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

Sundry Print Report

04/03/2022

Well Name: QUAIL RIDGE 3

Well Location: T20S / R34E / SEC 3 / NWNE /

County or Parish/State: LEA / NM

Well Number: 01

Type of Well: OIL WELL

Allottee or Tribe Name:

Lease Number: NMNM28880

Unit or CA Name:

Unit or CA Number:

US Well Number: 300253247500S1

Well Status: Producing Oil Well

Operator: READ & STEVENS INCORPORATED

Notice of Intent

Sundry ID: 2664814

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 03/31/2022

Time Sundry Submitted: 03:05

Date proposed operation will begin: 05/16/2022

Procedure Description: Set CIBP @ 8100'. Spot 35' of cement. WOC & tag. Set CIBP @ 5600'. Spot 35' of cement. WOC & tag. Spot 100' cement plug @ 5100' (Delaware Top). WOC & tag. Spot 100' cement plug @ 3380' (Base of Salt). WOC & tag. Spot 100' cement plug @ 1580'-1470' (Top of Salt & casing shoe). WOC & tag. 400' cement plug to surface. 35 sxs Class C. Verify at surface. Cut off wellhead & install dry hole marker. Remediate and reclaim well site.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Quail_Ridge_3_1_Schematic_Proposed_20220331150506.pdf

Quail_Ridge_3_1_Schematic_Current_20220331150453.pdf

Released to Imaging: 6/24/2022 3:05:20 PM

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Operator Certification

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 submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: KELLY BARAJAS

Signed on: MAR 31, 2022 03:05 PM

Name: READ & STEVENS INCORPORATED

Title: Production & Regulatory Analyst

Street Address: 400 N. Pennsylvania, Suite 1000

City: Roswell **State:** NM

Phone: (575) 624-3760

Email address: kbarajas@read-stevens.com

Field Representative

Representative Name: Joe Tovar

Street Address: PO Box 1719

City: Lovington **State:** NM **Zip:** 88260

Phone: (575)390-2425

Email address: jtovar@read-stevens.com

CONFIDENTIAL

PLUG AND ABANDONMENT
CONDITIONS OF APPROVAL

OPERATOR'S NAME:	**Read & Stevens Incorporated**
LEASE NO.:	**NMNM28880**
WELL NAME & NO.:	**Quail Ridge 3 01**
US Well Number:	3002532475
LOCATION:	Section 3, T.20 S., R.34 E., NMPM
COUNTY:	Lea County, New Mexico
Sundry ID:	**2664814**
Karst:	☒Low ☐Medium ☐High ☐Critical
Potash:	☒Secretary ☐R111P
Special Area:	☒Prairie Chicken ☒Capitan Reef

Procedure Description:

Set CIBP @ 8100'. Spot 35' of cement. WOC & tag. 5 sx Class H

Set CIBP @ 5600'. Spot 35' of cement. WOC & tag. 5 sx Class C. Leak Test CIBP

Spot ~~100'~~ cement plug @ ~~5100'~~ 5150' to 4805', 35 sx Class C. (Delaware Top). WOC & tag.

Spot ~~100'~~ cement plug @ ~~3380'~~3430' to 3078', 35 sx Class C. (Base of Salt). WOC & tag.

Spot ~~100'~~ cement plug @ ~~1580'-1470'~~ 1570' to surface, 155 sx Class C.(Top of Salt & casing shoe). ~~WOC & tag.~~ Verify at surface.

~~400' cement plug to surface. 35 sxs Class C. Verify at surface.~~

Cut off wellhead & install dry hole marker. Remediate and reclaim well site.

