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

Sundry Print Report

09/07/2023

Well Name: PRYOR FEDERAL STATE COM

Well Location: T23S / R34E / SEC 1 / LOT 4 /

County or Parish/State: LEA / NM

Well Number: 4H

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM127446

Unit or CA Name: PYROR STATE 4H

Unit or CA Number: NMNM130199

US Well Number: 3002540862

Well Status: Producing Oil Well

Operator: PERMIAN RESOURCES OPERATING LLC

Accepted for record –NMOCD gc9/29/2023

LONG VO

Digitally signed by LONG VO
Date: 2023.09.09 08:37:58 -05'00'

Notice of Intent

Sundry ID: 2747628

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 08/23/2023

Time Sundry Submitted: 11:34

Date proposed operation will begin: 10/01/2023

Procedure Description: Permian Resources Operating, LLC, respectfully requests to P&A this well. Please see attached procedure, current and propose WBDs.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Pryor_Federal_State_4H_Current_WBD_20230823112933.pdf

Pryor_Federal_State_Com_4H_Plug___Abandon_20230823112933.pdf

Pryor_Federal_State_4H_Proposed_WBD_20230823112933.pdf

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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: KANICIA SCHLICHTING

Signed on: AUG 23, 2023 11:30 AM

Name: CENTENNIAL RESOURCE PRODUCTION LLC

Title: Regulatory Specialist

Street Address: 300 N MARIENFELD ST SUITE 1000

City: MIDLAND **State:** TX

Phone: (432) 232-2875

Email address: KANICIA.SCHLICHTING@PERMIANRES.COM

Field

Representative Name:

Street Address:

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

Phone:

Email address:

Pryor Federal State Com 4H - Plug and Abandon

Objective:
P&A inactive well Pryor Federal State Com 4H that is no longer economic to produce. Plug well per BLM/OCD guidelines and reclaim land to original state.

Location:

- API: 30-025-40862
- Latitude, Longitude: 32.34085404, -103.43090440

Current Configuration:

- Surface Casing: 13-3/8" 54.4# J-55, Surface – 1,849' MD
- Intermediate Casing: 8-5/8" 32# J-55, Surface – 5,269' MD
- Production Casing: 5-1/2" 23# L-80, Surface – 13,567' MD
- Perforations
  - Open ~ 9,281'MD - 13,481'MD
- Formation Target: Avalon
  - Top – 8,670' TVD (8,701' MD)
  - Bottom – 8,700'TVD (8,741' MD)

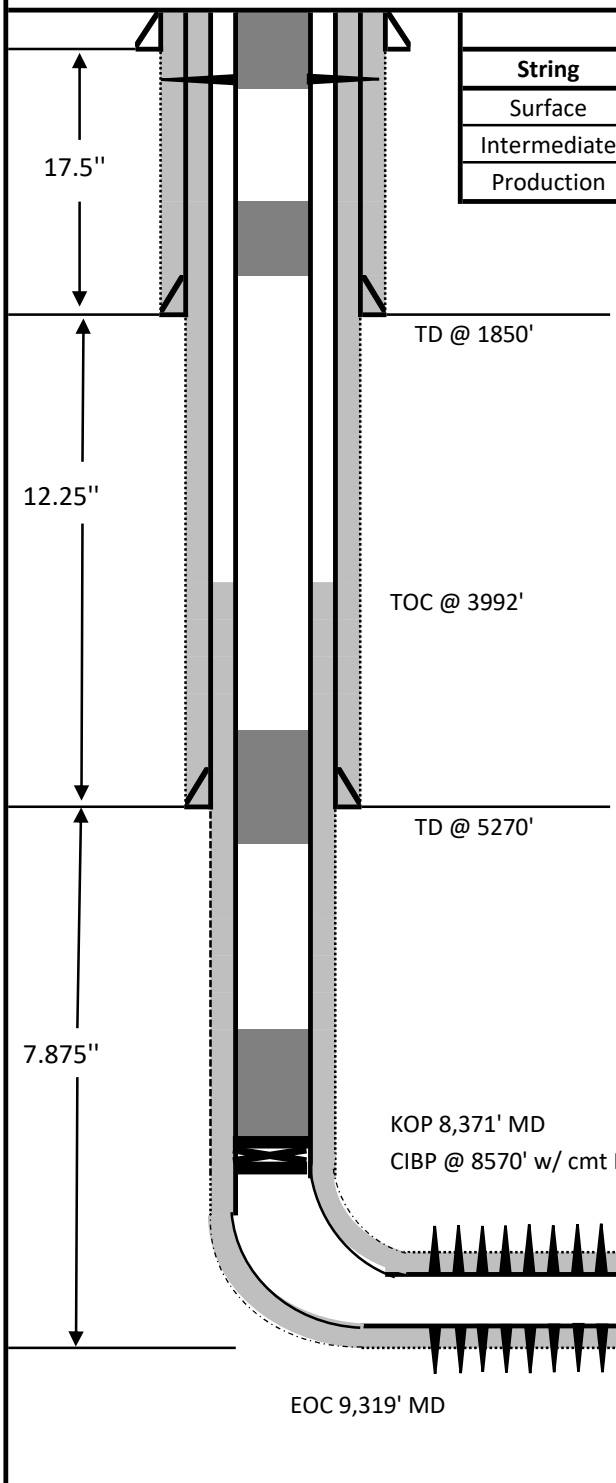
Procedure:

