

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

Sundry Print Report 16 02/13/2024

Well Name: JACKALOPE 24 FEDERAL Well Location: T22S / R32E / SEC 24 /

SENW /

County or Parish/State: LEA /

NM

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

Lease Number: NMNM87268 Unit or CA Name: Unit or CA Number:

US Well Number: 3002535478 **Well Status:** Oil Well Shut In **Operator:** EOG RESOURCES

INCORPORATED

Accepted for Record Only

SUBJECT TO LIKE APPROVAL BY BLM NMOCD 2/15/24



Notice of Intent

Sundry ID: 2767764

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 01/02/2024 Time Sundry Submitted: 12:43

Date proposed operation will begin: 01/20/2024

Procedure Description: EOG PROPOSES TO PLUG AND ABANDON THIS WELL USING THE ATTACHED PROCEDURE, CURENT AND PROPOSED WELLBORE DIAGRAMS ALSO ATTACHED.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Jackalope_24_Fed__2_CurrentWBD_20240102124307.pdf

 ${\sf Jackalope_24_Fed__2_ProposedP_AWBD_20240102124227.pdf}$

Jackalope_24_Fed__2_Proposed_P_A_Prog_20240102124157.pdf

well Name: JACKALOPE 24 FEDERAL Well Location: T22S / R32E / SEC 24 / County or Parish/State: LEA/ 2 of

SENW /

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

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Operator: EOG RESOURCES **US Well Number: 3002535478** Well Status: Oil Well Shut In

INCORPORATED

Conditions of Approval

Specialist Review

2767764 Jackalope 24 Federal 02 Procedure and COA 20240213142156.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: JAN 02, 2024 12:43 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

Signature: Keith Immatty

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: 02/13/2024

Form 3160-5 (June 2019)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVE	O
OMB No. 1004-013	7
Expires: October 31, 2	02

BUR	EAU OF LAND MANAGEMENT	Γ	5. Lease Serial No.	
Do not use this t	IOTICES AND REPORTS ON \ form for proposals to drill or t Use Form 3160-3 (APD) for su	to re-enter an	6. If Indian, Allottee o	or Tribe Name
SUBMIT IN	TRIPLICATE - Other instructions on pa	ge 2	7. If Unit of CA/Agre	ement, Name and/or No.
1. Type of Well	<u> </u>			
Oil Well Gas W	Vell Other		8. Well Name and No.	
2. Name of Operator			9. API Well No.	
3a. Address	3b. Phone No	o. (include area code)	10. Field and Pool or	Exploratory Area
4. Location of Well (Footage, Sec., T., K	,M., or Survey Description)		11. Country or Parish,	State
12. CHE	CK THE APPROPRIATE BOX(ES) TO IN	NDICATE NATURE O	F NOTICE, REPORT OR OTI	HER DATA
TYPE OF SUBMISSION		TYPE	OF ACTION	
Notice of Intent	Acidize Dee	epen	Production (Start/Resume)	Water Shut-Off
_		draulic Fracturing	Reclamation	Well Integrity
Subsequent Report		v Construction	Recomplete	Other
Final Abandonment Notice		g and Abandon L g Back	Temporarily Abandon Water Disposal	
is ready for final inspection.)				
14. I hereby certify that the foregoing is	true and correct. Name (Printed/Typed)			
		Title		
Signature		Date		
	THE SPACE FOR FED	DERAL OR STAT	TE OFICE USE	
Approved by				
		Title]	Date
	hed. Approval of this notice does not warra equitable title to those rights in the subject liduct operations thereon.	nt or	,	
Title 18 U.S.C Section 1001 and Title 4	3 U.S.C Section 1212, make it a crime for a	any person knowingly	and willfully to make to any de	epartment or agency of the United States

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 State 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.