Approval Subject to General Requirements and Special Stipulations Attached

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

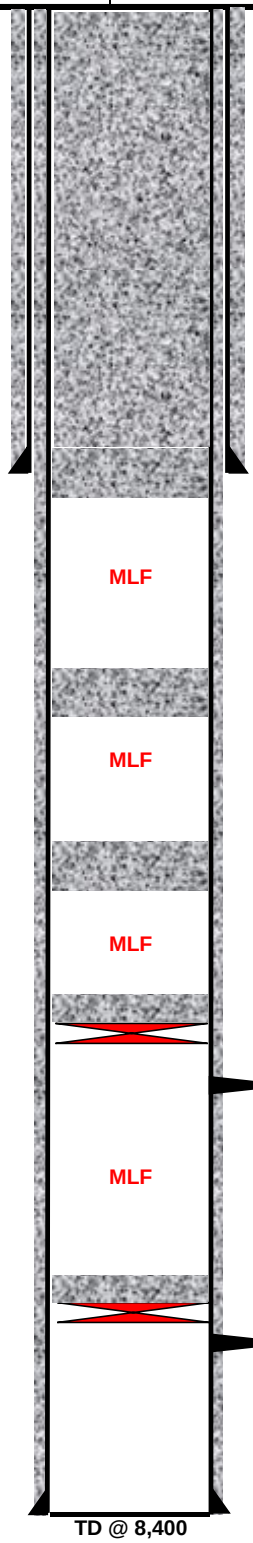
  1. Shoe, Top of Salt, Base of Salt, DV tool, Perforate and Squeeze, Open Perforation.

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

Read & Stevens Inc			
Well Name: Quail Ridge 3 Fed #1	Field: Lea; Delaware ,Northeast		
Location: 660' FNL & 1980' FEL; 3-20S-34E	County: Lea	State: NM	
Elevation: 3,666' GL	Spud Date: 9/29/95	Compl Date:	
API#: 30-025-32475 Prepared by: KALE JACKSON	Date: 3/27/22	Rev:	

PROPOSED SCHEMATIC

SURFACE			
HOLE SIZE	CASING SIZE	DEPTH SET	CMT TOP
17-1/2"	13-3/8"	1,520	SURFACE
61# & 68#			



Spot plug @ 1570' to surface, 155 sx class C. WOC and Tag. (Top of Salt & Casing Shoe).

Verify at Surface

Spot plug @ 3,430' to 3078', 35 sx Class C. WOC and Tag. (Base of Salt).

Spot plug @ 5,150' to 4805', 35 sx class C (Delaware Top).

Set CIBP @ 5,600 ft. Spot 35ft of cmt 5 sx class C

5,662 - 5,682 DELAWARE PERFS (2002) OPEN

Set CIBP @ 8,100 ft. Spot 35ft of cmt 5 sx Class H

8,126 - 8,241 DELAWARE PERFS (1995) OPEN

FORMATION TOPS
Top of Salt @ 1520
Base of Salt @ 3380
Top of Delaware @ 5100
Top of Bone Spring @ 8262

PRODUCTION			
HOLE SIZE	CASING SIZE	DEPTH SET	CMT TOP
7-7/8"	5-1/2"	8,400	SURFACE
17#			

NOTE: DRAWING NOT TO SCALE

Read & Stevens Inc			
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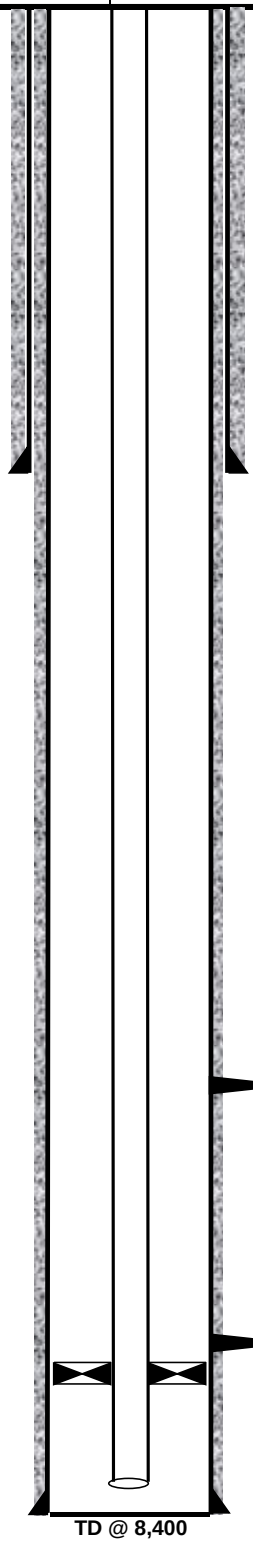
CURRENT SCHEMATIC