1. Conduct a pre-job safety meeting and ensure that all personnel involved in the operation understand job scope and associated hazards.
2. MIRU workover rig. Check tubing and casing pressure, order out kill fluid if required.
3. ND plunger lift lubricator & wellhead tree, NU & test BOPE
4. Unset TAC and scan OOH with 2-7/8" L-80 production tubing.
5. RIH with 5.5" 23# CIBP and set at 8,570'. Circulate well over to clean 10# mud. Tag CIBP and conduct leak test on casing above CIBP.

   Note: Recommended Practice for placement of packers in UIC Class 11 ER Horizontal Wells. Case No. 16159: Smokey Bits State Com Well no. 2H (30-015-40196)
6. Spot 200' cement plug on top of CBIP from 8,570' – 8,370' with 25 sx of Class C cement.
7. POOH laying down tubing and spot 225' cement plug from 5392'- 5167' with 25 sx of Class C cement. WOC and Tag. (Delaware and Intermediate casing shoe)
8. POOH laying down tubing and spot 548' cement plug from 4485' to 3937' with 50 sx of Class C cement. WOC and Tag. (Capitan Reef, Yates, Base of Salt)
9. POOH laying down tubing and perforate at 2306'. Squeeze 129 sx of Class C cement to cover annulus between 5-1/2" and 8-5/8" casing from 2306' to 1779'. WOC and Tag. (In 58 sxs/Out 71 sxs) (Top of salt, Surface casing shoe)
10. POOH and perforate at 100', squeeze cement plug from 100'-surface with 25 sx of Class C cement. (In/Out)
11. Cut off wellhead and set dry hole marker.
12. RDMO workover rig. Clean location.
13. Post Workover Operations
    a. Reclaim surface per OCD/BLM guidance.
    b. Install a permanent marker well site to identify it as a plugged and abandoned well
    c. Submit all required paperwork and documentation to the regulatory agencies to certify the well abandonment.

Permian Resources - Proposed Wellbore Diagram

Well: Pryor Federal-State #4H **API #:** 30-025-40862
State: New Mexico **County:** Lea
FM Target: Avalon Shale **Field:** Ojo Chiso; Bone Spring South
Location: Lot 4, Section 1, T23S, R34E, 20' FNL, 430' FWL
BHL: Lot M, Section 1, T23S, R34E, 330' FSL, 430' FWL
KB Elev: 3396 **KB:** 18 **GL Elev:** 3378



Tubular Detail

String	Size	Lb/ft	Grade	Cxn	From	To	Burst	Cllps
Surface	13.375	54.5	J55	ST&C	0'	1,849	2740	1,130
Intermediate	8.625	32	J55	LT&C	0'	5,269	3930	2,530
Production	5.5	23	L80	LT&C	0'	13,567	9880	11,160

