

Well Name: PRESTON FED	Well Location: T20S / R24E / SEC 34 / SWSE /	County or Parish/State: EDDY / NM
Well Number: 5	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM045276	Unit or CA Name:	Unit or CA Number:
US Well Number: 300152718600S1	Well Status: Plugged and Abandoned	Operator: EOG RESOURCES INCORPORATED

Accepted for record – NMOCD gc 1/25/2022

Notice of Intent**Sundry ID:** 2652385**Type of Submission:** Notice of Intent**Type of Action:** Plug and Abandonment**Date Sundry Submitted:** 01/13/2022**Time Sundry Submitted:** 07:35**Date proposed operation will begin:** 01/31/2022**Procedure Description:** Please see attached Notice of Intent to P&A. Thank you.**Surface Disturbance****Is any additional surface disturbance proposed?:** NoSEE ATTACHED FOR
CONDITIONS OF APPROVAL**NOI Attachments****Procedure Description**

Preston_Federal_5H_1_13_22_20220113073511.pdf

RECLAMATION PROCEDURE
ATTACHED

Standard 4' dry hole marker required.

Well Name: PRESTON FED**Well Location:** T20S / R24E / SEC 34 / SWSE /**County or Parish/State:** EDDY / NM**Well Number:** 5**Type of Well:** OIL WELL**Allottee or Tribe Name:****Lease Number:** NMNM045276**Unit or CA Name:****Unit or CA Number:****US Well Number:** 300152718600S1**Well Status:** Plugged and Abandoned**Operator:** EOG RESOURCES INCORPORATED**Conditions of Approval****Specialist Review**

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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: TINA HUERTA**Signed on:** JAN 13, 2022 07:35 AM**Name:** EOG RESOURCES INCORPORATED**Title:** Regulatory Specialist**Street Address:** 104 SOUTH FOURTH STREET**City:** Artesia**State:** NM**Phone:** (575) 748-4168**Email address:** tina_huerta@eogresources.com**Field Representative****Representative Name:****Street Address:****City:****State:****Zip:****Phone:****Email address:****BLM Point of Contact****BLM POC Name:** JAMES A AMOS**BLM POC Title:** Acting Assistant Field Manager**BLM POC Phone:** 5752345927**BLM POC Email Address:** jamos@blm.gov**Disposition:** Approved**Disposition Date:** 01/21/2022**Signature:** James A. Amos

Preston Federal 5H
30-015-27186
Lease # NM-045276
840' FSL & 1980' FEL
Unit Letter O-34-20S-24E
Eddy County, New Mexico

EOG Resources, Inc. plans to plug and abandon this well as follows:

1. MIRU all safety equipment as needed. NU BOP. POOH with production equipment. *7315'*
2. Set a CIBP at 7485'. Pressure test. Spot ~~25~~ *35* sx Class H cement on top to ~~7365'~~ *7315'*. WOC and tag. This will cover open lateral and Canyon top.
3. ~~Perforate at 5070'. Attempt injection rate. Spot a 52 sx Class C cement plug from 5880'-5561'. WOC and tag. This will cover Wolfcamp top and DV tool.~~
4. Perforate at 3153'. Attempt injection rate. Squeeze with 50 sx Class C cement from 3153'-3013'. WOC and tag. This will cover Bone Spring top.
5. Perforate at ~~2112'~~ *2310'*. Attempt injection rate. Squeeze with ~~45~~ *110* sx Class C cement from ~~2112'-1982'~~ *2310'*. WOC and tag. This will cover Glorieta top: *E Top Yeso*
6. Perforate at 1132'. Attempt injection rate. Squeeze with 40 sx Class C cement from 1132'-1012'. WOC and tag. This will cover 9-5/8" casing shoe.
7. Perforate at 350'. Establish circulation. Squeeze with 140 sx Class C cement from 350' and circulate up to surface. Back fill as needed.
8. Cut off wellhead and install dry hole marker. Clean location as per regulated.

