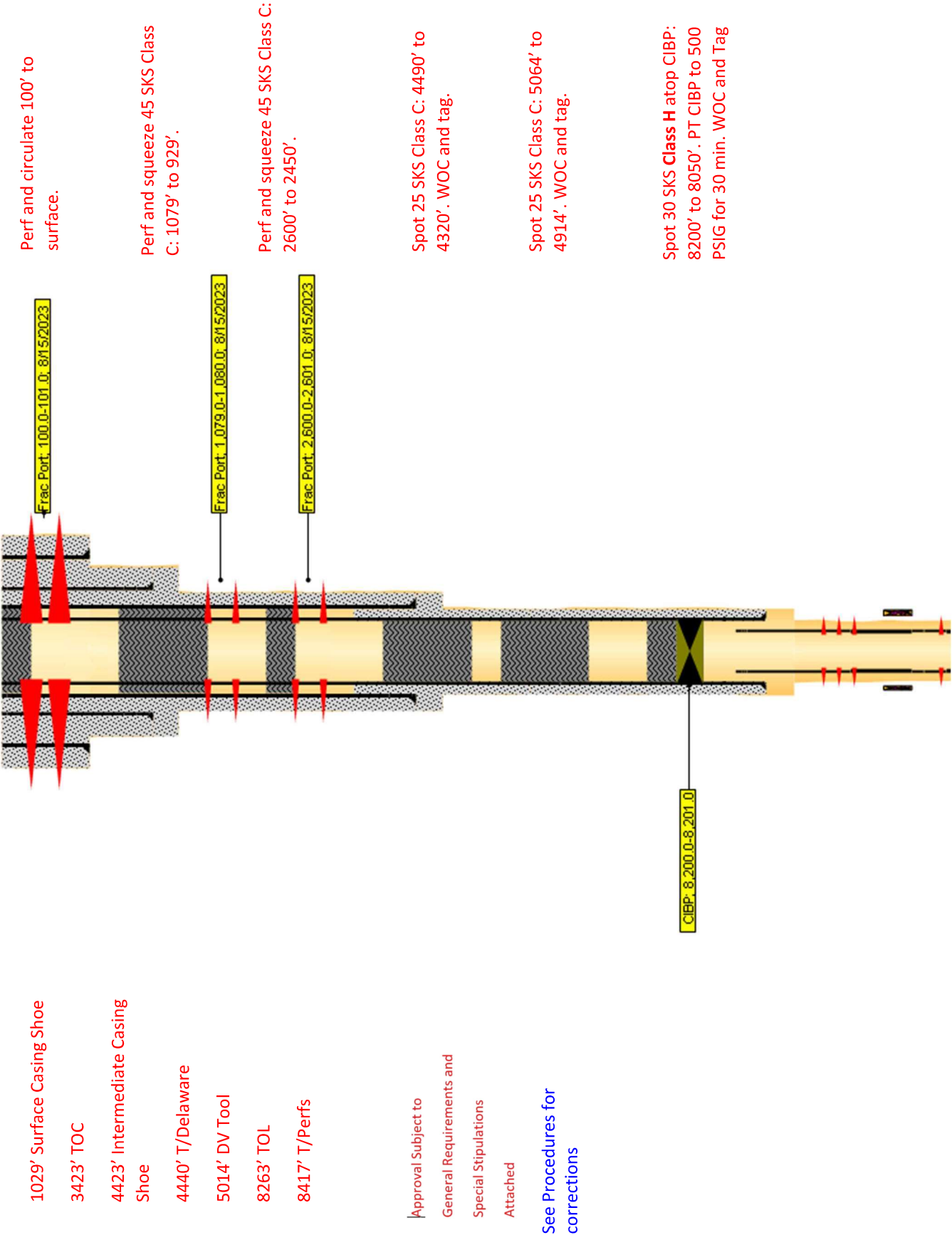
State:

Zip:

Phone:

Email address:

PLU 400H - Proposed WBD





# Downhole Well Profile - with Schematic

Well Name: POKER LAKE UNIT 400H

API/Well	SAP Cost Center ID	Permit Number	State/Province	County	Ground Elevation (ft)	KB-Ground Distance (ft)	Surface Casing Flange Elevation (ft)
3001540802	1140321001		New Mexico	Eddy	3,517.00	19.00	
Surface Location							
T24S-R31E-S23							

