# Sundry Print Report

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

Well Name: QUERECHO Well Location: T18S / R33E / SEC 28 / County or Parish/State: LEA /

NESW / 32.7166749 / -103.6701879

Well Number: 01 Type of Well: OIL WELL Allottee or Tribe Name:

Lease Number: NMNM96781 Unit or CA Name: Unit or CA Number:

US Well Number: 3002526567 Well Status: Producing Oil Well Operator: EOG RESOURCES

INCORPORATED

## **Notice of Intent**

**Sundry ID: 2776833** 

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 02/27/2024 Time Sundry Submitted: 08:27

Date proposed operation will begin: 03/15/2024

**Procedure Description:** EOG PROPOSES TO PLUG THIS WELL USING THE ATTACHED PROCEDURE. CURRENT AND PROPOSED WELLBORE SCHEMATICS ALSO ATTACHED.

# **Surface Disturbance**

Is any additional surface disturbance proposed?: No

# **NOI Attachments**

## **Procedure Description**

 $Querecho\_Federal\_\_1\_\_P\_A\_WBD\_\_Proposed\_WBD\_20240227082728.pdf$ 

 $Querecho\_Federal\_\_1\_\_P\_A\_WBD\_\_Current\_WBD\_20240227082728.pdf$ 

 $Querecho\_Federal\_\_1\_\_P\_A\_Procedure\_20240227082708.pdf$ 

eceived by OCD: 3/18/2024 1:28:46 PM Well Name: QUERECHO

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NESW / 32.7166749 / -103.6701879

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**Operator: EOG RESOURCES** 

INCORPORATED

# **Conditions of Approval**

### **Specialist Review**

2776833\_\_QUERECHO\_1\_COA\_AND\_PROCEDURES\_20240315113131.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: KAY MADDOX** Signed on: FEB 27, 2024 08:27 AM

Name: EOG RESOURCES INCORPORATED

Title: Regulatory Specialist

Street Address: 5509 CHAMPIONS DR.

City: MIDLAND State: TX

Phone: (432) 638-8475

Email address: KAY\_MADDOX@EOGRESOURCES.COM

#### **Field**

**Representative Name:** 

**Street Address:** 

City:

State:

Zip:

Phone:

**Email address:** 

# **BLM Point of Contact**

**BLM POC Name: JULIO A SANCHEZ BLM POC Title: ENGINEER** 

**BLM POC Phone:** 5752342240 BLM POC Email Address: JULIOSANCHEZ@BLM.GOV

**Disposition:** Approved Disposition Date: 03/15/2024

Signature: Julio Sanchez

Page 2 of 2

Form 3160-5 (June 2019)

# UNITED STATES DEPARTMENT OF THE INTERIOR

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

5. Lease Serial N
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BUREAU OF LAND MANAGEMENT	3. Lease Seriai No.
SUNDRY NOTICES AND REPORTS ON W Do not use this form for proposals to drill or to abandoned well. Use Form 3160-3 (APD) for suc	o re-enter an
SUBMIT IN TRIPLICATE - Other instructions on pag	7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well	9
Oil Well Gas Well Other	8. Well Name and No.
2. Name of Operator	9. API Well No.
3a. Address 3b. Phone No.	(include area code) 10. Field and Pool or Exploratory Area
4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)	11. Country or Parish, State
12. CHECK THE APPROPRIATE BOX(ES) TO INI	DICATE NATURE OF NOTICE, REPORT OR OTHER DATA
TYPE OF SUBMISSION	TYPE OF ACTION
Notice of Intent Acidize Deep	
	raulic Fracturing Reclamation Well Integrity
Subsequent Report ==	Construction Recomplete Other
	and Abandon Temporarily Abandon  Back Water Disposal
completed. Final Abandonment Notices must be filed only after all requirement is ready for final inspection.)	mpletion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been ts, including reclamation, have been completed and the operator has detennined that the site
14. I hereby certify that the foregoing is true and correct. Name ( <i>Printed/Typed</i> )	
	Title
Signature	Date
THE SPACE FOR FED	ERAL OR STATE OFICE USE
Approved by	
	Title Date
Conditions of approval, if any, are attached. Approval of this notice does not warran certify that the applicant holds legal or equitable title to those rights in the subject lewhich would entitle the applicant to conduct operations thereon.	
Title 18 U.S.C Section 1001 and Title 43 U.S.C Section 1212, make it a crime for an any false, fictitious or fraudulent statements or representations as to any matter with	ny person knowingly and willfully to make to any department 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, 3162.3-3, 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.

