

Sundry Print Report

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

Well Name: KEG SHELL FEDERAL Well Location: T26S / R28E / SEC 35 / County or Parish/State: EDDY /

COM LOT 4 / 32.001025 / -104.052002

Well Number: 901H Type of Well: OIL WELL Allottee or Tribe Name:

Lease Number: NMNM106909 Unit or CA Name: Unit or CA Number:

US Well Number: 300155365000X1 Well Status: Plugged and Abandoned Operator: COG OPERATING

LLC

Accepted for record -NMOCD gc12/6/2023

Notice of Intent

Sundry ID: 2748284

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 08/28/2023 Time Sundry Submitted: 03:19

Date proposed operation will begin: 08/28/2023

Procedure Description: COG Operating LLC respectfully requests approval to P&A the following approved APD. Keg Shell 901H: API:30-015-53650 When we drilled our 9-7/8" intermediate section we had been dealing with significant water flows and got stuck while drilling at 7312'. We worked the pipe and tried to get free with no success. We then ran a freepoint on wireline and it was determined that we were 100% free at 6000' and were 100% stuck beginning at 6500'. We ran in the hole with a string shot and backed off at 6,093' and pulled out and picked up fishing tools. We tripped in with fishing tools and latched onto the fish at 6,093' and jarred on the fish trying to break it free. We continued to work the pipe and were not successful. Picked up wireline and stringshot and backed off at 6,093'. Notified the BLM of the intent to sidetrack with cement plugs and was determined OH packer was needed above the fish. Got OH packer built and sent to location. P/U it up on drill pipe and ran it to 1,963' and was unable to run it any further. Pulled and laid down the packer assembly and picked up a clean out assembly. Tripped in the hole and washed and reamed the hole from 1900' to 1974' but were unable to work through the tight spot without having to pump and rotate the drill string which was not capable when the packer was run. Notified the BLM about the issues with the packer and also notified them of the intent to P&A instead of sidetrack. Tripped in the hole with drill pipe to 5,896' and pumped our first plug with 595 sks of 18 ppg Class H cement. WOC and tagged plug at 5938' Tripped out to 3,250' and pumped 2nd cement with 595 sks of 18 ppg Class H cement. WOC and tagged 2nd plug at 3,278' Tripped out to 2,700' and pumped 3rd cement plug with 420 sks of 15 ppg cement. WOC and tagged 3rd plug at 2,075' Tripped out to 2049' and pumped 4th cement plug with 385 sks of 14.8 ppg cement. Tripped out to 1,367' and circulated out 7 bbls of cement to surface. Pumped 5th cement plug at 1,367' with 395 sks of 14.8 ppg cement. Tripped out to 638' and circulated out 20 bbls of cement to surface. Pumped 6th cement plug at 638' with 226 sks of 14.8 ppg cement. Trip out of the hole and WOC. TIH and tagged TOC at 108'. POOH. Topped out cement from 108' to surface with 66 sks of 14.8 ppg cement. This well will be changed to: Keg Shell Federal Com 901Y. The Skid well will be: Keg Shell Federal Com 901H.

Page 1 of 3

eceived by OCD: 11/29/2023 2:01:56 PM
Well Name: KEG SHELL FEDERAL

COM

Well Location: T26S / R28E / SEC 35 / LOT 4 / 32.001025 / -104.052002

County or Parish/State: EDBY 7 of

NM

Well Number: 901H Type of Well: OIL WELL Allottee or Tribe Name:

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LLC

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Keg_Shell_901H_P_A_WBD_20230828150817.pdf

Conditions of Approval

Specialist Review

COA_General_Plug___abandon_20231106053409.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: MAYTE REYES Signed on: AUG 28, 2023 03:08 PM

Name: COG OPERATING LLC

Title: Regulatory Analyst

Street Address: 925 N ELDRIDGE PARKWAY

City: HOUSTON State: TX

Phone: (281) 293-1000

Email address: MAYTE.X.REYES@CONOCOPHILLIPS.COM

Field

Representative Name: Gerald Herrera
Street Address: 2208 West Main Street

City: Artesia State: NM Zip: 88210

Phone: (575)748-6940

Email address: gerald.a.herrera@conocophillips.com

Page 2 of 3

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COM

Well Number: 901H Type of Well: OIL WELL

County or Parish/State: Page 3 of LOT 4 / 32.001025 / -104.052002

Allottee or Tribe Name:

Lease Number: NMNM106909 **Unit or CA Name: Unit or CA Number:**

US Well Number: 300155365000X1 Well Status: Plugged and Abandoned **Operator: COG OPERATING**

LLC

BLM Point of Contact

BLM POC Name: ZOTA M STEVENS BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345998 BLM POC Email Address: ZSTEVENS@BLM.GOV