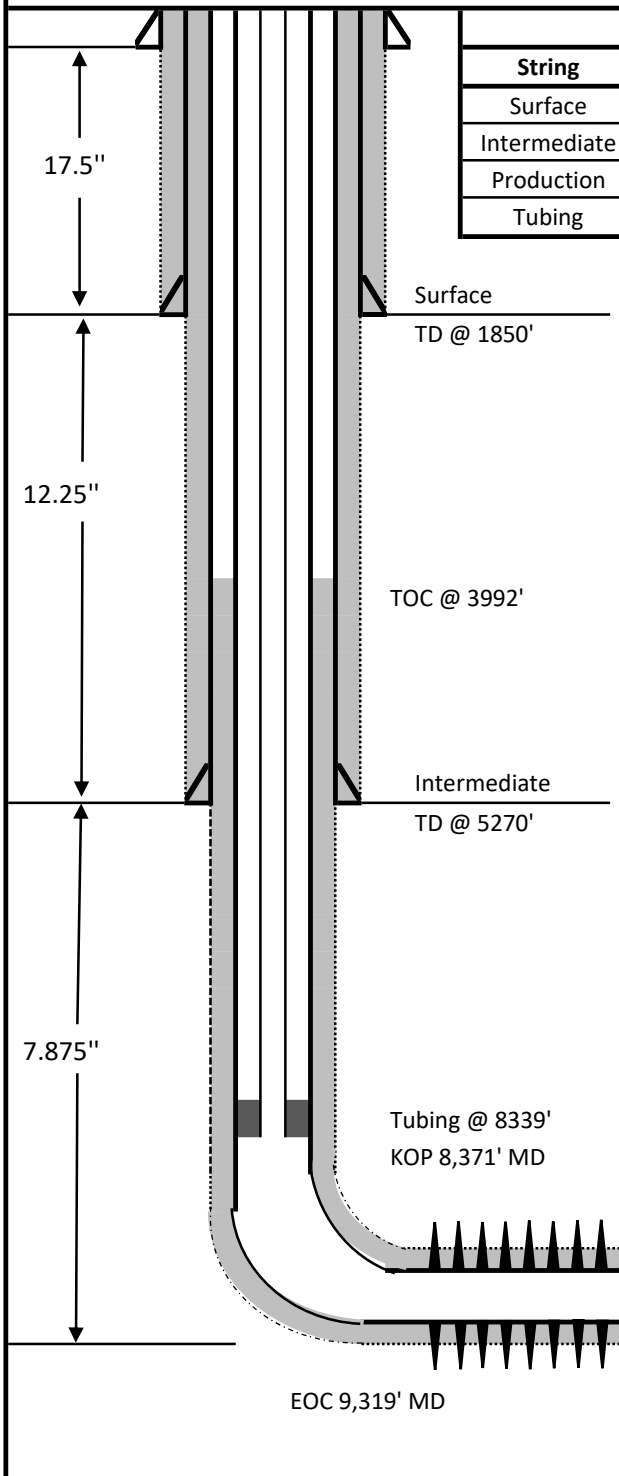
Completion Summary Detail

Type fluid	Total fluid	Total proppant
Slickwater	69,483 bbls	2,387,479 #s

# stages	FTP	LTP	# Perfs
11	9,281'	13m481'	480

Permian Resources - Current Wellbore Diagram

Well: Pryor Federal-State #4H **API #:** 30-025-40862
State: New Mexico **County:** Lea
FM Target: Avalon Shale **Field:** Ojo Chiso; Bone Spring South
Location: Lot 4, Section 1, T23S, R34E, 20' FNL, 430' FWL
BHL: Lot M, Section 1, T23S, R34E, 330' FSL, 430' FWL
KB Elev: 3396 **KB:** 18 **GL Elev:** 3378



Tubular Detail

String	Size	Lb/ft	Grade	Cxn	From	To	Burst	Cllps
Surface	13.375	54.5	J55	ST&C	0'	1,849	2740	1,130
Intermediate	8.625	32	J55	LT&C	0'	5,269	3930	2,530
Production	5.5	23	L80	LT&C	0'	13,567	9880	11,160
Tubing	2.875	6.5	L80	EUE	0'	8,339	10570	11,170

Completion Summary Detail

Type fluid	Total fluid	Total proppant
Slickwater	69,483 bbls	2,387,479 #s

# stages	FTP	LTP	# Perfs
11	9,281'	13,481'	480

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

Sundry ID **2747628**

Plug Type	Top	Bottom	Length	Tag	Sacks	Cement Class	Notes
Surface Plug	0.00	100.00	100.00	Tag/Verify	25.00	C	Perforate and squeeze from 100' to surface. (In/Out)
Shoe Plug	1779.52	1898.00	118.48	Tag/Verify			
Top of Salt @ 2256	2183.44	2306.00	122.56	Tag/Verify	129.00	C	Perforate and squeeze from 2306' to 1779'. WOC and Tag. (In 58 sxs/Out 71 sxs)
Base of Salt @ 4028	3937.72	4078.00	140.28	Tag/Verify			
Yates @ 4055	3964.45	4105.00	140.55	If solid			
Capitan Reef @ 4435	4340.65	4485.00	144.35	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	50.00	C	Spot cement from 4485' to 3937'. WOC and Tag.
Shoe Plug	5167.30	5320.00	152.70	Tag/Verify			
Delaware @ 5342	5238.58	5392.00	153.42	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	C	Spot cement from 5392' to 5167'. WOC and Tag.
KOP @ 8371	8237.29	8421.00	183.71	If solid			
Bonesprings @ 8550	8414.50	8600.00	185.50	If solid			

CIBP Plug	8535.00	8570.00	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	C	Set CIBP at 8570'. Spot cement from 8570' to 8370'. Leak Test CIBP.
Perforations Plug (If No CIBP)	9231.00	13531.00	4300.00	Tag/Verify			
Shoe Plug	13381.33	13617.00	235.67	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 @	**1848.00**		
Shoe @	**5270.00**		
Shoe @	**13567.00**	**TOC @**	**3992.00**
Perforatons Top @	**9281.00**	**Perforations**	**13481.00**
		CIBP @	**8570.00**

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 264057

COMMENTS

Operator: Permian Resources Operating, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 264057
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM.	9/29/2023

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
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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 264057

CONDITIONS

Operator: Permian Resources Operating, LLC 1001 17th Street, Suite 1800 Denver, CO 80202	OGRID: 372165
	Action Number: 264057
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	9/29/2023