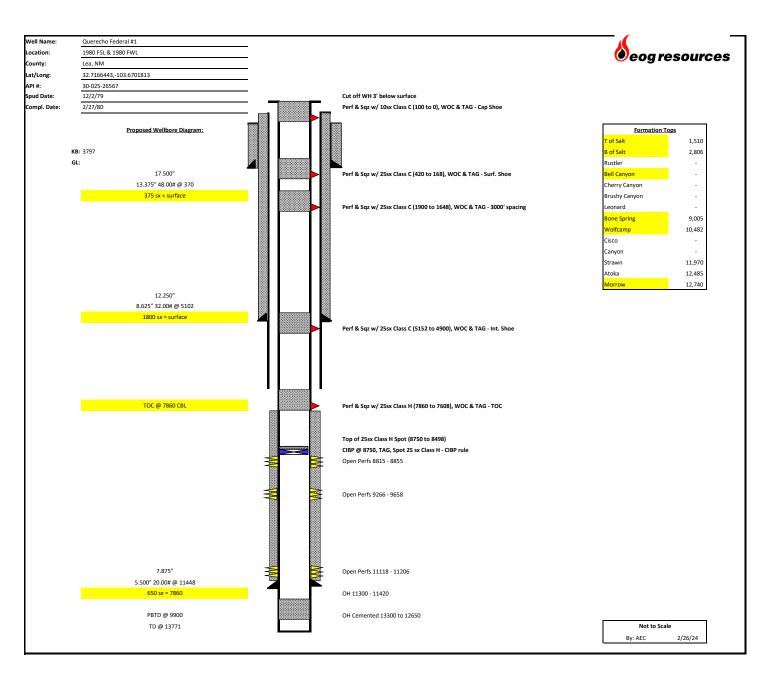
The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

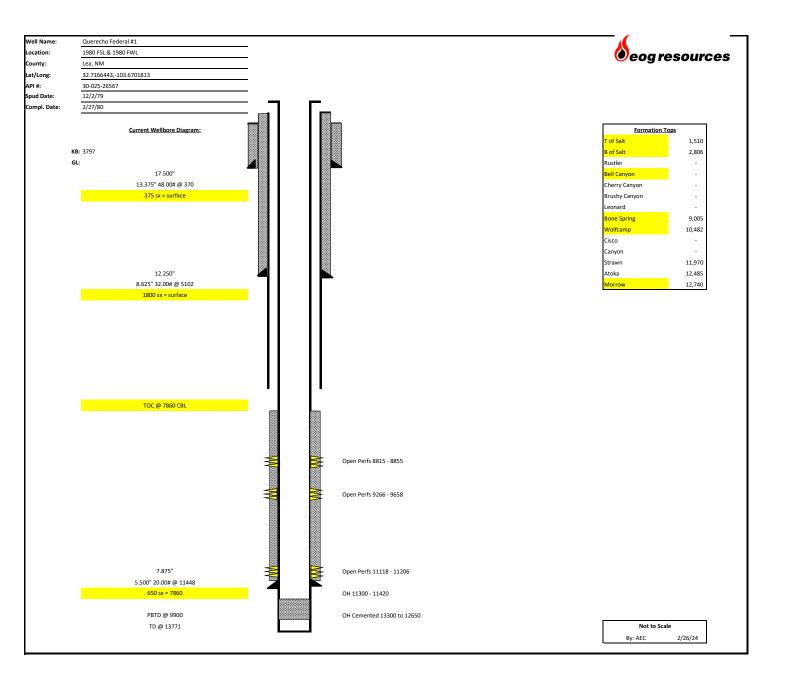
**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this 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

