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 /

SESW / 32.7130462 / -103.670185

Well Number: 02 Type of Well: OIL WELL Allottee or Tribe Name:

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

US Well Number: 3002530485 Well Status: Producing Oil Well Operator: EOG RESOURCES

INCORPORATED

Notice of Intent

Sundry ID: 2776741

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 02/26/2024 Time Sundry Submitted: 02:11

Date proposed operation will begin: 03/10/2024

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

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

 $Querecho_Federal_2__P_A_WBD__Proposed_WBD_20240226141136.pdf$

 $Querecho_Federal__2__P_A_WBD__Current_WBD_20240226141106.pdf$

 $Querecho_Federal__2__P_A_Procedure_20240226141046.pdf$

eceived by OCD: 3/20/2024 9:30:22 AM Well Name: QUERECHO

Well Location: T18S / R33E / SEC 28 /

SESW / 32.7130462 / -103.670185

County or Parish/State: LEA/ 2 of

NM

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Type of Well: OIL WELL

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Lease Number: NMNM96781

Unit or CA Name:

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US Well Number: 3002530485

Well Status: Producing Oil Well

Operator: EOG RESOURCES

INCORPORATED

Conditions of Approval

Specialist Review

2776741___QUERECHO_FED_2_COAs_and_Procedure_20240319170324.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 26, 2024 02:11 PM

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:** 03/19/2024

Signature: Julio Sanchez

Page 2 of 2

Form 3160-5

UNITED STATES

FORM APPROVED	
OMB No. 1004-0137	
Expires: October 31, 202	1

DEPARTMENT OF THE INTERIOR				Expires:	: October 31, 2021	
	EAU OF LAND MANAGEMENT	1	5. Lease Ser	ial No.		
Do not use this fo	OTICES AND REPORTS ON Vorm for proposals to drill or t lse Form 3160-3 (APD) for su	o re-enter an		Allottee or Tri	ibe Name	
	RIPLICATE - Other instructions on pag	ge 2	7. If Unit of	CA/Agreemer	nt, Name and/or No.	
Type of Well Oil Well Gas W	ell Other		8. Well Nam	ie and No.		
2. Name of Operator			9. API Well	No.		
sa. Address	3b. Phone No.	. (include area cod	e) 10. Field and	d Pool or Expl	oratory Area	
Location of Well (Footage, Sec., T.,R.	,M., or Survey Description)		11. Country	or Parish, Stat	te	
12. CHEC	CK THE APPROPRIATE BOX(ES) TO IN	DICATE NATURI	E OF NOTICE, REPORT	ΓOR OTHER	DATA	
TYPE OF SUBMISSION		TY	PE OF ACTION			
Notice of Intent	Acidize Dee	pen raulic Fracturing	Production (Start/ Reclamation	Resume) [Water Shut-Off Well Integrity	
Subsequent Report		Construction and Abandon	Recomplete Temporarily Aban	ndon.	Other	
Final Abandonment Notice		g Back	Water Disposal	don		
completed. Final Abandonment Notics ready for final inspection.)	ices must be filed only after all requiremen	ts, including reclar	nation, have been compl	eted and the o	perator has detennined that the	site
4. I hereby certify that the foregoing is	true and correct. Name (Printed/Typed)	Title				
		Title				
Signature		Date				
	THE SPACE FOR FED	ERAL OR ST	TATE OFICE USE			
Approved by		Title		Date		
	ed. Approval of this notice does not warran quitable title to those rights in the subject l duct operations thereon.	nt or				

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.

(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.

