Sundry Print Repor

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

Well Number: 147

Well Name: POKER LAKE UNIT Well Location: T25S / R31E / SEC 5 / County or Parish/State: EDDY / NWNE /

Type of Well: CONVENTIONAL GAS

Unit or CA Name: POKER LAKE UNIT -

**WOLFCAM** 

NMNM71016C

**Unit or CA Number:** 

Allottee or Tribe Name:

**US Well Number: 3001531177** Well Status: Producing Gas Well **Operator: XTO PERMIAN** 

**OPERATING LLC** 

Accepted for record – NMOCD gc 2/2/2023

LONG VO

Digitally signed by LONG VO Date: 2023.01.28 09:37:25

**Notice of Intent** 

Lease Number: NMNM033501

Sundry ID: 2706563

Type of Submission: Notice of Intent

Date Sundry Submitted: 12/08/2022

Date proposed operation will begin: 12/27/2022

Type of Action: Plug and Abandonment

Time Sundry Submitted: 07:51

Procedure Description: XTO Permian Operating LLC respectfully submits a NOI to PA for the well above. Attached is the procedure for review along with the WBD and proposed WBD

#### **Surface Disturbance**

Is any additional surface disturbance proposed?: No

Approval Subject to

General Requirements and

**Special Stipulations** 

Attached

#### **NOI Attachments**

### **Procedure Description**

PLU\_147\_Proposed\_WBD\_20221208195052.pdf

PLU\_147\_Procedure\_20221208195005.pdf

PLU\_147\_DHWP\_20221208194937.pdf

eceived by OCD: 2/1/2023 3:33:29 AM
Well Name: POKER LAKE UNIT

Well Location: T25S / R31E / SEC 5 /

NWNE /

County or Parish/State: Page 2 of

Well Number: 147

Type of Well: CONVENTIONAL GAS

**Allottee or Tribe Name:** 

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Unit or CA Name: POKER LAKE UNIT -

Well Status: Producing Gas Well

**WOLFCAM** 

**Unit or CA Number:** NMNM71016C

**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

Signed on: DEC 08, 2022 07:51 PM **Operator Electronic Signature: CASSIE EVANS** 

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:** 

Page 2 of 2

#### PLUG AND ABANDON WELLBORE POKER LAKE UNIT 147 EDDY COUNTY, NEW MEXICO Class II

MASIP	MAOP	MAWP	Surface Csg Yield
1,000 psi	1,000 psi	3,000 psi	2,730 psi

**SUMMARY:** Plug and abandon wellbore according to BLM regulations.

- 1) MIRU plugging company. Set open top steel pit for plugging.
- 2) ND WH and NU 3K manual BOP. Function test BOP.
- 3) MU 2-7/8" tubing to TTOF at est. 12764', POOH 2-7/8" tubing.
- 4) MU bit and RIH to CO to 12830'.
- 5) MIRU WLU, RIH CIBP sized for 5" 18.00" casing and set at 12815'. Notify BLM.
- 6) Spot 71 SKS Class H from 12815' to 12468' (T/Perf, 7" shoe). WOC, tag and notify BLM.
- 7) Spot cement from 12160' to 11387'. WOC and Tag. Leak Test Liner Top after cement plug set. (79 sxs Class H)
- 8) Spot 37 SKS Class H from 8388' to 8000' (T/Bone Spring).
- 9) Spot 25 SKS Class C from 7150' to 7000' (3000' requirement).
- 10) Spot 35 SKS Class C from 4404' to 3969' (T/Delaware, 9-5/8" shoe, Base of Salt). WOC, tag and notify BLM.
- 11) Spot 25 SKS Class C from 970' to 764' (13-3/8" shoe, T. Salt). WOC, tag and notify BLM.
- 12) Spot Class C from 100' to surface (Est. 25 SKS). Verify at surface.
- 13) ND BOP and cut off wellhead 5' below surface. RDMO PU and trucks.
- 14) Set P&A marker.
- 15) Pull fluid from steel tank and haul to disposal. Release steel tank.