# **Additional Information**

## **Location of Well**

 $0. \ SHL: \ NESW \ / \ 1980 \ FSL \ / \ 1980 \ FWL \ / \ TWSP: \ 18S \ / \ RANGE: \ 33E \ / \ SECTION: \ 28 \ / \ LAT: \ 32.7166749 \ / \ LONG: \ -103.6701879 \ (\ TVD: \ 0 \ feet, \ MD: \ 0 \ feet \ )$   $BHL: \ NESW \ / \ 1980 \ FSL \ / \ 1980 \ FWL \ / \ TWSP: \ 18S \ / \ SECTION: \ / \ LAT: \ 0.0 \ / \ LONG: \ 0.0 \ (\ TVD: \ 0 \ feet, \ MD: \ 0 \ feet \ )$ 







Querecho Federal #1 - P&A Procedure

K-28-18S-33E

#### API # 30-025-26567

- 1. Notify Regulatory Agency 24 hours prior to commencing work. MIRU well service unit and all necessary safety equipment.
- 2. ND WH, NU BOP.
- 3. Unset Anchor, POOH and LD 2.875" TBG. PU WS and prep for P&A.
- 4. RIH to set CIBP at 8750 TAG and pressure test for 30 minutes.
- 5. Circulate plugging mud
- 6. Top CIBP w/ 25 sx Class H on CIBP
- 7. Pick up, perf @ 7860 and squeeze and balance w/ 25 sx Class H as part of TOC from CBL. 7860 to 7608. WOC and TAG.
- 8. Pick up, perf @ 5152 and squeeze and balance w/ 25 sx Class C for -50' Intermediate Shoe. 5152 to 4900. WOC & TAG.
- 9. Pick up, perf @ 1900 and squeeze and balance w/ 25 sx Class C for 3000' spacing rule. 1900 to 1648. WOC & TAG.
- 10. Pick up, perf @ 420 and squeeze and balance w/ 25 sx Class C for -50' below surface shoe. 420 to 168.
- 11. Pick up, perf @ 100 and squeeze and balance w/ 10 sx Class C for surface cement cap. 100 to 0.
- 12. Cut off WH 3' below surface, verify cement to surface, and weld on below ground P&A marker.
- 13. Cut off anchors 3' below surface and clean location.

