Form 3160-5
(June 2015)

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.

HOBBS OCD
SEP 11 2017
RECEIVED

SUBMIT IN TRIPLICATE - Other instructions on page 2

5. Lease Serial No.
NMNM14497A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

1. Type of Well
Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.
DIAMOND 6 FEDERAL 001

2. Name of Operator
EOG RESOURCES INC
Contact: KAY MADDOX
E-Mail: Kay_Maddox@EOGRESOURCES.com

9. API Well No.
30-025-27928

3a. Address
PO BOX 2267
MIDLAND, TX 79702

3b. Phone No. (include area code)
Ph: 432-686-3658

10. Field and Pool or Exploratory Area
PITCHFORK RANCH; MORROW (

4. Location of Well *(Footage, Sec., T., R., M., or Survey Description)*
Sec 6 T25S R34E 1650FNL 1980FEL

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	☐ Acidize	☐ Deepen	☐ Production (Start/F
☐ Subsequent Report	☐ Alter Casing	☐ Hydraulic Fracturing	☐ Reclamation
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete
	☐ Change Plans	☒ Plug and Abandon	☐ Temporarily Aban
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal

INT TO PA PM X
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 recomplete 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 recompletion 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 Y Resources requests permission to plug this well using the attached procedure. The wellbore schematic is attached.

APPROVED

SUBJECT TO LIKE APPROVAL BY STATE

SEE ATTACHED FOR CONDITIONS OF APPROVAL

WITNESS

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

Electronic Submission #377658 verified by the BLM Well Information System
For EOG RESOURCES INC, sent to the Hobbs
Committed to AFMSS for processing by DEBORAH MCKINNEY on 06/02/2017 ()

Name *(Printed/Typed)* KAY MADDOX — Title REGULATORY ANALYST

Signature (Electronic Submission) — Date 06/01/2017

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By PR Swartz 08/28/2017 — Title TPET — 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 BUREAU OF LAND MANAGEMENT CARLSBAD FIELD OFFICE

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)

** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED **

FOR RECORD ONLY
MW/OCD 09/12/2017

eog resources

Diamond 6 Federal #001

Diamond 6 FD 01

API# ~~30-252-7928000~~ 30-025-27928

Sect 6, T25S, R34E 6-06-25S-34E

1650' FNL & 1980' FEL

LEA, NM

Pitchfork Ranch; Morrow (GAS)

3441' GL

NMNM 14497

1. Set a 4-1/2" CIBP @ 14,797'. Tag.
2. Circulate well with 9 ppg mud
3. Spot 55sx Class H cement on CIBP @ 13,450'. WOC and Tag
4. Spot 40sx Class H plug @ 9,350'
5. Spot 40sx Class H plug @ 7,225'
6. Spot 85sx Class H plug @ 5,250'
7. Perf and Squeeze 50sx Class C @1,100'
8. Perf and Squeeze 115sx Class C @ 650'
9. Cut off WH three feet below surface.
10. Circulate cement from 100' to surface. Ensure cement is to surface across all annuluses.
11. Weld on P&A marker. Cut off anchors three feet below surface. Clean location.

SEE ATTACHED FOR CONDITIONS OF APPROVAL

Conditions of Approval

EOG Resources Inc.
Diamond-01, API 3002527928
T25S-R34E, Sec 06, 1650FNL & 1980FEL
August 28, 2017

1. **Within 90 days of these conditions of approval for the processed Electronic Submission #377658 notice of intent begin wellbore operations or request an extension.**
2. **Operator is required to have the BLM approved NOI procedure with applicable conditions of approval on location during this workover operation.**
3. Subject to like approval by the New Mexico Oil Conservation Division.
4. Notify 575-393-3612 Lea Co as work begins. Plugging procedures are to be witnessed. If there is no response leave a voice mail with the API#, workover purpose, and a call back phone number.
5. Surface disturbance beyond the existing pad must have prior approval.
6. A closed loop system is required. The operator shall properly dispose of drilling/circulating contents at an authorized disposal site. Tanks are required for all operations, no excavated pits.
7. Functional H_2S monitoring equipment shall be on location.
8. 5000 (5M) Blow Out Prevention Equipment to be used. All BOPE and workover procedures shall establish fail safe well control. Ram(s) for the work string(s) used is required equipment. Manual BOP closure system including a blind ram and pipe ram(s) designed to close on all (hand wheels) equipment shall be installed regardless of BOP design. Function test the installed BOPE to 500psig when well conditions allow. Related equipment, (choke manifolds, kill trucks, gas vent or flare lines, etc.) shall be employed when needed for reasonable well control requirements.
9. All waste (i.e. trash, salts, chemicals, sewage, gray water, etc.) created as a result of work over operations shall be safely contained and disposed of properly at a waste disposal facility. No waste material or fluid shall be disposed of on the well location or surrounding area. Porto-johns and trash containers will be on-location during any other crew-intensive operations.
10. The BLM PET witness is to run tbg tally and agree to cement volumes and placement. Sample each plug for cement curing time and tag and/or pressure test as requested by BLM PET witness.
11. **Cementing procedure is subject to the next three numbered paragraphs.**
12. Mix cement plugs to cover a minimum of 100ft plus 10ft for every 1,000ft to the bottom of the plug, rounding the number of necessary sacks up to the nearest 5 sacks. Never use less than 25sx. Examples: A cement plug set at 8000 in 7" casing would require a min of 35sx. A 25sx plug in 5 ½" casing should cover 250ft, which may exceed 100ft plus 10ft per 1000ft.
13. Class H > 7500ft & C < 7500ft) neat cement plugs(s) will be necessary. For any plug that requires a tag or pressure test a minimum WOC time of 4 hours(C) & 8 hours(H) is recommended. Isolation plugs of Class "C" neat cement to be mixed 14.8#/gal, 1.32 ft^3/sx, 6.3gal/sx water and Class "H" neat cement to be mixed 16.4#/gal, 1.06ft^3/sx, 4.3gal/sx water.