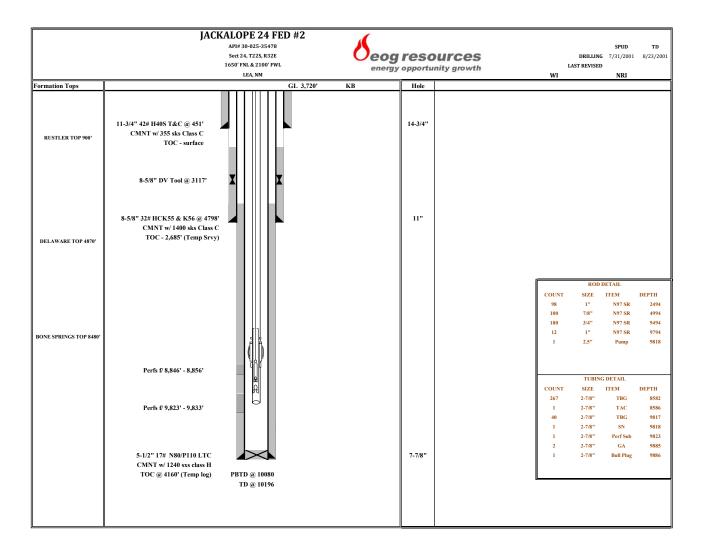
BURDEN HOURS STATEMENT: Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form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

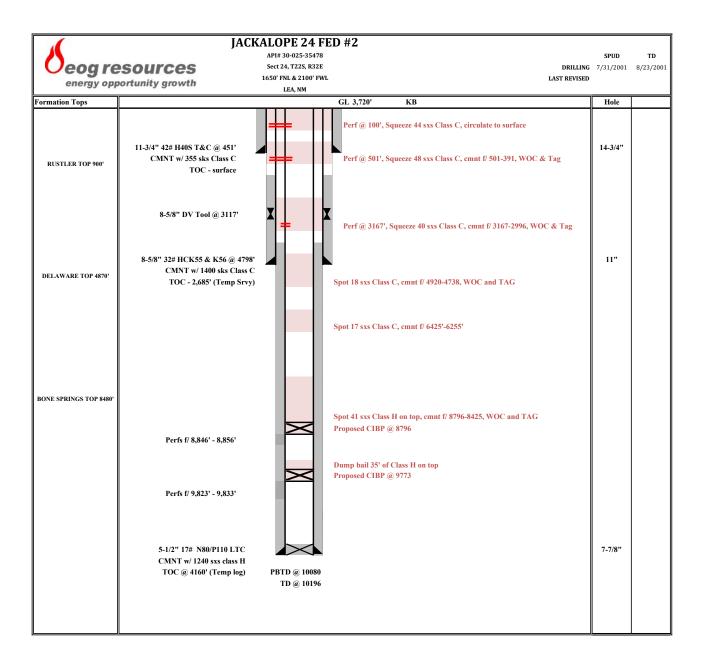
(Form 3160-5, page 2)

Additional Information

Location of Well

 $0. \ SHL: \ SENW \ / \ 1650 \ FNL \ / \ 2100 \ FWL \ / \ TWSP: \ 22S \ / \ RANGE: \ 32E \ / \ SECTION: \ 24 \ / \ LAT: \ 0.0 \ / \ LONG: \ 0.0 \ (\ TVD: \ 0 \ feet, \ MD: \ 0 \ feet \)$ BHL: $\ SENW \ / \ 1650 \ FNL \ / \ 2100 \ FWL \ / \ TWSP: \ 22S \ / \ SECTION: \ / \ LAT: \ 0.0 \ / \ LONG: \ 0.0 \ (\ TVD: \ 0 \ feet, \ MD: \ 0 \ feet \)$





Jackalope 24 Fed #2 Proposed P&A

API#: 30-025-35478 Sec 24, T22S, R32E

TD: 10,196' **PBTD:** 10,080' **GL:** 3720'

Surface Casing: 11-3/4" 42# H40 STC CSG at 451'. Cmntd w/ 355 sxs class C. Circulated

Intermediate Casing: 8-5/8" 32# HCK55 & K56 LTC at 4798'. Cmntd w/1400 sxs class C. TOC @ 2685' (Temp

Survey)

Production Casing: 5.5" 17# N80/P110 LTC set @ 10175'. Cmntd w/ 1240 sxs class H. TOC @ 4160' (Temp

Survey)

Producing Intervals: Bone Spring perfs f/ 9,724'-9,734' & 8,846'-8,856'