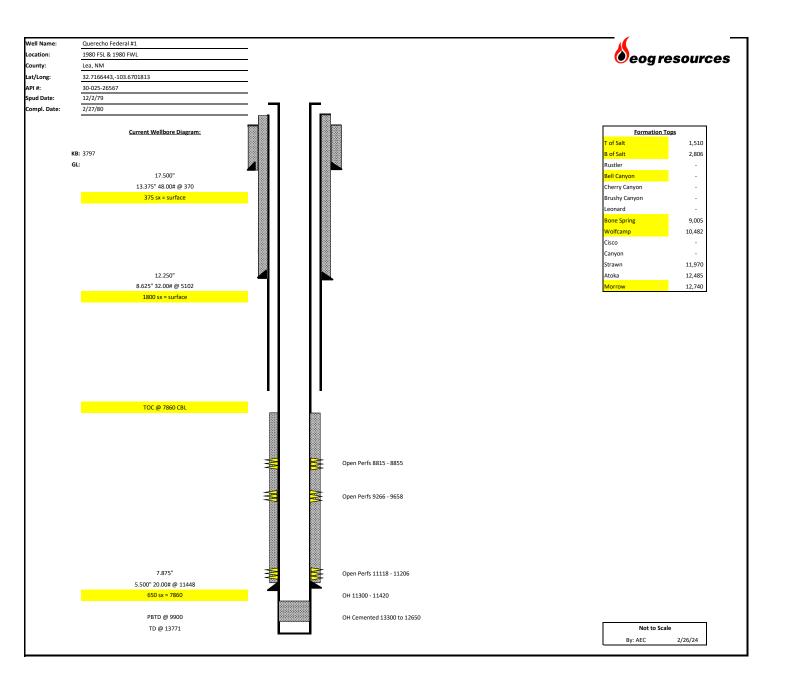


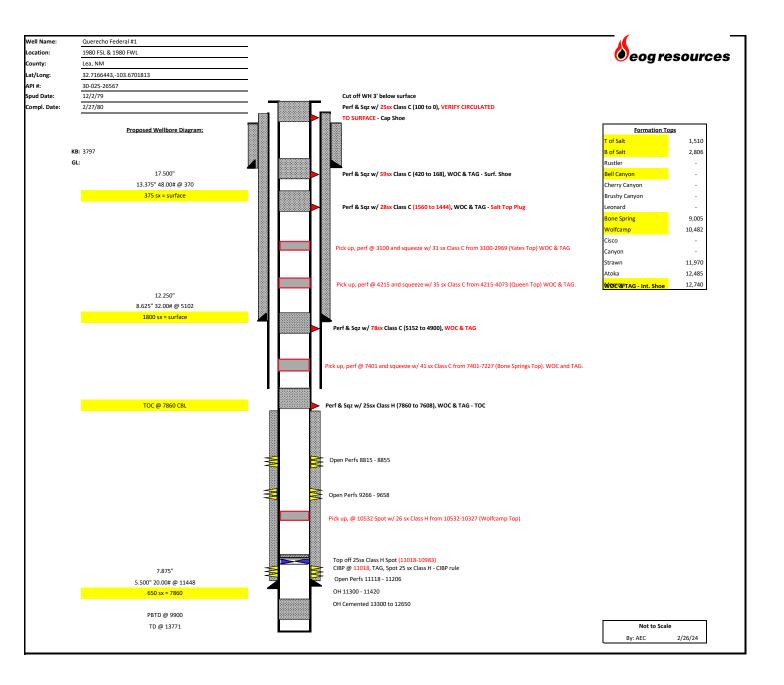
Querecho Federal #1 - P&A Procedure

K-28-18S-33E

API # 30-025-26567

- 1. Notify Regulatory Agency 24 hours prior to commencing work. MIRU well service unit and all necessary safety equipment.
- 2. ND WH, NU BOP.
- 3. Unset Anchor, POOH and LD 2.875" TBG. PU WS and prep for P&A.
- 4. RIH to set CIBP at 11018 TAG and pressure test for 30 minutes.
- 5. Circulate plugging mud
- 6. Top CIBP w/ 25 sx Class H on CIBP from 11018-10983
- 7. Pick up, @ 10532 Spot w/ 26 sx Class H from 10532-10327 (Wolfcamp Top)
- 8. Pick up, perf @ 7860 and squeeze and balance w/ 25 sx Class H as part of TOC from CBL. 7860 to 7608. WOC and TAG.
- 9. Pick up, perf @ 7401 and squeeze w/ 41 sx Class C from 7401-7227 (Bone Springs Top). WOC and TAG.
- 10. Pick up, perf @ 5152 and squeeze w/ 78 sx Class C form 5152-4900. WOC & TAG. (8.625in Shoe Plug)
- 11. Pick up, perf @ 4215 and squeeze w/ 35 sx Class C from 4215-4073 (Queen Top) WOC & TAG.
- 12. Pick up, perf @ 3100 and squeeze w/ 31 sx Class C from 3100-2969 (Yates Top) WOC & TAG
- 13. Pick up, perf @ 1560 and squeeze w/ 28 sx Class C from 1560-1444 (Salt Top) WOC & TAG
- 14. Pick up, perf @ 420 and squeeze w/ 59 sx Class C from 420-168 (13.375in Shoe Plug) WOC & TAG
- 15. Pick up, perf @ 100 and squeeze w/ 25 sx Class C from 100-0 VERIFY CIRCULATED TO SURFACE
- 16. Cut off WH 3' below surface, verify cement to surface, and weld on below ground P&A marker.
- 17. Cut off anchors 3' below surface and clean location.





