

Well Name: POKER LAKE UNIT	Well Location: T24S / R30E / SEC 18 / NENE /	County or Parish/State: EDDY / NM
Well Number: 200	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM02860	Unit or CA Name: POKER LAKE DELAWARE C	Unit or CA Number: NMNM71016G
US Well Number: 3001532882	Well Status: Producing Oil Well	Operator: XTO PERMIAN OPERATING LLC

Accepted for record – NMOCD gc9/6/2022

Notice of Intent

Sundry ID: 2689073

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 08/24/2022

Time Sundry Submitted: 05:34

Date proposed operation will begin: 09/19/2022

Procedure Description: XTO Permian Operating LLC respectfully submits a NOI to PA sundry for the well above. The procedure and WBD is attached below.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

PLU_200_Proposed_WBD_20220824173257.pdf

PLU_200_Procedure_20220824173209.pdf

PLU_200_DHWP_20220824173043.pdf

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NENE /County or Parish/State: EDDY /
NM

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Unit or CA Name: POKER LAKE
DELAWARE CUnit or CA Number:
NMNM71016G

US Well Number: 3001532882

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: CASSIE EVANS

Signed on: AUG 24, 2022 05:33 PM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 Holiday Hill Road, Bldg 5

City: Midland

State: TX

Phone: (432) 218-3671

Email address: CASSIE.EVANS@EXXONMOBIL.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: KEITH P IMMATTY

