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

Sundry Print Report

05/02/2022

Well Name: FEDERAL CB COM

Well Location: T17S / R25E / SEC 15 / SESW /

County or Parish/State: EDDY / NM

Well Number: 3

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMNM0439900

Unit or CA Name: 3 FEDERAL CB COM

Unit or CA Number: NMNM106844

US Well Number: 300152437000S3

Well Status: Producing Gas Well

Operator: EOG RESOURCES INCORPORATED

Accepted for record – NMOCD gc 5/9/2022

Notice of Intent

Sundry ID: 2666992

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 04/14/2022

Time Sundry Submitted: 08:11

Date proposed operation will begin: 04/27/2022

Procedure Description: Please see attached Notice of Intent to P&A. Thank you.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Federal_CB_Com_3_4_14_22_20220414081100.pdf

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Conditions of Approval

Specialist Review

FEDERAL_CB_COM_3___2666992___COA_AND_PROCEDURE_20220422094621.pdf

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: TINA HUERTA

Signed on: APR 14, 2022 08:11 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 Name:

Street Address:

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

Phone:

Email address:

BLM Point of Contact

BLM POC Name: KEITH P IMMATTY

BLM POC Title: ENGINEER

BLM POC Phone: 5759884722

BLM POC Email Address: KIMMATTY@BLM.GOV

Disposition: Approved

Disposition Date: 04/22/2022

Signature: Keith Immatty

Sundry ID: 2666992

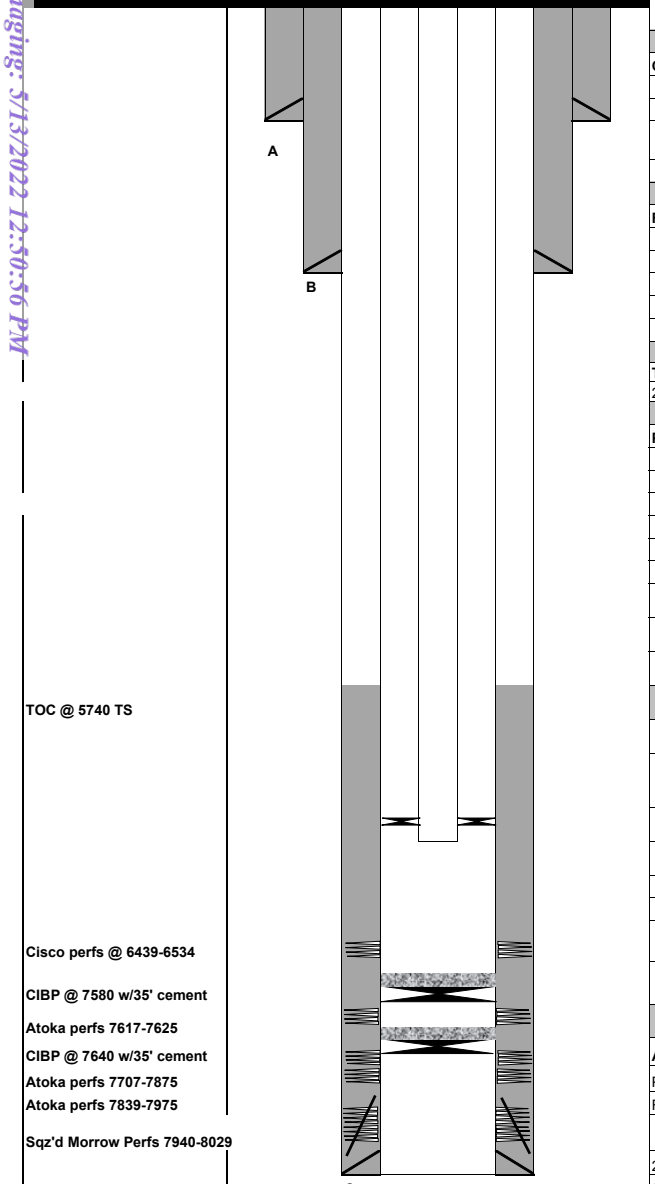
Federal CB Com 3
30-015-24370
Lease # NM-0439900
660'FSL & 1980'FWL
Unit Letter N-15-17S-25E
Eddy County, New Mexico

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.
2. Spot a 25 sx Class C cement plug from 7163'-6795'. This will cover Canyon top.
3. Set a CIBP at 6389'. Pressure test: 500psi for 30mins. Spot 25 sx Class C cement on top of CIBP to 6021'. WOC and tag. This will cover Cisco perfs and top.
4. Perforate at 5250'. Attempt injection rate. Squeeze with 37 sx Class C cement from 5250'-5097'. WOC and tag. This will cover Wolfcamp top.
5. Perforate at 4125'. Attempt injection rate. Squeeze with 37 sx Class C cement from 4125'-3972'. WOC and tag. This will cover Abo top.
6. Perforate at 2040'. Attempt injection rate. Squeeze with 32 sx Class C cement from 2040'-1907'. WOC and tag. This will cover Glorieta top.
7. Perforate at 1210'. Attempt injection rate. Squeeze with 27 sx Class C cement from 1210'-1083'. WOC and tag. This will cover casing shoe.
8. Perforate at 761'. Attempt injection rate. Squeeze with 27 sx Class C cement from 761'-634'. WOC and tag. This will cover San Andres top.
9. Perforate at ~~395~~'. Attempt injection/circulation. Squeeze with ~~95~~ sx Class C cement at ~~395'~~ and circulate up to surface. Back fill as needed. Perf and squeeze at 400' and 100sx to account for fresh water base at 350'
10. Cut off wellhead and install dry hole marker. Clean location as per regulated.