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)
929.1	930.0	0.8	Casing 1: 0.00 in; 0.0 ftKB
2,490.0	2,499.8	0.2	Conductor: 24 in; 121.0 ftKB
4,421.3	4,421.0	0.4	Surface: 17 1/2 in; 1,030.0 ftKB
5,094.0	5,090.7	0.2	Intermediate: 12 1/4 in; 4,424.0 ftKB
6,359.9	6,356.6	0.3	Intermediate: 12 1/4 in; 4,424.0 ftKB
7,107.0	7,106.7	0.8	Intermediate: 12 1/4 in; 4,424.0 ftKB
8,201.1	8,200.8	59.5	Intermediate: 12 1/4 in; 4,424.0 ftKB
8,396.0	8,395.7	63.1	Intermediate: 12 1/4 in; 4,424.0 ftKB
8,503.6	8,503.3	73.6	Intermediate: 12 1/4 in; 4,424.0 ftKB
8,646.0	8,645.7	88.6	Intermediate: 12 1/4 in; 4,424.0 ftKB
9,043.0	9,042.7	91.1	Intermediate: 12 1/4 in; 4,424.0 ftKB
9,290.3	9,289.9	89.2	Intermediate: 12 1/4 in; 4,424.0 ftKB
9,491.3	9,490.9	89.6	Intermediate: 12 1/4 in; 4,424.0 ftKB
9,779.2	9,778.9	88.7	Intermediate: 12 1/4 in; 4,424.0 ftKB
9,997.2	9,996.9	89.4	Intermediate: 12 1/4 in; 4,424.0 ftKB
10,282.2	10,281.9	90.9	Intermediate: 12 1/4 in; 4,424.0 ftKB
10,554.1	10,553.8	91.7	Intermediate: 12 1/4 in; 4,424.0 ftKB
10,915.0	10,914.7	87.7	Intermediate: 12 1/4 in; 4,424.0 ftKB
11,062.7	11,062.4	91.3	Intermediate: 12 1/4 in; 4,424.0 ftKB
11,384.8	11,384.5	90.5	Intermediate: 12 1/4 in; 4,424.0 ftKB
11,700.8	11,699.5	89.8	Intermediate: 12 1/4 in; 4,424.0 ftKB
11,851.0	11,850.7	92.2	Intermediate: 12 1/4 in; 4,424.0 ftKB
12,168.0	12,167.7	88.3	Intermediate: 12 1/4 in; 4,424.0 ftKB
12,530.5	12,530.2	89.1	Intermediate: 12 1/4 in; 4,424.0 ftKB
12,803.5	12,803.2	90.9	Intermediate: 12 1/4 in; 4,424.0 ftKB
12,994.1	12,993.8	91.3	Intermediate: 12 1/4 in; 4,424.0 ftKB
13,306.8	13,306.5	89.0	Intermediate: 12 1/4 in; 4,424.0 ftKB
13,413.4	13,413.1	88.1	Intermediate: 12 1/4 in; 4,424.0 ftKB
13,775.9	13,775.6	88.9	Intermediate: 12 1/4 in; 4,424.0 ftKB
14,100.1	14,099.8	91.4	Intermediate: 12 1/4 in; 4,424.0 ftKB
14,324.5	14,324.2	97.9	Intermediate: 12 1/4 in; 4,424.0 ftKB

Wellbore Name	Parent Wellbore	Wellbore API/Well
Original Hole	Original Hole	
Start Depth (ftKB)		19.0
Section Des	Hole Sz (in)	24
Conductor	Act Top (ftKB)	19.0
Surface	Act Btm (ftKB)	121.0
Intermediate		1,030.0
Intermediate		4,424.0
Production		8,337.0
Production		14,404.0
Zones		
Zone Name	Top (ftKB)	Btm (ftKB)
Lwr Brushy Canyon Y	19.0	
Current Status		