BLM POC Title: ENGINEER

BLM POC Phone: 5759884722

BLM POC Email Address: KIMMATTY@BLM.GOV

Disposition: Approved

Disposition Date: 09/01/2022

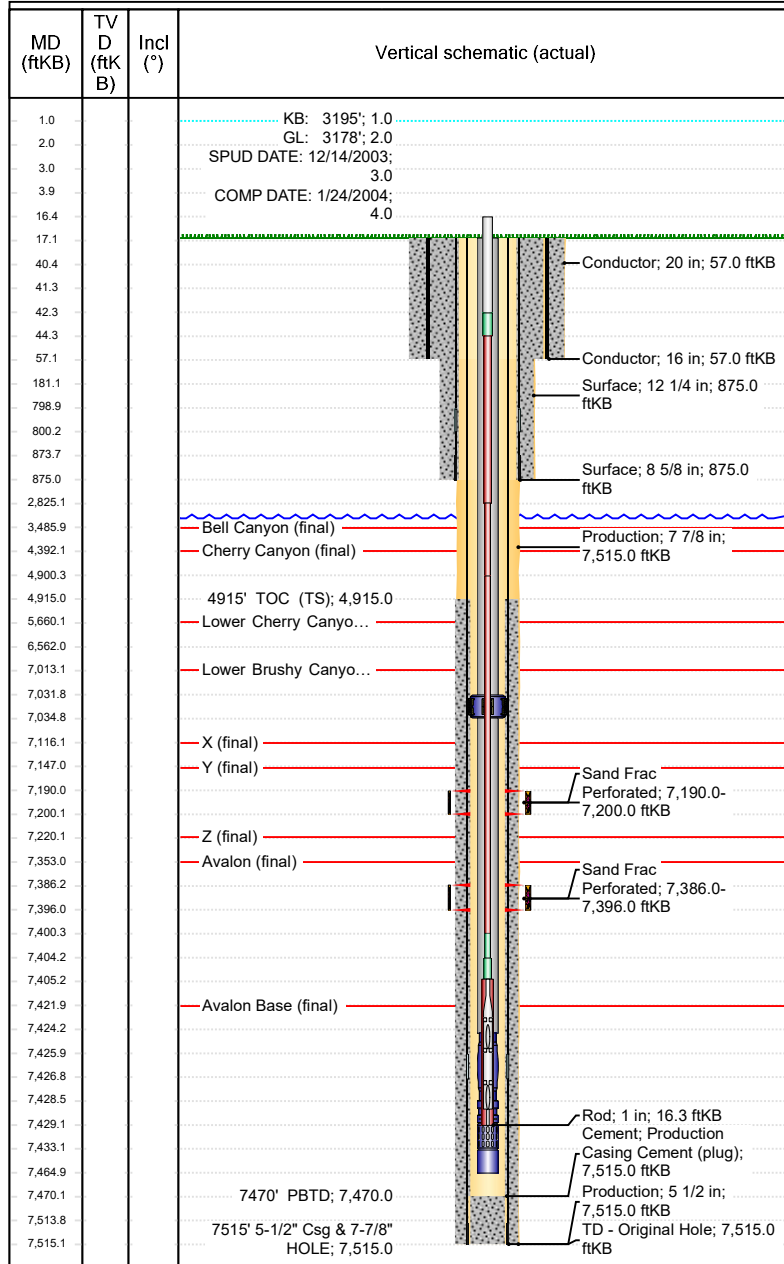
Signature: Keith Immatty



Downhole Well Profile - with Schematic

Well Name: POKER LAKE UNIT 200

API/UWI 3001532882	SAP Cost Center ID 1137771001	Permit Number	State/Province New Mexico	County Eddy	Ground Elevation (ft) 3,178.00	KB-Ground Distance (ft) 17.00	Surface Casing Flange Elevatio...
Surface Location T24S-R30E-S18	Spud Date 12/14/2003 01:00	Original KB Elevation (ft) 3,195.00	Ground Elevation (ft) 3,178.00	KB-Ground Distance (ft) 17.00	Surface Casing Flange Elevatio...		



Wellbores							
Wellbore Name Original Hole		Parent Wellbore			Wellbore API/UWI		
Start Depth (ftKB)				Profile Type			
Section Des		Hole Sz (in)		Act Top (ftKB)		Act Btm (ftKB)	
Conductor		20		17.0		57.0	
Surface		12 1/4		57.0		875.0	
Production		7 7/8		875.0		7,515.0	
Zones							
Zone Name		Top (ftKB)		Btm (ftKB)		Current Status	
Lwr Brushy Canyon Y							
Avalon Sand							
Del/Av							
Casing Strings							
Csg Des		Set Depth (ftKB)		OD (in)		Wt/Len (lb/ft)	
Conductor		57.0		16		94.00	
Surface		875.0		8 5/8		32.00	
Production		7,515.0		5 1/2		15.50	
Grade							
Conductor						J55	
Surface						J55	
Production							
Cement							
Des		Type		Start Date		Top (ftKB)	
Conductor Cement		Casing		12/11/2003		17.0	
Surface Casing Cement		Casing		12/14/2003		17.0	
Production Casing Cement		Casing		12/22/2003		4,915.0	
Btm (ftKB)							
Conductor Cement						57.0	
Surface Casing Cement						875.0	
Production Casing Cement						7,515.0	
Tubing Strings							
Tubing Description Tubing - Production			Run Date 12/16/2011			Set Depth (ftKB) 7,465.0	
Item Des		OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)
2-7/8" EUE 8rd 6.5# J-55 Tubing		2 7/8	6.50	J55	222	7,014.84	17.0
2-7/8" x 5-1/2" Baker Model B TAC w/40000# Shear		4 1/2			1	2.85	7,031.8
2-7/8" EUE 8rd 6.5# J-55 Tubing		2 7/8	6.50	J55	12	389.66	7,034.7
2-7/8" x 4' Stainless Steel Blast Sub		2 7/8			1	4.10	7,034.7
2-7/8" Mech. Seating Nipple w/1-1/4" x 15' Dip Tub		2 7/8			1	0.60	7,424.4
2-7/8" x 4' Perf Sub		2 7/8			1	4.10	7,428.5
2-7/8" EUE 8rd 6.5# J-55 Tubing Mud Anchor		2 7/8	6.50	J55	1	31.80	7,429.1
							7,432.2
							7,433.2
							7,465.0
Rod Strings							
Rod Description Rod			Run Date 12/16/2011			Set Depth (ftKB) 7,429.1	
Item Des		OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)
1-1/4" x 26' Polished Rod w/16' Liner		1 1/4			1	26.00	16.3
							42.3



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Surface Location T24S-R30E-S18	Spud Date 12/14/2003 01:00	Original KB Elevation (ft) 3,195.00	Ground Elevation (ft) 3,178.00	KB-Ground Distance (ft) 17.00
Surface Casing Flange Elevatio...				