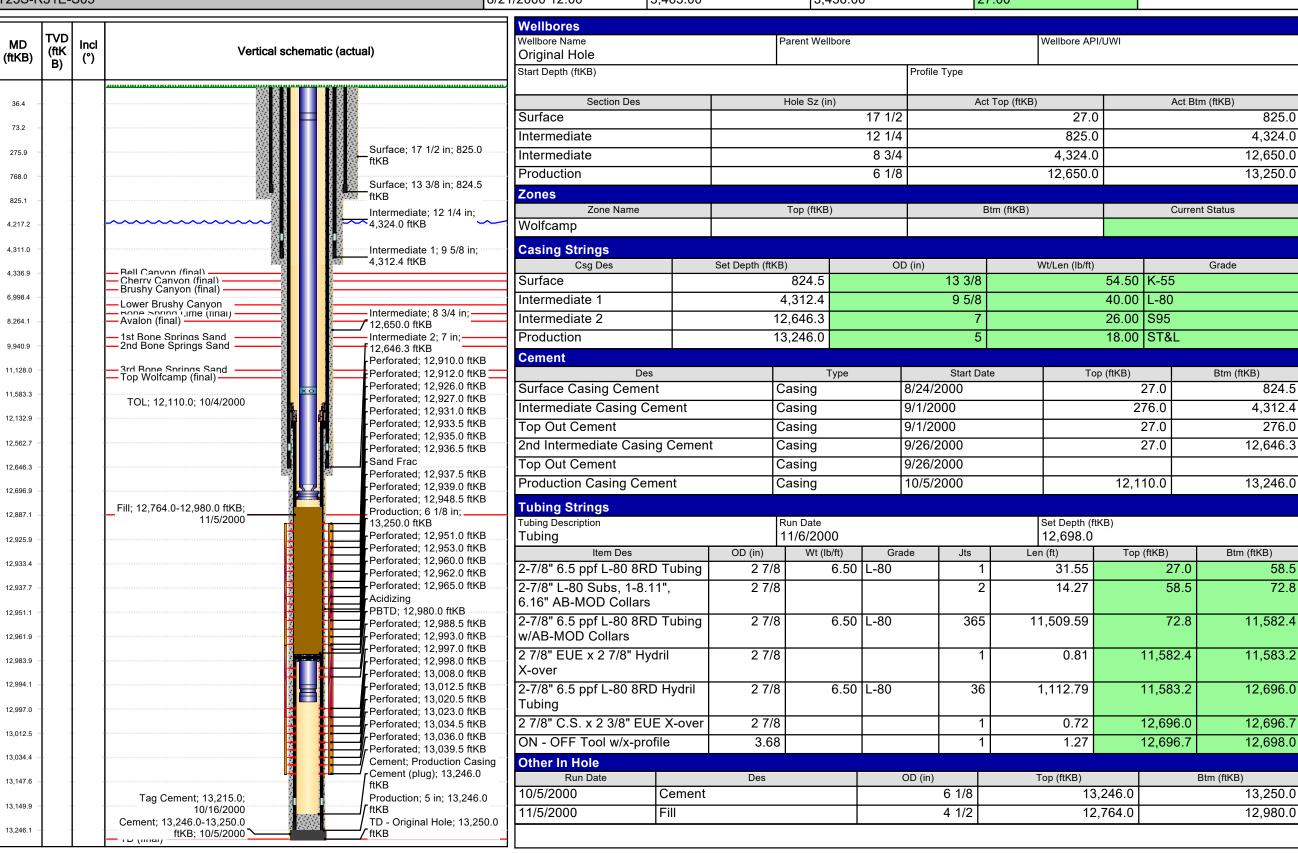
Received by OCD: 2/1/2023 3:33:29 AM

Page 4 of 15



# Downhole Well Profile - with Schematic Well Name: POKER LAKE UNIT 147

SAP Cost Center ID Permit Number State/Province County 3001531177 1137341001 **New Mexico** Eddy Surface Location Ground Elevation (ft) KB-Ground Distance (ft) Spud Date Original KB Elevation (ft) Surface Casing Flange Elevation (ft) T25S-R31E-S05 27.00 8/21/2000 12:00 3,463.00 3,436.00



