

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Hobbs

FORM APPROVED
OMB NO. 1004-0137
Expires: January 31, 2018**SUNDRY NOTICES AND REPORTS ON WELLS**
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.*5. Lease Serial No.
NMNM16139

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2**RECEIVED**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

EOG RESOURCES INCORPORATED

Contact: KAY MADDOX

E-Mail: KAY_MADDOX@EOGRESOURCES.COM

3a. Address

MIDLAND, TX 79702

3b. Phone No. (include area code)

Ph: 432-686-3658

8. Well Name and No.
MADERA 29 FED 01

9. API Well No.

30-025-27997-00-S1

10. Field and Pool or Exploratory Area
PITCHFORK RANCH

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Sec 29 T24S R34E NWSE 1980FSL 1650FEL

11. County or Parish, State

LEA COUNTY, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

TYPE OF ACTION

☒ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Hydraulic Fracturing☐ New Construction☒ Plug and Abandon☐ Plug Back☐ Production (Start☐ Reclamation☐ Recomplete☐ Temporarily Aba☐ Water DisposalINT TO PA pm
P&A NR _____
P&A R _____

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleate horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleation in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.

EOG RESOURCES PROPOSES TO PLUG AND ABANDON THIS WELL USING THE ATTACHED PROCEDURE. PROPOSED WELLBORE SCHEMATIC ALSO ATTACHED.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL*Below ground level dry hole marker required*

14. I hereby certify that the foregoing is true and correct.

Electronic Submission #423160 verified by the BLM Well Information System
For EOG RESOURCES INCORPORATED, sent to the Hobbs
Committed to AFMSS for processing by PRISCILLA PEREZ on 06/08/2018 (18PP1184SE)

Name (Printed/Typed) KAY MADDOX

Title REGULATORY ANALYST

Signature (Electronic Submission)

Date 06/07/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

James R. Davis

Title

Supv. PET

6-25-18

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Carlsbad

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)

** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED ** BLM REVISED **

FOR RECORD ONLY
NMDCD 06/27/2018



Madera 29 Fed #1

API# 30-025-27997

Sect 29, T24S, R34E; Unit J

1,980' FSL & 1,650' FEL

LEA, NM

1. Set a 4-1/2" CIBP @ 14,845' & dump 25 sk on top of CIBP to cover the existing Morrow *Class H* perforations.
2. Circulate well with 9 ppg mud & pressure test casing to 500 psig.
3. Spot a 50 sk Class H plug from 13,260' to 12,915' to cover the 7" shoe x 4.5" Liner Top; WOC 8 hrs and tag.
4. Spot a 40 sk Clas H plug at ~~11,200'~~ ^{12250 - 12030} to cover the Wolfcamp top; WOC 8 hrs. & tag.
5. Spot 40 sk Class H plug @ ~~10,750'~~ ^{9300 - 9024} to cover the Top of the Bone Spring Interval; WOC 8 hrs. & tag.
6. Perf @ 7,200' MD and attempt to squeeze w/ 40 sks for a spacer plug; WOC & Tag. *7200 - 7030*
7. Perf & squeeze a 40 sk Class C plug @ ~~5,200'~~ ⁵³⁶⁸ to cover the Delaware & Canyon Sands; WOC 4 hrs. & tag @ 5,100'. *Add plugs. Perf @ 3885, SQZ cement to 3745. WOC Tag (B/s)*
8. Perf and Squeeze 50sx Class C @ 1,100' to cover the inside and outside of the 7" casing to the top of the salt; WOC 4 hrs. & tag. *Perf @ 2100 SQZ cement to 1980 WOC Tag (B/salt)*
9. Perf and Squeeze 7" casing at 650' and squeeze Class C cement to surface.
10. Cut off WH 3 feet below surface; verify that there is cement to surface
11. Weld on P&A marker. Cut off anchors three feet below surface. Clean location.

1111 6137

Madera 29 Fed #1

API# 30-025-27997
 Sect 29, T24S, R34E, Unit 1
 1,900' FSL & 1,650' FEL
 LEA, NM



SPUD 1/21/1993
 COMP 4/17/1993

| | | | | Hole | |
|---------|-------|---------------------------------------------------------------------------|-----------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------|
| | | | Perf & Squeeze at 0.50' to surface Rustler to Surface | | |
| T/saff | 2045 | 13-3/8" H-40 48# STC to 600' Circ. | Squeeze 50 sk Class C at 2,050' Cover Top of the Salt | 17-1/2" | Circulated cement to surface on the 13-3/8" casing 325 sks of Pacemaker Life & 250 sks of Class C |
| B/saff | 3835 | 9-5/8" K-55 360/408 to 5,200' Circ | Squeeze 40 sk Class C plug at 5,200' Delaware & Cherry Sands | 12-1/4" | Circulated cement to surface on the 9-5/8" casing 2,900 sks of Pacemaker Life & 475 sks of Class C |
| Del | 5318 | | Squeeze 40 sk Class H plug at 7,200' Spacer Plug | | |
| Cherry | 6305 | | 40 sk Class H plug at 10,750' Bone Spring Top | | |
| Leonard | 9074 | | 40 sk Class H plug at 11,200' Wolfcamp Top | | |
| BS | 9244 | | 50 sk Class H plug from 12,915' - 13,260' 4.5" Liner Top & 7" Shoe | | |
| WC | 12200 | | | | |
| ST | 13546 | 7" 260 P-110 S-95 to 13,210' TOC? | | 8-3/4" | unknown TOC on the 7" casing 600 sks of Pacemaker Life & 325 sks Class H |
| AT | 13676 | | CHP @ 14,345' | | |
| MR | 14634 | | 14,894' - 14,944' ✓ 4/12/1990 | | |
| | | | 15,154' - 15,178' 12 holes ✓ | | |
| | | 4-1/2" 13.50 N-80 LTC Liner to 15,290' TOI @ 12,968' PRTD @ 15,075' | | 6-1/8" | 475 sks of Class H |

**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 ninety (90) days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of brine water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

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

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

6. 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 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.

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. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

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

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