MD (ftKB)	TV D (ftKB B)	Incl (°)	Vertical schematic (actual)	Item Des	OD (in)	Wt (lb/ft)	Grade	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)		
1.0			KB: 3195'; 1.0	1" x 2' Pony Rod	1 1/4			1	2.00	42.3	44.3		
2.0			GL: 3178'; 2.0	1" x 25' WCN 90 Sucker Rods	1		WCN90	112	2,780.80	44.3	2,825.1		
3.0			SPUD DATE: 12/14/2003;	7/8" x 25' WCN 90 Sucker Rods	7/8		WCN90	83	2,075.00	2,825.1	4,900.1		
3.9			3.0	3/4" x 25' WCN 90 Sucker Rods	3/4		WCN90	100	2,500.00	4,900.1	7,400.1		
16.4			COMP DATE: 1/24/2004;	7/8" x 4' Pony Rod w/4-Moulded Guides	7/8			1	4.00	7,400.1	7,404.1		
17.1			4.0	1" x 1' Lift Sub	1			1	1.00	7,404.1	7,405.1		
40.4				2-1/2" x 1-1/2" x 24' RHBM-HVR-TS Pump #Y-7332	1 1/2			1	24.00	7,405.1	7,429.1		
41.3				Perforations									
42.3				Date	Top (ftKB)		Btm (ftKB)		Linked Zone				
44.3				1/16/2004	7,190.0		7,200.0						
57.1				1/19/2004	7,386.0		7,396.0						
181.1				Stimulation Intervals									
798.9				Interval Number	Top (ftKB)		Btm (ftKB)		AIR (bbl/min)	MIR (bbl/min)	Proppant Total (lb)		
800.2				1	7,386.0		7,396.0				0.0		
873.7				2	7,190.0		7,200.0				0.0		
875.0													
2,825.1													
3,485.9													
4,392.1													
4,900.3													
4,915.0													
5,660.1													
6,562.0													
7,013.1													
7,031.8													
7,034.8													
7,116.1													
7,147.0													
7,190.0													
7,200.1													
7,220.1													
7,353.0													
7,386.2													
7,396.0													
7,400.3													
7,404.2													
7,405.2													
7,421.9													
7,424.2													
7,425.9													
7,426.8													
7,428.5													
7,429.1													
7,433.1													
7,464.9													
7,470.1													
7,513.8													
7,515.1													

Poker Lake Unit 200 - Proposed WBD

16" shoe 57'

8-5/8" shoe 875'

B/ Salt 3247'

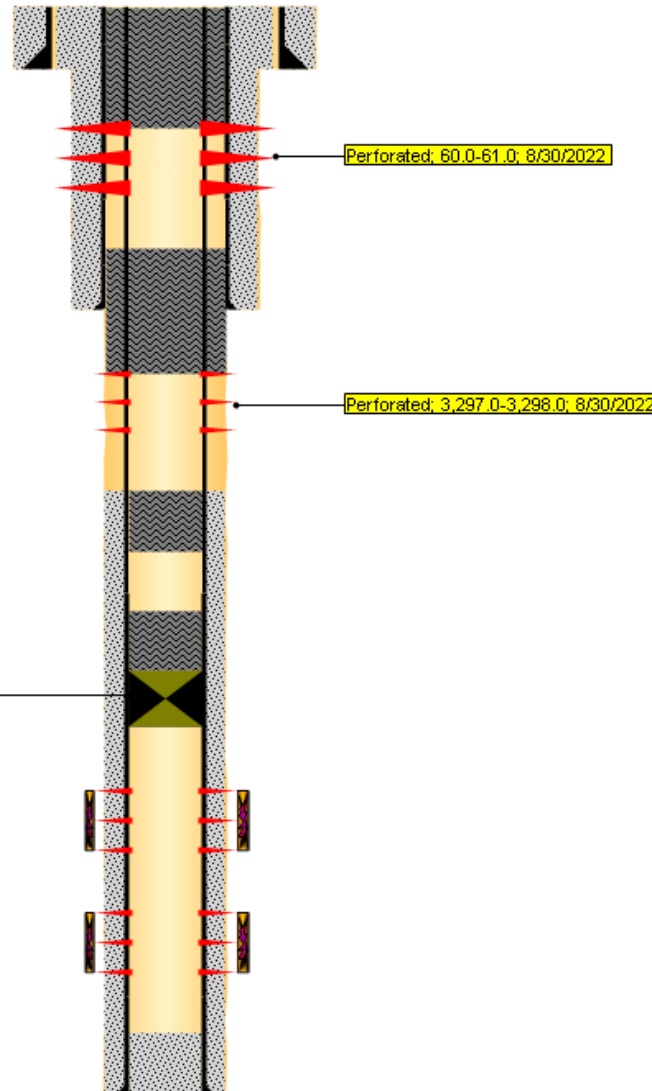
T/Salt 871'