Procedure

- 1. Notify Regulatory Agency 24 hours prior to commencing work.
- 2. MIRU Workover rig and any necessary safety equipment.
- 3. RU WL to make GR/JB run to 9,780'. POH then RIH w/ CIBP dressed for 5.5" P110 CSG and set CIBP at 9,773' (within 50' of top Perf)
- 4. Dump Bail 35' Class H cmnt on top of CIBP.
- 5. RIH w/ CIBP dressed for 5.5" P110 CSG and set CIBP at 8,796' (within 50' of top Perf)
- 6. Spot 41 sxs Class H on top of CIBP f/ 8796-8425' to cover top of Bone spring.
- 7. RIH and Tag Plug, circulate plugging mud to surface
- 8. Move up hole to 6425'; perform balanced plug w/ 17 sxs class C cmnt f/ 6245-6255'.
- 9. Move up hole to 4920'; perform balanced plug w/ 18 sxs Class C cmnt f/ 4920-4738' to cover top of the Delaware and intermediate shoe. WOC & TAG
- 10. Move up hole to 3167', perf @ 3167 and sqz 40 sxs class C cement plug f/ 3167-2996' to cover the Intermediate DV tool. WOC and TAG
- 11. Pick up, perf @ 501' and sqz 48 sxs class C cement plug f/ 501-391' to cover the surface shoe. WOC & TAG.
- 12. Pick up, perf @ 100' and sqz 44 sxs class C cement plug to surface.
- 13. Cut off WH 3' below surface; verify cement to surface & weld on P&A marker.
- 14. Cut off anchors 3' below surface and clean location.

Jackalope 24 Fed #2 Proposed P&A

API#: 30-025-35478 Sec 24, T22S, R32E

TD: 10,196' **PBTD:** 10,080' **GL:** 3720'

Surface Casing: 11-3/4" 42# H40 STC CSG at 451'. Cmntd w/ 355 sxs class C. Circulated

Intermediate Casing: 8-5/8" 32# HCK55 & K56 LTC at 4798'. Cmntd w/1400 sxs class C. TOC @ 2685' (Temp

Survey)

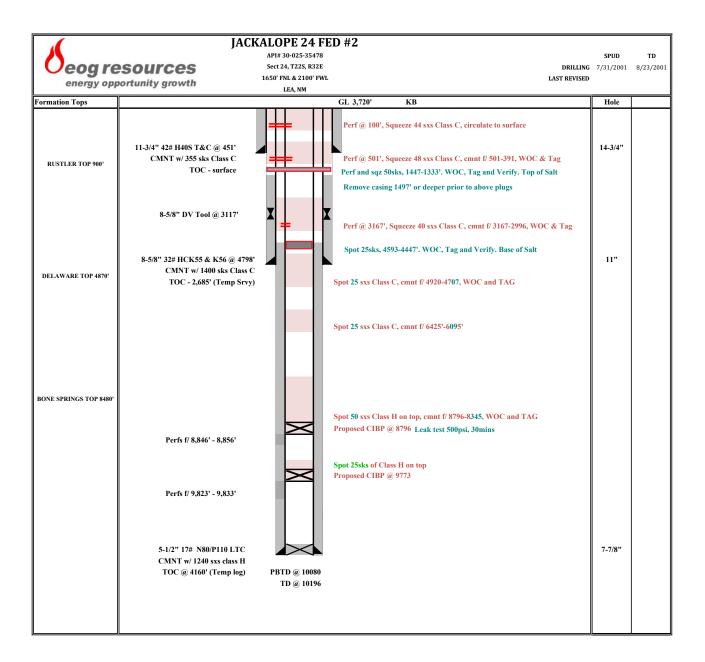
Production Casing: 5.5" 17# N80/P110 LTC set @ 10175'. Cmntd w/ 1240 sxs class H. TOC @ 4160' (Temp

Survey)

Producing Intervals: Bone Spring perfs f/ 9,724'-9,734' & 8,846'-8,856'