Wellbore schematics attached

*3. Spot plug (60 sx class C) from 6047' - 5780'
(covers DVT and Top of Wolfcamp). WOC Tag.
Standard 4' dry hole marker required.*

Preston Federal 5H Current

Sec-TWN-RNG: 34-20S-24E API: 30-015-36403
 FOOTAGES: SHL 840' FSL & 1980' FEL GL: 3721
 BHL 871' FSL & 2022' FEL (at KO) KB: 3735

CASING DETAIL									
#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cnt	Cnt/TOC	TOC Method
A	14 3/4"	9 5/8"	36	K55	0	1,082	1100	0	Circ
B	8 3/4"	7"	26	K55	0	9,650	705	5500	By TS

FORMATION TOPS

Formation	Top	Formation	Top
SA	540	WC	5830
Glorieta	2062	Canyon	7433
Yeso	2260	Strawn	7975
BS	3103	Atoka Shale	8832
		Mor Lm	8994

TUBING DETAIL

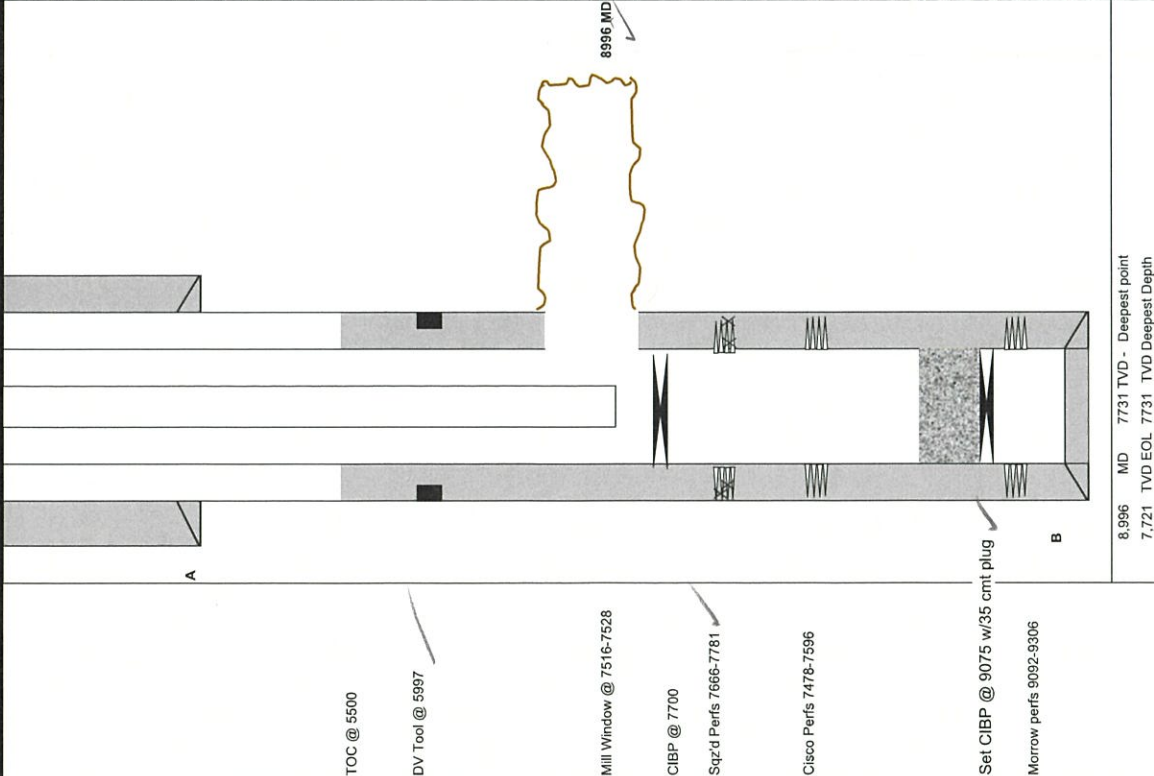
#	Joints	Description	Length	OD	ID	Grade	Wt (lb/ft)	Top (ftKB)	Btm (ftKB)
		2-7/8" Tubing with Cavins Tool							
		92 1" 85 7/8", 114 3/4", 10 1" T66 rods							7,628

Perforation Detail

Formation	Top	Bottom	Treatment
Morrow	9,092	9,306	
Cisco Canyon	7,763	7,781	50g 15% HCL & 8 bbls 20% NEFE HCL

Notes

12/19/2000	Cut over CIBP @ 7535' & pushed remainder to bottom
12/14/2000	Acidized Open hole later with 3000 g 20% IC
12/19/2000	Cut over CIBP @ 7535' & push remainder to bottom
12/20/2000	Cut over cnt retainer @ 7625.