Disposition Date: 11/06/2023

Signature: Zota Stevens

Disposition: Approved

Form 3160-5 (June 2019)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 202

BURI	EAU OF LAND MANAGEMENT	5. Lease Serial No. NMNM106909		
Do not use this t	OTICES AND REPORTS ON Worm for proposals to drill or to Use Form 3160-3 (APD) for su	6. If Indian, Allottee of	or Tribe Name	
	TRIPLICATE - Other instructions on pag	7. If Unit of CA/Agre	ement, Name and/or No.	
1. Type of Well Oil Well Gas W	Vell Other	8. Well Name and No	KEG SHELL FEDERAL COM/901H	
2. Name of Operator COG OPERATING LLC			9. API Well No. 3001	553650
3a. Address 600 West Illinois Ave, Midland, TX 79701 3b. Phone No. (include area (432) 683-7443			10. Field and Pool or PURPLE SAGE/W	Exploratory Area
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description) SEC 35/T26S/R28E/NMP			11. Country or Parish, EDDY/NM	State
12. CHE	CK THE APPROPRIATE BOX(ES) TO IN	DICATE NATURE OF NO	TICE, REPORT OR OTI	HER DATA
TYPE OF SUBMISSION		TYPE OF A	CTION	
✓ Notice of Intent	Acidize Deep Alter Casing Hydr	=	oduction (Start/Resume)	Water Shut-Off Well Integrity
Subsequent Report		=	complete mporarily Abandon	Other
Final Abandonment Notice	Convert to Injection Plug	Back Wa	ater Disposal	
completion of the involved operation completed. Final Abandonment Notice is ready for final inspection.) COG Operating LLC respectful Keg Shell 901H: API:30-015-5 When we drilled our 9-7/8 interworked the pipe and tried to go and were 100% stuck beginning. We tripped in with fishing tools and were not successful. Picket plugs and was determined OH 1,963 and was unable to run it and washed and reamed the homogeneous complete.	rmediate section we had been dealing vet free with no success. We then ran a fing at 6500. We ran in the hole with a strip and latched onto the fish at 6,093 and and up wireline and stringshot and backet packer was needed above the fish. Go any further. Pulled and laid down the proof from 1900 to 1974 but were unable information	npletion or recompletion in its, including reclamation, having approved APD. with significant water flow reepoint on wireline and it ing shot and backed off a jarred on the fish trying to d off at 6,093. Notified that OH packer built and ser acker assembly and picker	a new interval, a Form 3 ave been completed and the same seen completed at 6,093 and pulled out to break it free. We come BLM of the intent to same to location. P/U it up the same seen complete seen	In the operator has detennined that the site operator has detended in the site operator
14. I hereby certify that the foregoing is true and correct. Name (<i>Printed/Typed</i>) MAYTE REYES / Ph: (281) 293-1000		Regulatory Analyst Title		
(Electronic Submission) Signature		Date 08/28/2023		
	THE SPACE FOR FED	ERAL OR STATE O	FICE USE	
Approved by				
ZOTA M STEVENS / Ph: (575) 234	Petroleum E		11/06/2023 Date	
	ned. Approval of this notice does not warran equitable title to those rights in the subject led duct operations thereon.		D	
	3 U.S.C Section 1212, make it a crime for a		rillfully to make to any do	epartment or agency of the United States

(Instructions on page 2)

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

SPECIFIC INSTRUCTIONS

Item 4 - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

Item 13: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c)and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

(Form 3160-5, page 2)

Additional Information

Additional Remarks

string which was not capable when the packer was run. Notified the BLM about the issues with the packer and also notified them of the intent to P&A instead of sidetrack.

Tripped in the hole with drill pipe to 5,896 and pumped our first plug with 595 sks of 18 ppg Class H cement. WOC and tagged plug at 5938

Tripped out to 3,250 and pumped 2nd cement with 595 sks of 18 ppg Class H cement. WOC and tagged 2nd plug at 3,278

Tripped out to 2,700 and pumped 3rd cement plug with 420 sks of 15 ppg cement. WOC and tagged 3rd plug at 2,075

Tripped out to 2049 and pumped 4th cement plug with 385 sks of 14.8 ppg cement. Tripped out to 1,367 and circulated out 7 bbls of cement to surface.

Pumped 5th cement plug at 1,367 with 395 sks of 14.8 ppg cement. Tripped out to 638 and circulated out 20 bbls of cement to surface.

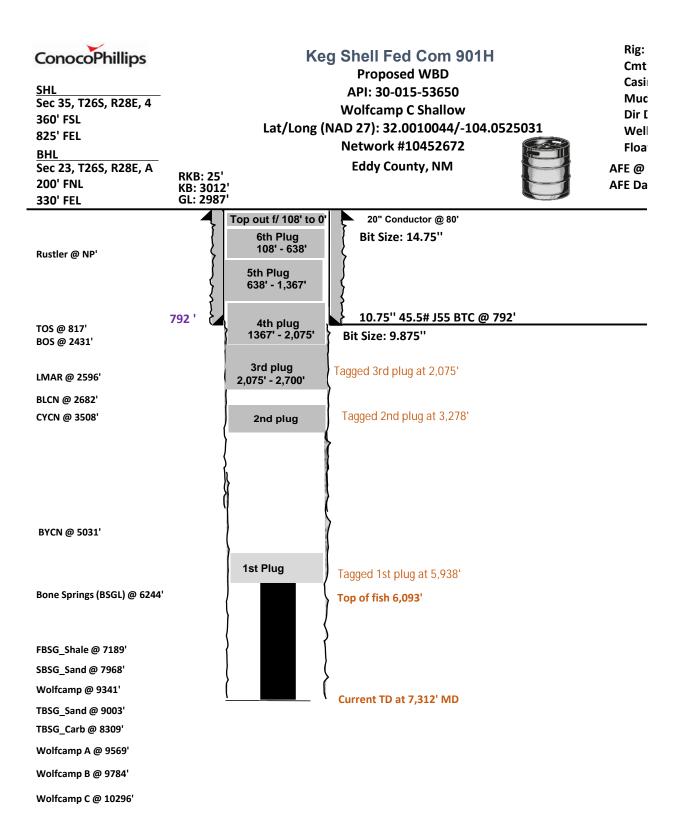
Pumped 6th cement plug at 638 with 226 sks of 14.8 ppg cement. Trip out of the hole and WOC. TIH and tagged TOC at 108. POOH.