SURFACE			
HOLE SIZE	CASING SIZE	DEPTH SET	CMT TOP
17-1/2"	13-3/8"	1,520	SURFACE
61# & 68#			

ROD PUMP DETAIL
2-3/8 4.7# J-55 tbg w/ TAC set @ 8134
SN @ 8,349
2500 ft of 7/8" rods
5300 ft of 3/4" rods
300 ft of 1" rods



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PRODUCTION			
HOLE SIZE	CASING SIZE	DEPTH SET	CMT TOP
7-7/8"	5-1/2"	8,400	SURFACE
17#			

NOTE: DRAWING NOT TO SCALE

Sundry ID **2664814**

Plug Type	Top	Bottom	Length	Tag	Sacks	Notes
Surface Plug	0.00	1570.00	1570.00	Tag/Verify		
Top of Salt @ 1520	1454.80	1570.00	115.20	Tag/Verify		
Shoe Plug	1454.80	1570.00	115.20	Tag/Verify	155.00	Spot from 1570' to surface. Verify at Surface.
Base of Salt @ 3160	3078.40	3210.00	131.60	Tag/Verify		
Yates @ 3380	3296.20	3430.00	133.80	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 Perforatio	35.00	Spot from 3430' to 3078'. WOC and Tag.
Capitan Reef @ 4905	4805.95	4955.00	149.05	If solid		

Delaware @ 5100	4999.00	5150.00	151.00	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 Perforatio	35.00	Spot from 5150' to 4805'.
CIBP Plug	5565.00	5600.00	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 Perforatio	5.00	Set CIBP at 5600'. Leak test CIBP.
Perforations Plug (If No CIBP)	5575.18	5732.00	156.82	Tag/Verify		
CIBP Plug	8065.00	8100.00	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 Perforatio	5.00	Set CIBP at 8100'. WOC and Tag. 35' on top of CIBP.
Perforations Plug (If No CIBP)	8076.00	8291.00	215.00	Tag/Verify		Not Necessary

Bonesprings @ 8262	8129.38	8312.00	182.62	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 Perforatio		Not Necessary
Shoe Plug	8266.00	8450.00	184.00	Tag/Verify		Not Necessary

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, Medium, Secretary : Top of salt to surface If no salt take the deepest fresh water.
R111P: 50' from bottom 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	Secretary Top of Salt to surface

Shoe @	1520.00		
Shoe @	8400.00		
		Perforations	
Perforatons Top @	5662.00	Bottom @	5682.00
		Perforations	
Perforatons Top @	8126.00	Bottom @	8241.00
		CIBP @	8100.00
		CIBP @	5600.00

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 **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

TAKE PRIDE IN AMERICA

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 and all contaminants, scrap/trash, equipment, pipelines and powerlines. Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip 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
575-234-5909 (Office), 575-361-2648 (Cell)

Arthur Arias
Environmental Protection Specialist
575-234-6230

Crisha Morgan
Environmental Protection Specialist
575-234-5987

Kelsey Wade
Environmental Protection Specialist
575-234-2220

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

PLUG AND ABANDONMENT
CONDITIONS OF APPROVAL

OPERATOR'S NAME:	**Read & Stevens Incorporated**
LEASE NO.:	**NMNM28880**
WELL NAME & NO.:	**Quail Ridge 3 01**
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Sundry ID:	**2664814**
Karst:	☒Low ☐Medium ☐High ☐Critical
Potash:	☒Secretary ☐R111P
Special Area:	☒Prairie Chicken ☒Capitan Reef

Procedure Description:

Set CIBP @ 8100'. Spot 35' of cement. WOC & tag. 5 sx Class H

Set CIBP @ 5600'. Spot 35' of cement. WOC & tag. 5 sx Class C. Leak Test CIBP

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Spot ~~100'~~ cement plug @ ~~3380'~~ 3430' to 3078', 35 sx Class C. (Base of Salt). WOC & tag.