14. Minimum requirement for mud placed between plugs is 25 sacks of saltwater gel per 100 barrels in 9 lb/gal brine.
15. **Prior to rig up provide CBL evidence of cement tops behind the 4 ½" and 7" or submit a CBL taken at 0psig after a CIBP is set within 100' of the top perf 14897'. Plugging operations may be modified ensuring plugs cover the drilled wellbore I.D.**
16. **Pressure test the casing to 500psig after a CIBP is set within 100' of the top perf 14897'.**
17. **Set a balanced plug on the CIBP set within 100' of the top perf 14897'. WOC, and tag the plug with tbg at 14350'covering the Morrow formation top.**
18. **Set a balanced cmt plug across the 7" shoe from 13600' or below. WOC, and tag the plug with tbg at 12950' or above.**
19. **Set a balanced cmt plug across the Wolfcamp formation top from 12500' or below. WOC, and tag the plug with tbg at 12260' or above.**
20. **Set a balanced cmt plug across the Bone Spring formation top from 9350' or below. WOC, and tag the plug with tbg at 9100' or above.**
21. **Set a balanced cmt plug 3000' or less above the Bone Spring formation plug tag. Set the plug from about 6100'. WOC, and tag the plug with tbg at 5900' or above.**
22. **Perf the 7" csg at 5300' or below, establish an injection rate, and squeeze cmt through a packer leaving the plug top in the 7" csg and 7" x 9 5/8" annulus at 5100' or above. Close the tubing valve and hold 9 lb/gal displacement fluid in place until the plug sets up. Cover the Delaware formation top, the 9 5/8" shoe, and the base of salt. Tag the plug with tbg at 5100 or above.**
23. **Perf the 7" csg at 1450' or below, establish an injection rate, and squeeze cmt through a packer leaving the plug top in the 7" csg and 7" x 9 5/8" annulus at 1350' or above. Close the tubing valve and hold 9 lb/gal displacement fluid in place until the plug sets up. Cover the top of salt. Tag the plug with tbg at 1350' or above.**
24. **Perf at 60' or below. Establish circulation through the 7" x 9 5/8" annulus and the 9 5/8" x 13 3/8" annulus. Circulate cement from surface filling the 7", the 7" x 9 5/8" annulus and the 9 5/8" x 13 3/8" annulus from 60' to surface.**
25. File **subsequent sundry** Form 3160-**5** within 30 days of workover procedures. Include (dated daily) descriptions of the well work, i.e. procedure descriptions and setting depths of each plug in the subsequent sundry.

Reclamation Objectives and Procedures

In Reply Refer To: 1310

Reclamation Objective: 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 pre-disturbance 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, re-distribute the native soils, provide erosion control as needed, rip and seed as needed. This will apply to well pads, facilities, and access roads. Barricade all access road(s) at the starting point. If reserve pits have not been adequately reclaimed due to salts or other contaminants, propose a plan for BLM approval to provide restoration of the pit area.

1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations should have included 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 locations and/or access roads not having an approved plan, or an inadequate plan for surface reclamation the operator must submit a proposal describing the procedures for reclamation. The appropriate time for submittal would be when filing the Notice of Intent, or with the Subsequent Sundry Report of Abandonment on Form 3160-5. The final reclamation goal is to be completed within 6 months of wellbore abandonment.

3. With 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 may 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.

4. Upon reclamation conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a BLM specialist to inspect the location to verify work was completed as per approved plans.

5. The BLM approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been tentatively reestablished. If the objectives have not been met BLM will be notify the operator of the required corrective actions.