Sundry ID	2776833						
						Cement	
Plug Type	Тор	Bottom	Length	Tag	Sacks	Class	Notes
				Verify circualted			
Surface Plug	0.00	100.00	100.00	to surface	25 sxs	Class C	
13.375 inch- Shoe Plug	168.00	420.00	252.00	WOC and Tag	59 sxs	Class C	Perf and Squeeze
Top of Salt @ 1510	1444.90	1560.00	115.10	WOC and Tag	28 sxs	Class C	Perf and Squeeze
Yates @ 3050	2969.50	3100.00	130.50	WOC and Tag	31 sxs	Class C	Perf and Squeeze
Queen @ 4165	4073.35	4215.00	141.65	WOC and Tag	35 sxs	Class C	Perf and Squeeze
8.625 inch- Shoe Plug	4900.00	5152.00	252.00	WOC and Tag	78 sxs	Class C	Perf and Squeeze
Bonesprings @ 7351	7227.49	7401.00	173.51	WOC and Tag	41 sxs	Class C	Perf and Squeeze
TOC @ 7860							
Wolfcamp @ 10482	10327.18	10532.00	204.82		26 sxs	Class H	Blanaced Plug
CIBP Plug	10983.00	11018.00	35.00	WOC and Tag	25 sxs	Class H	500 psi leak test

No more than 2000' is to be allowed between plugs in open hole, and no more than 3000' between plugs in cased hole.

Class H >7500' Class C<7500'

Fluid used to mix the cement in R111P shall be saturated with the salts common to the section penetrated, and in suitable proportions, but not more than 3% calcium chloride by weight of cement will be considered the desired mixture whenever possible.

Medium, Secretary: Top of salt to surface If no salt take the deepest fresh water or Karst Depth

High, Critical: Bottom of Karst to surface or Deepest fresh water, whichever is greater

R111P: 50 Feet from Base of Salt to surface.

Class C: 1.32 ft^3/sx Class H: 1.06 ft^3/sx

Onshore Order 2.III.G Drilling Abandonment Requirements: "All formations bearing usable-quality water, oil, gas, or geothermal resources, and/or a prospectively valuable deposit of minerals shall be protected.

Cave Karst/Potash Cement Requirement:	<u>Low</u>		
13.375 inch- Shoe Plug @	370.00		
8.625 inch- Shoe Plug @	5102.00		
5.5 inch- Shoe Plug @	11300.00	TOC @	7860.00
Perforatons Top @ Perforatons Top @	11118.00 8815.00	Perforation Perforation	11206.00 8855.00
		CIBP @	11018.00

# 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 <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 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> 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 575-689-5981.
- 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. 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 BY PHONE (numbers listed under 2.Notification) 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 10<sup>th</sup> 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. The following information shall be permanently inscribed on the plate: 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).

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. <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.

# **Timing Limitation Stipulation/ Condition of Approval for Lesser Prairie-Chicken:**

From March 1<sup>st</sup> through June 15<sup>th</sup> 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

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** 

COMMENTS

Action 324346

#### **COMMENTS**

Operator:	OGRID:
EOG RESOURCES INC	7377
5509 Champions Drive	Action Number:
Midland, TX 79706	324346
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

#### COMMENTS

Created By		Comment Date
plmartinez	DATA ENTRY PM.	3/27/2024

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II 811 S. First St., Artesia, NM 88210 Phone:(575) 748-1283 Fax:(575) 748-9720

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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 324346

#### **CONDITIONS**

Operator:	OGRID:
EOG RESOURCES INC	7377
5509 Champions Drive	Action Number:
Midland, TX 79706	324346
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

#### CONDITIONS

Created	Condition	Condition Date
gcord	Set CIBP @ 8760' -Open BS perforations. Test Casing 500psi/30min spot 15 sx cmt - WOC & Tag. CBL must be submitted to OCD via OCD Permitting	3/27/2024