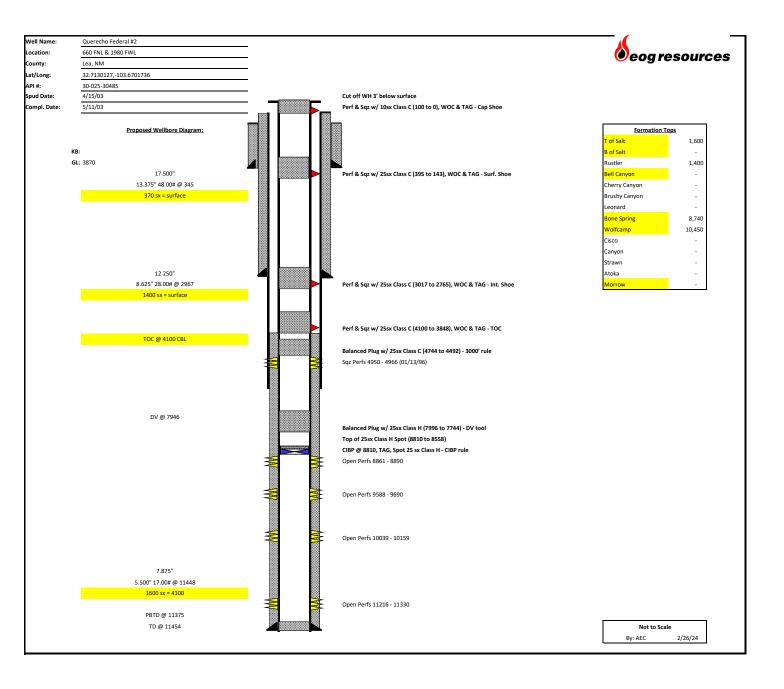
BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form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

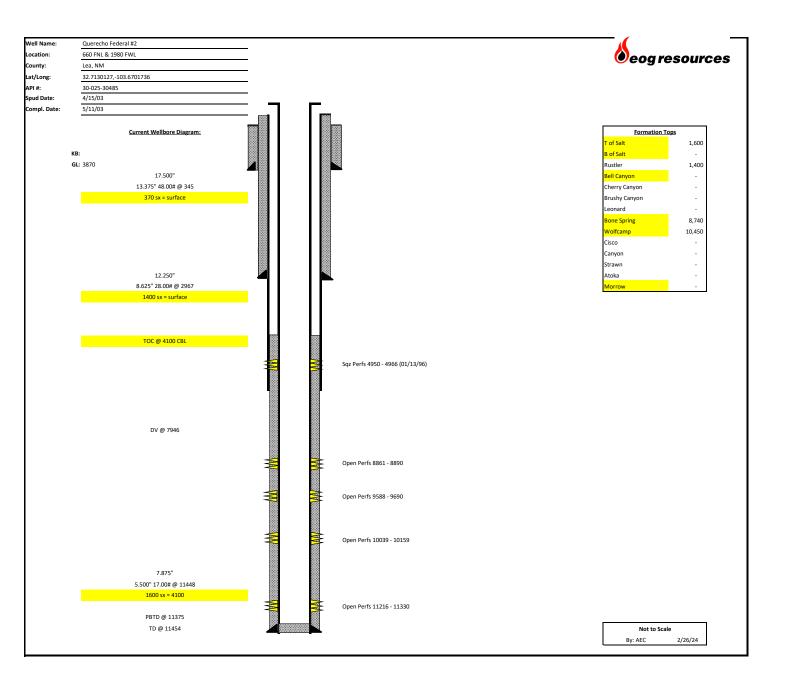
(Form 3160-5, page 2)

Additional Information

Location of Well

 $0. \ SHL: \ SESW \ / \ 660 \ FSL \ / \ 1980 \ FWL \ / \ TWSP: \ 18S \ / \ RANGE: \ 33E \ / \ SECTION: \ 28 \ / \ LAT: \ 32.7130462 \ / \ LONG: \ -103.670185 \ (\ TVD: \ 0 \ feet, \ MD: \ 0 \ feet \)$ $BHL: \ SESW \ / \ 660 \ FSL \ / \ 1980 \ FWL \ / \ TWSP: \ 18S \ / \ SECTION: \ / \ LAT: \ 0.0 \ / \ LONG: \ 0.0 \ (\ TVD: \ 0 \ feet, \ MD: \ 0 \ feet \)$