T/Delaware 3459'

Top Production Perf 7190'

TOC 5-1/2" CSG 4915'

Bridge Plug - Permanent; 7,140.0-7,141.0



Perf and circulate 60' to surface.

Perf and squeeze 590 SKS Class C:
3297' – 771''.

Spot 25 SKS Class C: 5165' – 4915'.

Dump bail 35' Class C atop
CIBP: 7140' – 7105'. Pressure
test CIBP to 500 psig for 30
min.

PLUG AND ABANDON WELLBORE
POKER LAKE UNIT 083
EDDY COUNTY, NEW MEXICO
Class I

MASIP	MAOP	MAWP	Surface Csg Yield
1,000 psi	1,000 psi	3,000 psi	1,980 psi

SUMMARY: Plug and abandon wellbore according to BLM regulations.

Design submitted is for R111P potash. 18 24S 30E is Secretary Potash. Special requirement for Secretary Potash is TOS plug brought to surface. Necessary changes have been made and this is the updated procedure. Please tag all plugs (except CIBP and surface).

- 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) RIH 2-7/8" tbg to tag PBTD at 7470'. POOH.
- 5) MIRU WLU, RIH GR to 7165', RIH set CIBP at 7140', dump bail 35' Class C cement (T/Perf), RIH tubing to tag at 7105', notify BLM, pressure test to 500# for 30 min.
- 6) Spot 25 SXS Class C cement from 5165' to 4915'.
- 7) MIRU WLU, perforate at **3509'**.
- 8) RIH 2-7/8" tubing and squeeze **80** SKS Class C cement from **3509'** to **3164'**.
- 9) MIRU WLU, perforate at **925'**.
- 10) Circulate Class C cement until returns at surface.
- 11) ND BOP and cut off wellhead 5' below surface. RDMO PU, transport trucks, and pump truck.
- 12) Set P&A marker.
- 13) Pull fluid from steel tank and haul to disposal. Release steel tank.

Poker Lake Unit 200 - Proposed WBD

Design seems to be for R111P potash. 18 24S 30E is Secretary Potash. Special requirement for Secretary Potash is TOS plug brought to surface. Please tag all plugs (except CIBP and surface)

16" shoe 57'

8-5/8" shoe 875'

B/ Salt 3247'

T/Salt 871'

T/Delaware 3459'

Top Production Perf 7190'