Page 1/2

Report Printed: 12/7/2022

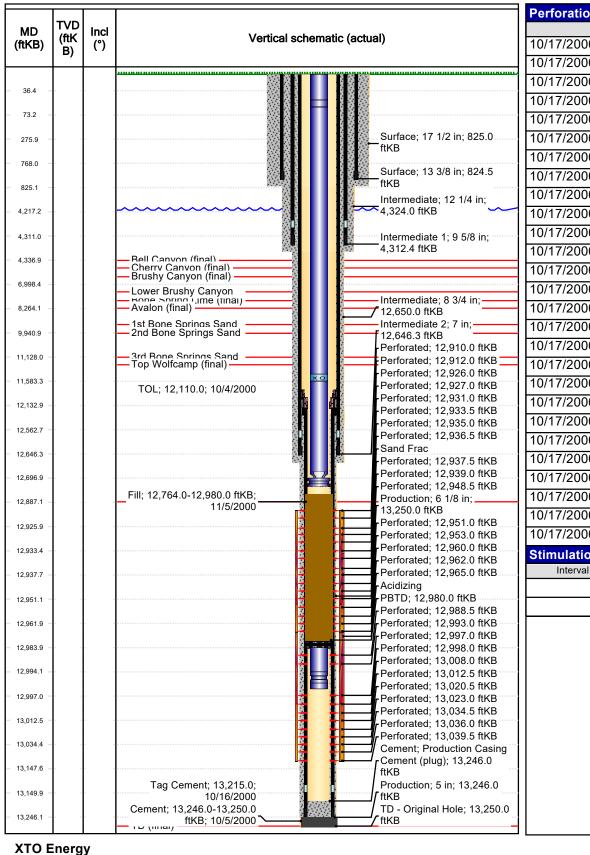
XTO Energy

Received by OCD: 2/1/2023 3:33:29 AM



# Downhole Well Profile - with Schematic Well Name: POKER LAKE UNIT 147

SAP Cost Center ID Permit Number State/Province County Eddy 1137341001 3001531177 New Mexico Surface Location Spud Date Original KB Elevation (ft) KB-Ground Distance (ft) Ground Elevation (ft) Surface Casing Flange Elevation (ft) T25S-R31E-S05 8/21/2000 12:00 3,463.00 3,436.00 27.00



Perforations			
Date	Top (ftKB)	Btm (ftKB)	Linked Zone
10/17/2000	12,910.0	12,910.0	
10/17/2000	12,912.0	12,912.0	
10/17/2000	12,926.0	12,926.0	
10/17/2000	12,927.0	12,927.0	
10/17/2000	12,931.0	12,931.0	
10/17/2000	12,933.5	12,933.5	
10/17/2000	12,935.0	12,935.0	
10/17/2000	12,936.5	12,936.5	
10/17/2000	12,937.5	12,937.5	
10/17/2000	12,939.0	12,939.0	
10/17/2000	12,948.5	12,948.5	
10/17/2000	12,951.0	12,951.0	
10/17/2000	12,953.0	12,953.0	
10/17/2000	12,960.0	12,960.0	
10/17/2000	12,962.0	12,962.0	
10/17/2000	12,965.0	12,965.0	
10/17/2000	12,988.5	12,988.5	
10/17/2000	12,993.0	12,993.0	
10/17/2000	12,997.0	12,997.0	
10/17/2000	12,998.0	12,998.0	
10/17/2000	13,008.0	13,008.0	
10/17/2000	13,012.5	13,012.5	
10/17/2000	13,020.5	13,020.5	
10/17/2000	13,023.0	13,023.0	
10/17/2000	13,034.5	13,034.5	
10/17/2000	13,036.0	13,036.0	
10/17/2000	13,039.5	13,039.5	
Stimulation Intervals			

 Stimulation Intervals

 Interval Number
 Top (ftKB)
 Btm (ftKB)
 AIR (bbl/min)
 MIR (bbl/min)
 Proppant Total (lb)