Csg Des	Set Depth (ftKB)	OD (in)	Wt/Len (lb/ft)	Grade
Conductor	121.0	20	90.00	F-25
Surface	1,029.0	13 3/8	48.00	H-40
Intermediate 1	4,423.0	9 5/8	40.00	HCP-110
Intermediate 2	8,336.0	7	26.00	N-80
Production	14,379.0	4 1/2	11.60	HCP-110
Cement				
Conductor Cement	Casing	11/21/2012	Top (ftKB)	Btm (ftKB)
Surface Casing Cement	Casing	11/23/2012	19.0	1,029.0
Intermediate Casing Cement	Casing	11/26/2012	19.0	4,423.0
Intermediate 2 Casing Cement	Casing	12/4/2012	5,014.0	8,336.0
Intermediate 2 Casing Cement	Casing	12/4/2012	3,423.0	5,014.0
Other In Hole				
Run Date	Des	OD (in)	Top (ftKB)	Btm (ftKB)
8/26/2015	No Cap String			
Perforations				
Date	Top (ftKB)	Btm (ftKB)	Linked Zone	
2/4/2013	8,417.0	8,418.0		
2/4/2013	8,642.0	8,643.0		
2/4/2013	9,042.0	9,043.0		
2/4/2013	9,281.0	9,282.0		
2/4/2013	9,595.0	9,596.0		
2/4/2013	9,961.0	9,962.0		
2/4/2013	10,279.0	10,280.0		
2/4/2013	10,553.0	10,554.0		
2/4/2013	10,915.0	10,916.0		
2/4/2013	11,240.0	11,241.0		
2/4/2013	11,523.0	11,524.0		
2/4/2013	11,847.0	11,848.0		

XTO Energy

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3001540802	1140321001		New Mexico	Eddy	3,536.00	19.00	
Surface Location							
T24S-R31E-S23							

MD (ftKB)	TVD (ftKB)	Incl (°)	Vertical schematic (actual)	Interval Number	Top (ftKB)	Blm (ftKB)	AIR (bbl/min)	MIR (bbl/min)	Proppant Total (lb)
925.1	920.0	0.8	RUSTLER (final)	1	14,326.0	14,327.0	49	51	0.0
2,480.0	2,488.8	0.2	SALADO (final)	2	14,100.0	14,101.0	49	51	0.0
4,421.3	4,421.0	0.4	TOC @: 3,423.0; 12/4/2012	3	13,775.0	13,776.0	49	51	0.0
5,094.0	5,090.7	0.2	DVT @: 5,014.9; 12/3/2012	4	13,409.0	13,410.0	49	51	0.0
6,359.8	6,356.8	0.3	Bridge Plug - Temporary; 7,380.0-7,391.2 ftKB; Set RBP for frac protect and test	5	13,176.0	13,177.0	49	51	0.0
7,107.0	7,106.7	0.8	KOP @: 7,512.0; 8/10/2022	6	12,811.0	12,812.0	49	51	0.0
8,201.1	8,200.8	59.5	W (final) Y (final) TOL @: 8,263.0;	7	12,532.0	12,533.0	49	51	0.0
8,396.0	8,392.2	63.1	X (final)	8	12,168.0	12,169.0	49	51	0.0
8,503.8	8,501.1	73.6	Frac Port: 5,417.0-8,415.0 ftKB	9	11,849.0	11,850.0	49	51	0.0
8,646.0	8,640.2	88.6	Fresh Water	10	11,525.0	11,526.0	49	51	0.0
9,043.0	9,039.8	91.1	Frac Port: 5,642.0-8,643.0 ftKB	11	11,242.0	11,243.0	49	51	0.0
9,290.8	9,287.2	89.2	Fresh Water	12	10,917.0	10,918.0	49	51	0.0
9,481.3	9,480.2	89.6	Frac Port: 5,281.0-8,282.0 ftKB	13	10,555.0	10,556.0	49	51	0.0
9,778.2	9,780.4	88.7	Fresh Water	14	10,281.0	10,282.0	49	51	0.0
9,987.2	9,981.4	89.4	Frac Port: 10,533.0-10,554.0 ftKB	15	9,963.0	9,964.0	49	51	0.0
10,282.2	10,287.9	90.9	Fresh Water	16	9,597.0	9,598.0	49	51	0.0
10,554.1	10,560.7	91.7	Frac Port: 9,915.0-9,916.0 ftKB	17	9,283.0	9,284.0	49	51	0.0
10,915.0	10,918.2	87.7	Fresh Water	18	9,044.0	9,045.0	49	51	0.0
11,062.7	11,067.7	91.3	Frac Port: 11,240.0-11,241.0 ftKB	19	8,644.0	8,645.0	49	51	0.0
11,384.8	11,380.7	90.5	Production: 6 1/8 in; 14,404.0 ftKB	20	8,419.0	8,420.0	49	51	0.0
11,700.8	11,697.1	89.8	Frac Port: 11,523.0-11,524.0 ftKB						
11,851.0	11,853.5	92.2	Fresh Water						
12,168.0	12,168.8	88.3	Frac Port: 12,166.0-12,167.0 ftKB						
12,530.5	12,530.5	89.1	Frac Port: 12,530.0-12,531.0 ftKB						
12,803.5	12,803.5	90.9	Frac Port: 12,809.0-12,810.0 ftKB						
12,994.1	12,999.9	91.3	Fresh Water						
13,306.8	13,306.8	89.0	Frac Port: 13,174.0-13,175.0 ftKB						
13,413.4	13,413.4	88.1	Frac Port: 13,407.0-13,408.0 ftKB						
13,775.9	13,775.9	88.9	Frac Port: 13,773.0-13,774.0 ftKB						
14,100.1	14,100.1	91.4	Frac Port: 14,095.0-14,096.0 ftKB						
14,324.5	14,324.5	97.9	Frac Port: 14,324.0-14,325.0 ftKB						
			Production: 4 1/2 in; 14,375.0 ftKB						
			P-10 - Original Rule: 14,404.0 ftKB						