Preston Federal 5H Proposed

Sec-TWN-RNG: 34-20S-24E
FOOTAGES: SHL 840' FSL & 1980' I
BHL 871' FSL & 2022' FEL (at KO)

API: 30-015-36403
GL: 3721
KB: 3735

Plug 6: Perf @ 350. Establish
Circ. 0-350. WOC & tag. Surface
plug

Plug 5: Perf @ 1132. 1012-1132.
WOC & tag. Csg shoe

Plug 4: Perf @ 2112. 1982-2112. WOC &
tag. Glorieta top

Plug 3: Perf @ 3153. 3013-3152. WOC &
tag. BS top

TOC @ 5500

DV Tool @ 5987
Plug 2: Perf @ 5070. 5561-5980. WOC &
tag. Wolfcamp top + DV tool

Plug 1: CIBP @ 7485. 7365-7485. WOC &
tag. Open lateral & Canyon top

Mill Window @ 7516-7528

CIBP @ 7700

Sqz'd Perfs 7666-7781

Cisco Perfs 7478-7596

Set CIBP @ 9075 w/35 cmt plug

Morrow perfs 9092-9306

CASING DETAIL

#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt	Circ/TOC	TOC Method
A	14 3/4	9 5/8	36	K55	0	1,082	1100	0	Circ
B	8 3/4	7	26	K55	0	9,650	705	5500	By TS

FORMATION TOPS

Formation	Top	Bottom	Formation	Top
SA	540		WC	5830
Glorieta	2062		Canyon	7433
Yeso	2260		Strawn	7975
BS	3103		Aloka Shale	8832
			Mor Lim	8994

Perforation Detail

Formation	Top	Bottom	Treatment
Morrow	9,092	9,306	
Cisco Canyon	7,763	7,781	50g 15% HCL & 8 bbls 20% NEFE HCL

Notes

12/19/2000	Cut over CIBP @ 7535' & pushed remainder to bottom
12/14/2000	Acidized Open hole later with 3000 g 20% IC HCL
12/19/2000	Cut over CIBP @ 7535' & push remainder to bottom
12/20/2000	Cut over cmt retainer @ 7625.

PLUGS

#	SX	Class	Top	Bottom	Notes	Tag
1	25	H	7365	7485	CIBP @ 7485, Pressure test. Spot 25sx. WOC & tag. Open lateral and Canyon top.	Y
2	52	C	5561	5880	Perf @ 5070. Attempt Inj. Spot 52sx. WOC & tag. Wolfcamp top + Dr tool	Y
3	50	C	3013	3153	Perf @ 3153. Attempt Inj. Spot 50sx. WOC & tag. BS top	Y
4	45	C	1982	2112	Perf @ 2112. Attempt Inj. Spot 45sx. WOC & tag. Glorieta top.	Y
5	40	C	1012	1132	Perf @ 1132. Attempt Inj. Spot 40sx. WOC & tag. 9 5/8 csg shoe.	Y
6	140	C	0	350	Perf @ 350. Establish circ. Spot 140sx. Surface plug	Y

Preston Federal 5H Proposed

Plug 6: Perf @ 350. Establish Circ. 0-350. WOC & tag. Surface plug

Plug 5: Perf @ 1132. 1012-1132. WOC & tag. Csg shoe

Plug 4: Perf @ 2112. 1982-2112. WOC & tag. Glorieta top

Plug 3: Perf @ 3153. 3013-3152. WOC & tag. BS top

TOC @ 5500

DV Tool @ 5997

Plug 2: Perf @ 5070. 5561-5880. WOC & tag. Wolfcamp top + DV tool

Plug 1: CIBP @ 7485. 7485-7485. WOC & tag. Open lateral & Canyon top

Mill Window @ 7516-7528

CIBP @ 7700

Sqzd Perfs 7666-7761

Cisco Perfs 7478-7596

Set CIBP @ 9075 w/35 cmt plug

Morrow perfs 9092-9306

8,996 MD 7731 TVD - Deepest point
7,721 TVD EOL 7731 TVD Deepest Depth

**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**

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 575-393-3612.

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. Dry Hole Marker: 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.**

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

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.



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 and 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 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

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 74558

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 74558
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	1/25/2022