Querecho Federal #2 – P&A Procedure

N-28-18S-33E

API # 30-025-30485

- 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 8810 TAG and pressure test for 30 minutes.
- 5. Circulate plugging mud
- 6. Top CIBP w/ 25 sx Class H on CIBP
- 7. Pick up, set balanced plug w/ 25 sx Class H from 7996 to 7744 to cover DV tool -50'
- 8. Pick up, set balanced plug w/ 25 sx Class C from 4744 to 4492 for 3000' spacing rule
- 9. Pick up, perf @ 4100 and squeeze and balance w/ 25 sx Class C as part of TOC from CBL. 4100 to 3848. WOC and TAG.
- 10. Pick up, perf @ 3017 and squeeze and balance w/ 25 sx Class C for -50' Intermediate Shoe. 3017 to 2765. WOC & TAG.
- 11. Pick up, perf @ 395 and squeeze and balance w/ 25 sx Class C for -50' below surface shoe. 395 to 143.
- 12. Pick up, perf @ 100 and squeeze and balance w/ 10 sx Class C for surface cement cap. 100 to 0.
- 13. Cut off WH 3' below surface, verify cement to surface, and weld on below ground P&A marker.
- 14. Cut off anchors 3' below surface and clean location.

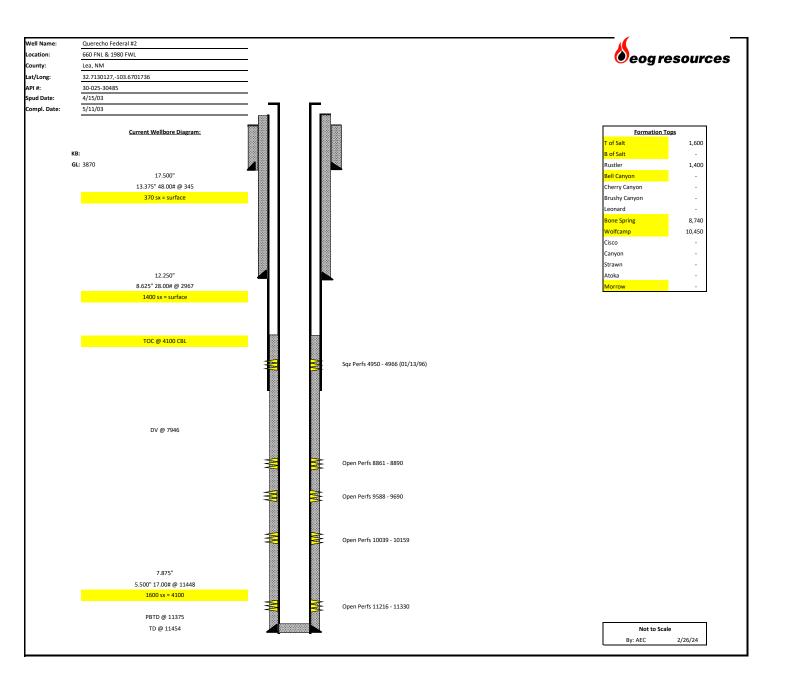


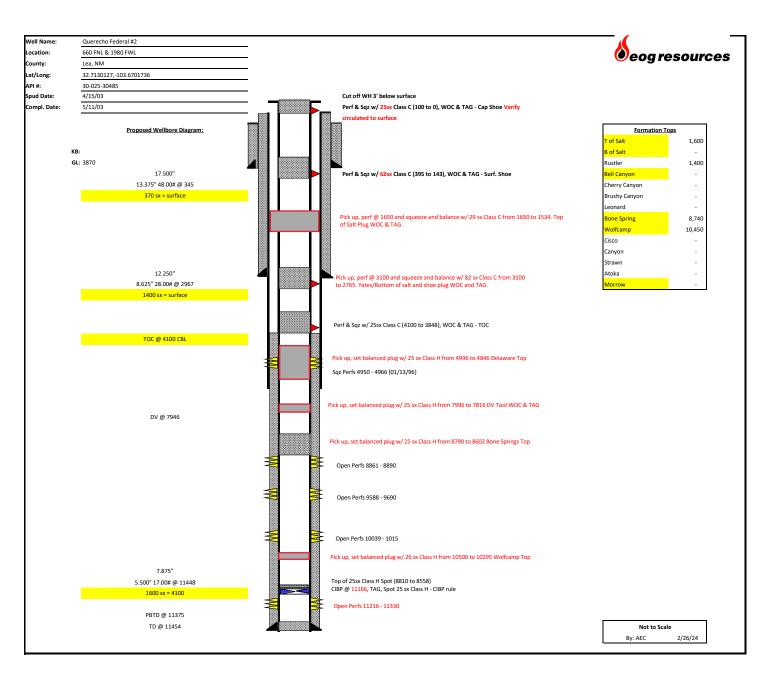
Querecho Federal #2 – P&A Procedure

N-28-18S-33E

API # 30-025-30485

- 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 11166 TAG and pressure test for 30 minutes.
- 5. Circulate plugging mud
- 6. Top CIBP w/ 25 sx Class H on CIBP
- 7. Pick up, set balanced plug w/ 26 sx Class H from 10500 to 10295 Wolfcamp Top
- 8. Pick up, set balanced plug w/ 25 sx Class H from 8790 to 8602 Bone Springs Top
- 9. Pick up, set balanced plug w/ 25 sx Class H from 7996 to 7816 DV Tool WOC & TAG
- 10. Pick up, set balanced plug w/ 25 sx Class H from 4996 to 4846 Delaware Top
- 11. Pick up, perf @ 4100 and squeeze and balance w/ 25 sx Class C as part of TOC from CBL. 4100 to 3848. WOC and TAG.
- 12. Pick up, perf @ 3100 and squeeze and balance w/ 82 sx Class C from 3100 to 2765. Yates/Bottom of salt and shoe plug WOC and TAG.
- 13. Pick up, perf @ 1650 and squeeze and balance w/ 29 sx Class C from 1650 to 1534. Top of Salt Plug WOC & TAG.
- 14. Pick up, perf @ 395 and squeeze and balance w/ 62 sx Class C for surface shoe from 395 to 143.
- 15. Pick up, perf @ 100 and squeeze and balance w/ 25 sx Class C for surface cement cap. 100 to 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	2776741						