6. It is the responsibility of the operator to monitor these locations and/or access roads until such time the full 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 full 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 a BLM specialist will again 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 for 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 Environmental Protection Specialist
575-234-5909, 575-361-2648 (Cell)

Trishia Bad Bear
Natural Resource Specialist
575-393-3612, 575-390-2258 (Cell)

Jesse Bassett
Natural Resource Specialist
575-234-5913, 575-499-5114 (Cell)

Paul Murphy
Natural Resource Specialist
757-234-5975, 575-885-9264 (Cell)

Henryetta Price
Environmental Protection Specialist
575-234-5951, 575-706-2780 (Cell)

Robertson, Jeffery
Natural Resource Specialist
575-234-2230, 575-706-1920 (Cell)

Vance Wolf
Natural Resource Specialist
575-234-5979

Brooke Wilson
Natural Resource Specialist
575-234-6237

Arthur Arias
Environmental Protection Specialist
575-234-6230, 575-499-3378 (Cell)

Shelly Tucker
Environmental Protection Specialist
575-234-5905, 575-361-0084 (Cell)

Operator: EOG Resources, Inc.
Surface Lease: NM14497a
Case No: NM14497a
Subsurface Concerns for Casing Designs: KFC
Well Status: NOI-abd
Spud date: 9/10/1982
Plug'd Date:
Reentry Date:

BHL: NM14497a
Lease Agreement

Well: DIAMOND 6 FEDERAL-1
API: 3002527928
@ Srfce: T25S-R34E,06.1650n1980e
@ M TD: T25S-R34E,06.1650n1980e
Estate: P\F\F
CWDW, R of W:
OCD Admn Order, date:
Frmtn, Depths, psig:

KB: 3462
GL: 3441
Corr: 21

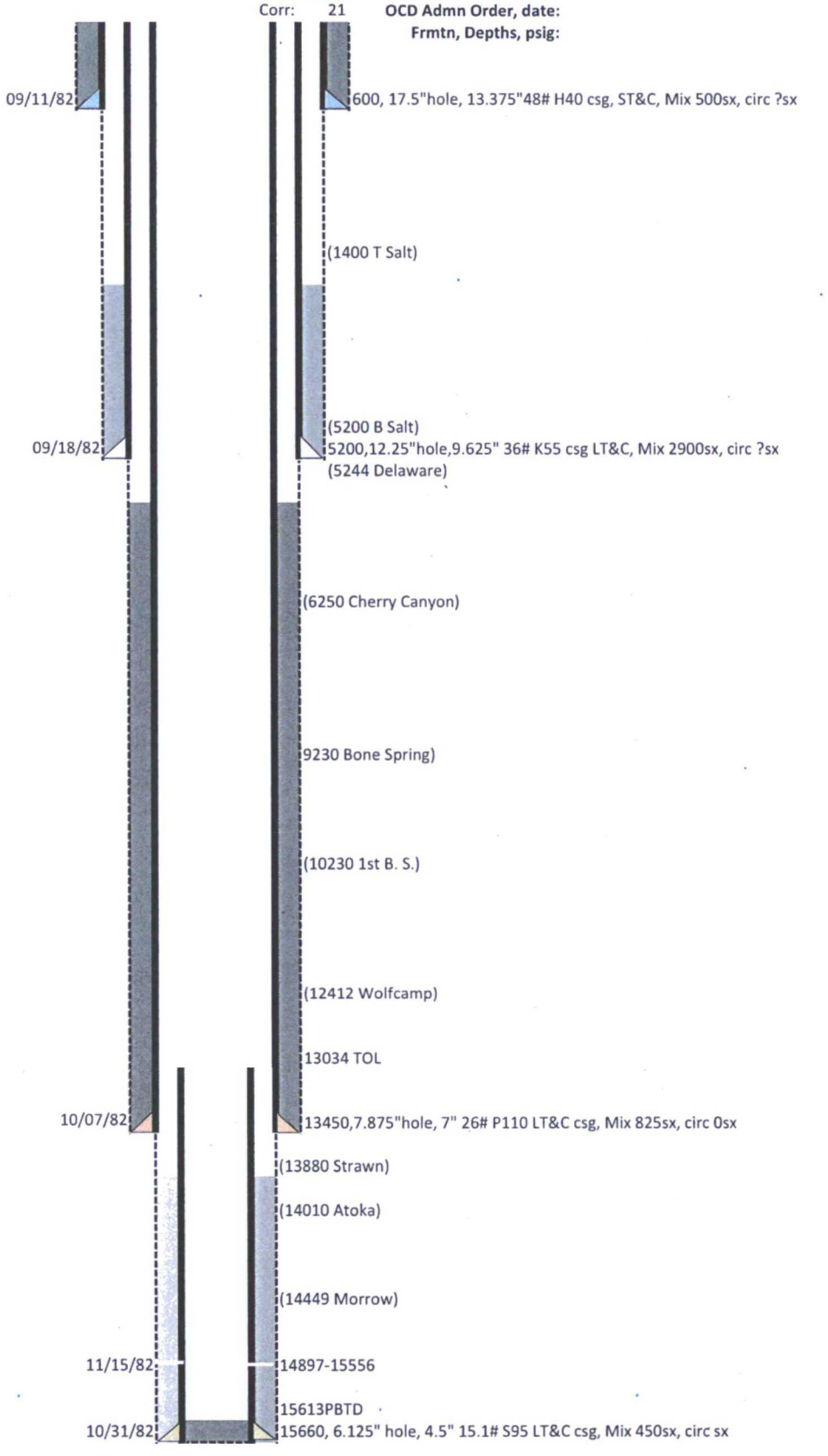

Diagram last updated: xx/xx/xxxx