 1
 12,910.0
 13,039.5
 0.0

 1
 12,910.0
 12,965.0
 0.0

Page 2/2 Report Printed: 12/7/2022

Sundry ID 2706563

Sundry ID	2706563						
Plug Type	Тор	Bottom	Length	Tag	Sacks	Cement Class	Notes
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						- 10100	Spot cement from
							100' to surface.
Surface Plug	0.00	100.00	100.00	Tag/Verify	25.00	С	Verify at surface.
Shoe Plug	764.77			Tag/Verify			,
		0.0.00	.000	<u> </u>			Spot cement from
							970' to 764'. WOC
Top of Salt @ 853	794.47	970.00	175.53	Tag/Verify	25.00	С	and Tag.
Base of Salt @ 4060	3969.40			Tag/Verify			Ŭ
Shoe Plug	4207.00			Tag/Verify			
<u> </u>	1207.00	1000.00	1 10.00	<u> </u>			
				If solid			
				base no			
				need to			
				Tag			
				(CIBP			
				present			
				and/or			
				Mechanic			
				al Integrity			
				Test), If			
				Perf &			
				Sqz then			
				Tag, Leak			
				Test all CIBP if no			
							Const some and from
				Open Perforatio			Spot cement from
	4000 40	4404.00	440.54		22.00	_	4404' to 3969'.
Delaware @ 4354	4260.46	4404.00	143.54	ns	33.00	C	WOC and Tag.
				If solid			
				base no			
				need to			
				Tag			
				(CIBP			
				present			
				and/or			
				Mechanic			
				al Integrity			
				Test), If			
				Perf &			
				Sqz then			
				Tag, Leak			
				Test all			
				CIBP if no			
				Open			
				Perforatio			Spot cement from
2000' Patwoon Pluss @ 5000	4000.00	5050 00	150.00		25.00	C	5050' to 4900'.
3000' Between Plugs @ 5000	4900.00	5050.00	150.00	110	∠5.00	U	3030 10 4900.

	1						1
Bonesprings @ 8132	8000.68		387.32		37.00	Н	Spot cement from 8388' to 8000'.
Wolfcamp @ 11553	11387.47	11603.00	215.53	base no			
Liner Top @ 12110 Shoe Plug		12160.00 12695.00	221.10 226.45	If solid base no need to Tag (CIBP present and/or Mechanic al Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforatio ns	79.00	Н	Spot cement from 12160' to 11387'. WOC and Tag. Leak Test Liner Top.
Snoe Plug	12468.55	12695.00	226.45	rag/verily			
				If solid base no need to Tag (CIBP present and/or Mechanic al Integrity Test), If Perf & Sqz then Tag, Leak Test all CIBP if no Open Perforatio			Set CIBP at 12815'. Spot cement from 12815' to 12468'. Leak Test CIBP.
CIBP Plug		12815.00	35.00	ns T^/	71.00	Н	WOC and Tag.
Perforations Plug (If No CIBP)		13089.00	230.39	Tag/Verify			
Shoe Plug	13063.54	13296.00	232.46	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	Low		
Shoe @	823.00		
Shoe @	4300.00		
Shoe @	12645.00		
Shoe @	13246.00	TOC @	12550.00
Perforatons Top @	12910.00	Perforations	13039.00
i citoratorio rop w	12010.00	i ci idialidiis	10000.00

CIBP @ 12815.00

#### 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 <u>ninety (90)</u> 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. <u>Notification:</u> 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. <u>Blowout Preventers</u>: 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. <u>Mud Requirement:</u> 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. <u>Cement Requirement</u>: 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. <u>Subsequent Plugging Reporting:</u> 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. <u>Trash:</u> 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



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 predisturbance 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

# Poker Lake Unit 147 - Proposed WBD

13-3/8" shoe 825'

T/Delaware 4275'

9-5/8" shoe 4312'

T/Bone Spring 8183'

T/Wolfcamp 11553'

7" shoe 12646'

5" TOL 12110'

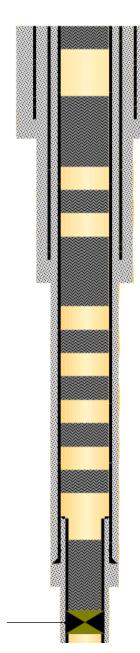
T/Perf 12910'

Approval Subject to

**General Requirements and** 

**Special Stipulations** 

Attached



Spot ~20 SKS Class C: 100' to surface.

Spot 30 SKS Class C: 875' – 725'. WOC and tag.

Spot 25 SKS Class C: 2150' - 2000'.

Spot 35 SKS Class C: 4365' – 4175'. WOC and tag.

Spot 25 SKS Class C: 7150' – 7000'.

Spot 35 SKS Class H: 8233' - 8083'.

Spot 35 SKS Class H: 10000' - 9850'.

Spot 35 SKS Class H: 11603' - 11453'.

Spot 30 SKS Class C atop CIBP: 12815' – 12500'. Pressure test to 500 PSIG for 30 min. WOC and TTOC.

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

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 181477

#### **CONDITIONS**

Operator:	OGRID:
XTO PERMIAN OPERATING LLC.	373075
6401 HOLIDAY HILL ROAD	Action Number:
MIDLAND, TX 79707	181477
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

#### CONDITIONS

Created B	Condition	Condition Date
gcorder	Spot 25 sx cl C cmt @ 5292' - 5192 - T Cherry Canyon	2/2/2023