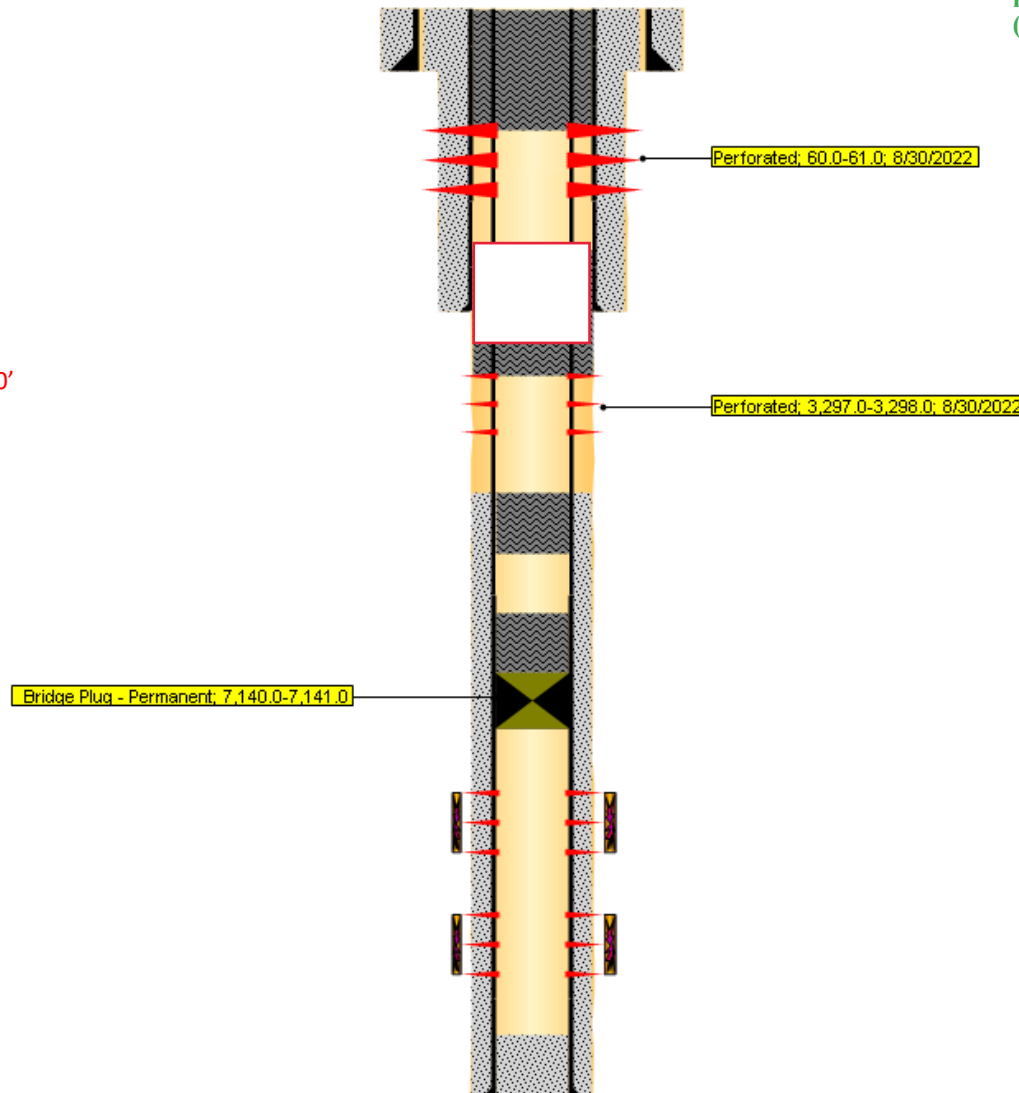
TOC 5-1/2" CSG 4915'

Perf and circulate 925' to surface.

Perf and squeeze 80 SKS Class C: 3509' – 3164'. Delaware + BOS

Spot 25 SKS Class C: 5165' – 4915'.

Dump bail 35' Class C atop CIBP: 7140' – 7105'. Pressure test CIBP to 500 psig for 30 min.



Sundry ID 2689073

Plug Type	Top	Bottom	Length	Tag	Sacks	Notes
Surface Plug	0.00	925.00	925.00	Tag/Verify	210.00	Perf and sqz to surface. Secretary potash, Top of Salt to surface
Top of Salt @ 871	0.00	925.00	925.00	Tag/Verify	210.00	Perf and sqz to surface. Secretary potash, Top of Salt to surface
Shoe Plug	0.00	925.00	925.00	Tag/Verify	210.00	Perf and sqz to surface. Secretary potash, Top of Salt to surface
Base of Salt @ 3247	3164.53	3297.00	132.47	Tag/Verify	80.00	Same as delaware below
Delaware @ 3459	3374.41	3509.00	134.59	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	80.00	Perf and sqz
Spacer Plug	4915.00	5165.00			25.00	

CIBP Plug	7105.00	7140.00	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	25.00	Pressure test 500 psi, 30 mins
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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.

Critical, High Cave Karst: Cave Karst depth to surface

R111P: Solid plug in all annuli - 50' from bottom of salt to surface.

Class C: 1.32 ft³/sx

Class H: 1.06 ft³/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	500.00
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Shoe @ 875.00

Shoe @ 7515.00

Perforatons Top @	7190.00	Perforations	7396.00
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CIBP @	7140.00
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**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.

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

Trishia Bad Bear, Hobbs Field Station
Natural Resource Specialist
575-393-3612

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 140776

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 140776
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	9/6/2022