**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 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> 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.

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 10<sup>th</sup> 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 1<sup>st</sup> through June 15<sup>th</sup> 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](http://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

Sundry ID		2741665					
Plug Type	Top	Bottom	Length	Tag	Sacks	Cement Class	Notes
Surface Plug	0.00	100.00	100.00	Tag/Verify	29.00	C	Perf and squeeze from 100' to surface. Verify at surface. (In 17 sxs/Out 12 sxs)
Top of Salt @ 1012	951.88	1062.00	110.12	Tag/Verify			
Shoe Plug	969.70	1089.00	119.30	Tag/Verify	40.00	C	Perf and squeeze from 1089' to 951'. (In 23 sxs/Out 17 sxs) WOC and Tag.
Base of Salt @ 4180	4088.20	4230.00	141.80	Tag/Verify			
Shoe Plug	4328.77	4473.00	144.23	Tag/Verify			
Delaware @ 4427	4332.73	4477.00	144.27	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	64.00	C	Spot cement from 4477' to 4088'. WOC and Tag.
DV tool plug	4914.85	5128.00	213.15	Tag/Verify	35.00	C	Spot cement from 5128' to 4914'. WOC and Tag.
Bonesprings @ 8260	8127.40	8310.00	182.60	If solid			
Top of Liner @ 8264	8131.36	8314.00	182.64	If solid			
CIBP Plug	8279.00	8314.00	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	33.00	H	Set Packer at 8314'. Spot cement from top of packer to 8127'. Leak Test Packer. WOC and Tag.

Shoe Plug	8202.64	8386.00	183.36	Tag/Verify			
Perforations Plug (If No CIBP)	8367.00	14375.00	6008.00	Tag/Verify			
Shoe Plug	14185.21	14429.00	243.79	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<sup>3</sup>/sx

Class H: 1.06 ft<sup>3</sup>/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	Low		
Shoe @	1030.00		
Shoe @	4423.00		
Shoe @	8336.00	TOC @	3400.00
Shoe @	14379.00		
Perforatons Top @	8417.00	Perforations	14325.00
DV Tool @	5015.00	CIBP @	8314.00

**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**

COMMENTS  
  
Action 249020

COMMENTS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 249020
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	8/15/2023

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CONDITIONS  
  
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CONDITIONS

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	Action Number: 249020
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CONDITIONS

Created By	Condition	Condition Date
gcordero	None	8/15/2023