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17-1/2"	13-3/8"	1,520	SURFACE
61# & 68#			

FORMATION TOPS
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Base of Salt @ 3380
Top of Delaware @ 5100
Top of Bone Spring @ 8262

PRODUCTION			
HOLE SIZE	CASING SIZE	DEPTH SET	CMT TOP
7-7/8"	5-1/2"	8,400	SURFACE
17#			

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Verify at Surface

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5,662 - 5,682 DELAWARE PERFS (2002) OPEN

Set CIBP @ 8,100 ft. Spot 35ft of cmt 5 sx Class H

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NOTE: DRAWING NOT TO SCALE

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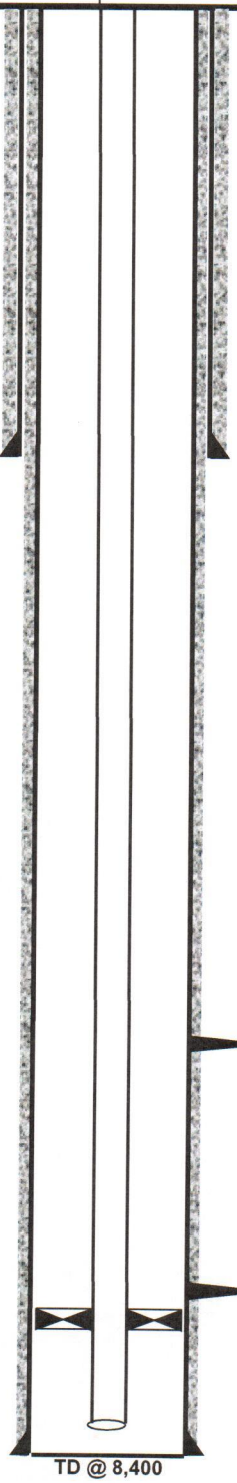

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NOTE: DRAWING NOT TO SCALE

Sundry ID 2664814

Plug Type	Top	Bottom	Length	Tag	Sacks	Notes
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Shoe Plug	1454.80	1570.00	115.20	Tag/Verify	155.00	Spot from 1570' to surface. Verify at Surface.
Base of Salt @ 3160	3078.40	3210.00	131.60	Tag/Verify		
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Capitan Reef @ 4905	4805.95	4955.00	149.05	If solid		

Delaware @ 5100	4999.00	5150.00	151.00	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 Perforatio	35.00	Spot from 5150' to 4805'.
CIBP Plug	5565.00	5600.00	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 Perforatio	5.00	Set CIBP at 5600'. Leak test CIBP.
Perforations Plug (If No CIBP)	5575.18	5732.00	156.82	Tag/Verify		
CIBP Plug	8065.00	8100.00	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 Perforatio	5.00	Set CIBP at 8100'. WOC and Tag. 35' on top of CIBP.
Perforations Plug (If No CIBP)	8076.00	8291.00	215.00	Tag/Verify		Not Necessary

Bonesprings @ 8262	8129.38	8312.00	182.62	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 Perforatio		Not Necessary
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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, Medium, Secretary : Top of salt to surface If no salt take the deepest fresh water.
R111P: 50' from bottom 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	Secretary Top of Salt to surface

Shoe @	1520.00		
Shoe @	8400.00		
Perforatons Top @	5662.00	Perforations Bottom @	5682.00
Perforatons Top @	8126.00	Perforations Bottom @	8241.00
		CIBP @	8100.00
		CIBP @	5600.00

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 **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
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Carlsbad, New Mexico 88220-6292
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TAKE PRIDE IN AMERICA

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 and all contaminants, scrap/trash, equipment, pipelines and powerlines. Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip 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
575-234-5909 (Office), 575-361-2648 (Cell)

Arthur Arias
Environmental Protection Specialist
575-234-6230

Crisha Morgan
Environmental Protection Specialist
575-234-5987

Kelsey Wade
Environmental Protection Specialist
575-234-2220

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

COMMENTS

Action 101717

COMMENTS

Operator: READ & STEVENS INC P.O. Box 1518 Roswell, NM 88202	OGRID: 18917
	Action Number: 101717
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	6/24/2022

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
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Created By	Condition	Condition Date
kfortner	Like approval from BLM	6/24/2022