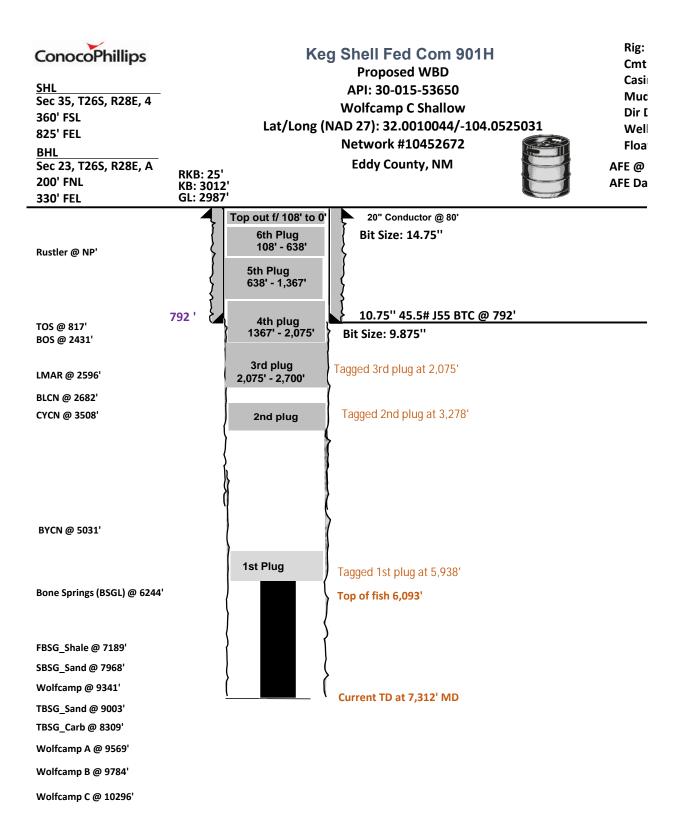
Topped out cement from 108 to surface with 66 sks of 14.8 ppg cement.

This well will be changed to: Keg Shell Federal Com 901Y. The Skid well will be: Keg Shell Federal Com 901H.

Location of Well

0. SHL: LOT 4 / 360 FSL / 825 FEL / TWSP: 26S / RANGE: 28E / SECTION: 35 / LAT: 32.001025 / LONG: -104.052002 (TVD: 0 feet, MD: 0 feet) PPP: LOT 4 / 330 FSL / 330 FEL / TWSP: 26S / RANGE: 28E / SECTION: 35 / LAT: 32.000946 / LONG: -104.050406 (TVD: 10349 feet, MD: 10504 feet) PPP: SESE / 1 FSL / 330 FEL / TWSP: 26S / RANGE: 28E / SECTION: 26 / LAT: 32.006526 / LONG: -104.050404 (TVD: 10409 feet, MD: 12840 feet) BHL: NENE / 200 FNL / 330 FEL / TWSP: 26S / RANGE: 28E / SECTION: 23 / LAT: 32.034813 / LONG: -104.050436 (TVD: 10522 feet, MD: 22658 feet)





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 <u>ninety (90)</u> days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 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. <u>Notification:</u> Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.
- 3. <u>Blowout Preventers</u>: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.
- 4. <u>Mud Requirement:</u> Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.
- 5. <u>Cement Requirement</u>: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. <u>Dry Hole Marker</u>: 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. <u>Subsequent Plugging Reporting:</u> Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**
- 8. <u>Trash:</u> All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office 620 E. Greene St. Carlsbad, New Mexico 88220-6292 www.blm.gov/nm



In Reply Refer To: 1310

Reclamation Objectives and Procedures

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its predisturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any and all contaminants, scrap/trash, equipment, pipelines and powerlines. Strip and remove caliche, contour the location to blend with the surrounding landscape, redistribute 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.

- 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

Henryetta Price Environmental Protection Specialist 575-234-5951

Shelly Tucker Environmental Protection Specialist 575-234-5979

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

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 289517

CONDITIONS

Operator:	OGRID:	
COG OPERATING LLC	229137	
600 W Illinois Ave	Action Number:	
Midland, TX 79701	289517	
	Action Type:	
	[C-103] NOI Plug & Abandon (C-103F)	

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	12/6/2023