Procedure

- 1. Notify Regulatory Agency 24 hours prior to commencing work.
- 2. MIRU Workover rig and any necessary safety equipment.
- 3. RU WL to make GR/JB run to 9,780'. POH then RIH w/ CIBP dressed for 5.5" P110 CSG and set CIBP at 9,773' (within 50' of top Perf)
- 4. Spot 25sks Class H cmnt on top of CIBP.
- 5. RIH w/ CIBP dressed for 5.5" P110 CSG and set CIBP at 8,796' (within 50' of top Perf.) Leak test 500psi, 30mins
- 6. Spot 50 sxs Class H on top of CIBP f/ 8796-8345' to cover top of Bone spring.
- 7. RIH and Tag Plug, circulate plugging mud to surface
- 8. Move up hole to 6425'; perform balanced plug w/ 25 sxs class C cmnt f/ 6245-6095'.
- 9. Move up hole to 4920'; perform balanced plug w/ 25 sxs Class C cmnt f/ 4920-4707' to cover top of the Delaware and intermediate shoe. WOC & TAG
- 10. Spot 25sks 4593'-4447'. WOC and Tag. Base of salt
- 11. Move up hole to 3167', perf @ 3167 and sqz 40 sxs class C cement plug f/ 3167-2996' to cover the Intermediate DV tool. WOC and TAG
- 12. Remove 5.5" production casing at 1497' or deeper and perf and sqz below plugs against 8-5/8" casing(8-5/8" TOC 2685')
- 13. Perf and sqz 50sks Class C: 1447' to 1333' for top of salt. WOC and Tag
- 14. Pick up, perf @ 501' and sqz 48 sxs class C cement plug f/ 501-391' to cover the surface shoe. WOC & TAG.
- 15. Pick up, perf @ 100' and sqz 44 sxs class C cement plug to surface.
- 16. Cut off WH 3' below surface; verify cement to surface & weld on P&A marker.
- 17. Cut off anchors 3' below surface and clean location.



Sundry ID 2767764

Sundry 1D 2/6//64						
Plug Type	Тор	Bottom	Length	Tag	Sacks	Notes
				Verify		
				circulated		
Surface Plug	0.00	100.00	100.00	to surface	~50	Perf and sqz
				WOC and		
Shoe Plug	396.49	501.00	104.51			Perf and sqz
				WOC and		
Top of Salt @ 1397	1333.03	1447.00	113.97	Tag	50.00	Perf and sqz
2685' TOC for 8-	5/8". Remo	ve casing	1497' or deep	er prior to	above p	lugs
				WOC and		
DV tool plug	3035.83	3167.00	131.17	Tag	40.00	Perf and sqz
	4300' TO	C. Perf and	d sqz above p	lugs		
				WOC and		
Base of Salt @ 4543	4447.57	4593.00	145.43	Tag	25.00	
				WOC and		
Shoe Plug	4707.94	4856.00	148.06		25.00	
				WOC and		
Delaware @ 4870	4771.30	4920.00	148.70	Tag	25.00	
Spacer	6095.00	6245.00	150.00		25.00	
				WOC and		
Bonesprings @ 8480	8345.20	8530.00	184.80			Same as below plug
				WOC and		Leak test 500psi,
CIBP Plug	8761.00	8796.00	35.00			30mins
				WOC and		
CIBP Plug	9738.00	9773.00	35.00	Tag	25.00	

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 Cave Karst: Cave Karst depth to surface

R111P: Solid plug in all annuli - 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		500.	00
Shoe @	451.00			
Shoe @	4806.00			
Shoe @	10175.00			
Perforatons Top @ Perforatons Top @	9823.00 8846.00	Perforations Perforations	9833.00 8856.00	
DV Tool @	3117.00	CIBP @ CIBP @	9773.00 8796.00	

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 314022

COMMENTS

Operator:	OGRID:
EOG RESOURCES INC	7377
5509 Champions Drive	Action Number:
Midland, TX 79706	314022
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM.	2/15/2024

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 314022

CONDITIONS

Operator:	OGRID:
EOG RESOURCES INC	7377
5509 Champions Drive	Action Number:
Midland, TX 79706	314022
	Action Type:
	[C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Cre By	eated	Condition	Condition Date
kf	ortner	Like approval from BLM	2/15/2024