Plug Type	Тор	Bottom	Length	Tag	Sacks	Cement Class	Notes
Surface Plug	0.00	100.00	100.00	Verify Circulated to surface	25 sxs	Class C	Perf and Squeeze
13.375 inch- Shoe Plug	143.00	395.00	252.00	WOC and Tag	62 sxs	Class C	Perf and Squeeze
Top of Salt @ 1600	1534.00	1650.00	116.00	WOC and Tag	29 sxs	Class C	Perf and Squeeze
8.625 inch- Shoe Plug	2765.00	3100.00	335.00	WOC and Tag	82 sxs	Class C	Perf and Squeeze
Yates @ 3050	2765.00	3100.00	335.00	WOC and Tag	62 SXS Class C Peri and Squ		Fen and Squeeze
		TOC (2 4100				
Delaware @ 4946	4846.54	4996.00	149.46		25 sxs	Class C	Blanaced Plug
DV tool plug	7816.54	7996.00	179.46	WOC and Tag	25 sxs	Class H	Blanaced Plug
Bonesprings @ 8740	8602.60	8790.00	187.40		25 sxs	Class H	Blanaced Plug
Wolfcamp @ 10450	10295.50	10500.00	204.50		26 sxs	Class H	Blanaced Plug
CIBP Plug	11131.00	11166.00	35.00	WOC and Tag	25 sxs	Class H	500 psi leak test 30 mins

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 @ 8.625 inch- Shoe Plug @ 5.5 inch- Shoe Plug @	345.00 2967.00 11448.00	TOC @	4100.00
Perforations Top @ Perforations Top @ Perforations Top @	11216.00 10039.00 9588.00	Perforations Perforations Perforations	11330.00 10159.00 9690.00
DV Tool @	7946.00	CIBP @	11166.00

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 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 575-689-5981.
- 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 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. 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 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

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 325029

COMMENTS

Operator:	OGRID:
EOG RESOURCES INC	7377
5509 Champions Drive	Action Number:
Midland, TX 79706	325029
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created B	Comment	Comment Date
plmartin	DATA ENTRY PM.	3/28/2024

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

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 325029

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
5509 Champions Drive	Action Number:
Midland, TX 79706	325029
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created E	y Condition	Condition Date
gcorde	Set CIBP @ 8800' - Open BS perforations. Run CBL 8800' - 500' Above TOC. CBL must be submitted to OCD via OCD Permitting	3/27/2024