Wellbore schematics attached

Federal CB Com 3 Current



PBTD: 7,617 MD
TD: 8,200 MD

Sec-TWN-RNG: 15-17S-25E **API:** 30-015-24370
FOOTAGES: 660 FSL & 1980 FWL **GR:** 3530

CASING DETAIL

#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt	Circ/TOC	TOC Method
A	17 1/2	13 3/8	54	J-55	0	345	450	Circ	
B	12 1/4	8 5/8	24	J-55	0	1,160	985	1" to surface	
C	7 7/8	4 1/2	10.5 & 11.6	K-55/J-55	0	8,190	625	5740	TS

FORMATION TOPS

	Formation	Top (MD)		Formation	Top (MD)		Formation	Top (MD)	
	San Andres	711		Cisco	6277				
	Glorieta	1990		Canyon	7113				
	Abo	4075		Atoka	7702				
	Wolfcamp	5200		Morrow	7919				

TUBING DETAIL

2 3/8 tbg & pkr set at 6372

PLUGS

#	SX	Class	Top	Bottom	Δ	Notes	Tag
1							
2							
3							
4							
5							
6							
7							

	Formation	Top	Bottom	Treatment
	Cisco	6,439	6,534	w/10000 scf N2 pad, 1000 gals 15% acid w/1000 scf N2/bbl. w/2500 gals 15% NEFE + N2
	Atoka	7,617	7,625	Treated w/1000 gals 7 1/2% spearhead acid
	Atoka	7,707	7,875	w/3000 gals 15% acid. N2 + balls SF all perfs w/1050 gals 7 1/2% acid, 20000 gals gel acid + 3500# 100 mesh + 25000# 20/40 sd
	Atoka	7,839	7,975	Acidized w/3000 gals 15% NE acid and N2 plus ball sealers
	Morrow Sqz'd perfs	7,940	7,950	Acidized w/1000 gals 7 1/2% Morflow acid, N2 and 10 balls
	Morrow Sqz'd perfs	7,982	7,990	Acidized w/1000 gals 7 1/2% MSA acid, N2 and balls
	Morrow Sqz'd perfs	8,019	8,029	

ADDITIONAL DETAIL

Perf 8019-8029. Set cement retainer @ 8003 and sqz 70sx cement. Perforated several intervals in Morrow. Perfs Atoka and produced

Found hole in casing 5/21/89. retainer @ 5511 cemented w/900sx class C. Drilled out retainer. Perforated Strawn 7617-7625. Set RBP @ 7644. (was retreived)

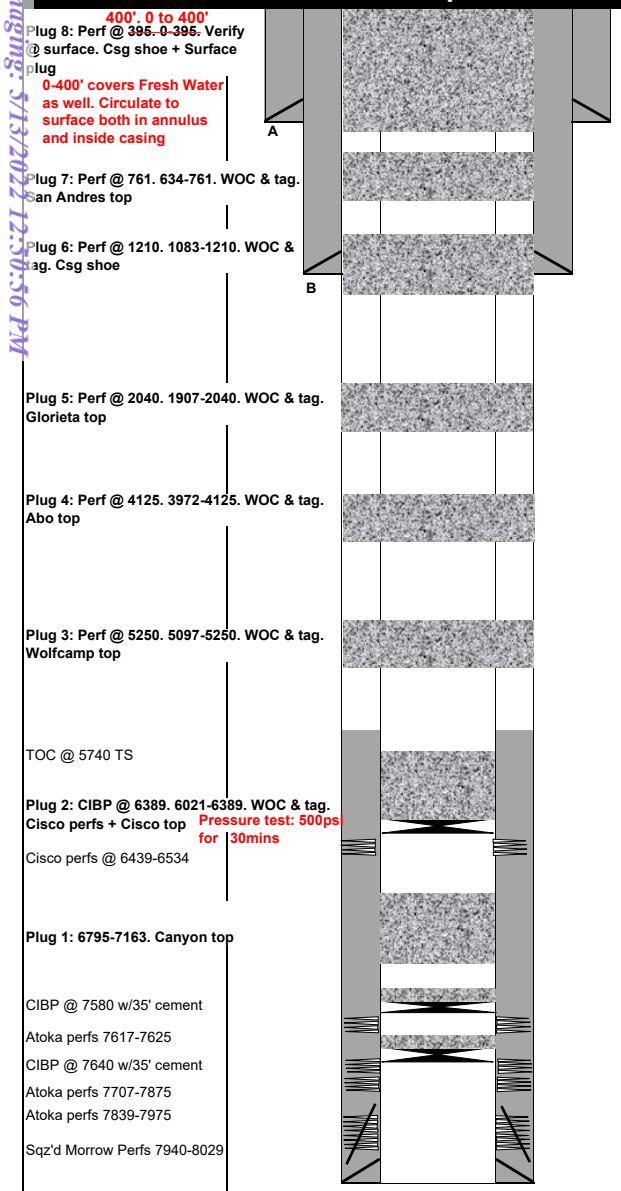
Treated perfs w/1000 gals 7 1/2% Spearhead acid.

2/24/93- unset pkr @ 7550 & unset RBP @ 7644. Sert CIBP @ 7640 w/35' cement. Set CIBP @ 7580 w/35' cement. Perf 6439-6448. Acidized. Perf 6520-6534 &

& acidize. Set pkr @ 6483.

NF 4/8/22

Federal CB Com 3 Proposed



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FOOTAGES:	**660 FSL & 1980 FWL**
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#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt	Circ/TOC	TOC Method
A	17 1/2	13 3/8	54	J-55	0	345	450	Circ	
B	12 1/4	8 5/8	24	J-55	0	1,160	985	1" to surface	
C	7 7/8	4 1/2	10.5 & 11.6	K-55/J-55	0	8,190	625	5740	TS

FORMATION TOPS

	Formation	Top (MD)		Formation	Top (MD)		Formation	Top (MD)	
	San Andres	711		Cisco	6277				
	Glorieta	1990		Canyon	7113				
	Abo	4075		Atoka	7702				
	Wolfcamp	5200		Morrow	7919				

TUBING DETAIL

2 3/8 tbg & pkr set at 6372

PLUGS

#	SX	Class	Top	Bottom	Δ	Notes	Tag
1	25	C	6795	7163	368	Spot 25sx. Canyon top	N
2	25	C	6021	6389	368	CIBP @ 6389. Pressure test. Spot 25sx. WOC & tag. Cisco perfs + Cisco top	Y
3	37	C	5097	5250	153	Perf @ 5250. Attempt Inj. Sqz 37sx. WOC & tag. Wolfcamp top	Y
4	37	C	3972	4125	153	Perf @ 4125. Attempt Inj. Sqz 37sx. WOC & tag. Abo top	Y
5	32	C	1907	2040	133	Perf @ 2040. Attempt Inj. Sqz 32sx. WOC & tag. Glorieta top	Y
6	27	C	1083	1210	127	Perf @ 1210. Attempt Inj. Sqz 27sx. WOC & tag. Csg shoe	Y
7	27	C	634	761	127	Perf @ 761. Attempt Inj. Sqz 27sx. WOC & tag. San Andres top	Y
8	95	C	0	395	395	Perf @ 395. Attempt Inj/Circ. Sqz 95sx. Verify @ surface. Csg shoe + Surface plug	Y

	Formation	Top	Bottom	Treatment
	Cisco	6,439	6,534	w/10000 scf N2 pad, 1000 gals 15% acid w/1000 scf N2/bbl. w/2500 gals 15% NEFE + N2
	Atoka	7,617	7,625	Treated w/1000 gals 7 1/2% spearhead acid
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	Morrow Sqz'd perfs	8,019	8,029	

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NF 4/8/22

Sundry ID **2666992**

Plug Type	Top	Bottom	Length	Tag	Sacks	Notes
Shoe Plug	1098.40	1210.00	111.60	Tag/Verify	30.00	10sx inside casing and 20sx in annulus. Tag and verify plug top shallower than 1098'
Surface Plug	0.00	50.00	50.00	Tag/Verify	100.00	30sx inside casing and 70sx in annulus. Perf at 400' and circulate to surface inside casing and in annulus
ABO in Plateform Shelf @ 4075	3984.25	4125.00	140.75	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	37.00	11sx inside and 26sx in annulus. Tag and verify plug top shallower than 3984'
Fresh Water @ 350	296.50	400.00	103.50	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	100.00	30sx inside casing and 70sx in annulus. Perf at 400' and circulate to surface inside casing and in annulus

Shoe Plug	291.55	395.00	103.45	Tag/Verify	100.00	30sx inside casing and 70sx in annulus.
Glorieta @ 1990	1920.10	2040.00	119.90	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	30.00	10sx inside casing and 20sx in annulus. Tag and verify plug top shallower than 1920'
Wolfcamp @ 5200	5098.00	5250.00	152.00	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	37.00	11sx inside and 26sx in annulus. Tag and verify plug top shallower than 5098'

CIBP Plug	6354.00	6389.00	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	Spot 25sx class c on top of the CIBP. Pressure test to 500psi for 30mins

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	**Low**

Shoe @	**345.00**
Shoe @	**1160.00**
Shoe @	**8190.00**

Perforatons Top @	**6439.00**	**Perforations Bottom @**	**6534.00**
		CIBP @	**6389.00**

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

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. 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, 575-361-2648 (Cell)

Arthur Arias
Environmental Protection Specialist
575-234-6230

Crisha Morgan
Environmental Protection Specialist
575-234-5987

Melissa Horn
Environmental Protection Specialist
575-234-5951

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

CONDITIONS

Action 103091

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 103091
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	5/9/2022