

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.
NMNM26079

6. If Indian, Allottee or Tribe Name

7. BLM Field Office CA/Agreement, Name and/or No.

SUBMIT IN TRIPLICATE - Other instructions on page 2**HOBBS OCD**

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

NOV 28 2018

8. Well Name and No.

ACA DRAW 15 FEDERAL 1

2. Name of Operator

Contact: KAY MADDOX
EOG RESOURCES INCORPORATED E-Mail: KAY_MADDOX@EOGRESOURCES.COM

9. API Well No.

55-35445-00-S1

3a. Address

MIDLAND, TX 79702

3b. Phone No. (include area code)

Ph: 432-686-3658

10. Field and Pool or Exploratory Area

UNKNOWN

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

Sec 15 T25S R33E NWNW 660FNL 660FWL

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/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☐ Other

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 recompleat 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 recompleat 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 PROPOSES TO PLUG AND ABANDON THIS WELL USING THE ATTACHED PROCEDURE. THE CURRENT AND PROPOSED WELLBORE DIAGRAMS ARE 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 #439824 verified by the BLM Well Information System

For EOG RESOURCES INCORPORATED, sent to the Hobbs

Committed to AFMSS for processing by DEBORAH MCKINNEY on 10/16/2018 (19DLM0034SE)

Name (Printed/Typed) KAY MADDOX

Title REGULATORY SPECIALIST

Signature (Electronic Submission)

Date 10/16/2018

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By

James A. Quinn

Title

SAET

Date

11-14-18

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

CFO

Title 48 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
NMCD 11/28/18



Vaca Draw 15 Federal #1 – P&A

SECT 16, T25S, R33E

API # 30-025-35445

1. Set 2.875" CIBP at 13,350' and dump ~~35'~~ Class H on top of CIBP to cover the Wolfcamp perforations. *Cnt from 13350 - 12366 (25 sx min). Cover Perf/shoe & Top Wolfcamp*
2. Spot a 50 sk class H cement (400') plug from 11,065' – 10,765' to cover 2.875" tubing stub and 5.5" casing; WOC & Tag. *Cut/Pull @ ? (above 11,065)*
3. Spot 40 sx class H cement (200') plug at 9,000' to cover the Top of the Bone Spring. *9075 - 8875*
4. ~~Spot 35 sx class C cement (200') at 6,100'. Perf @ 6100, SQ2 cnt to 5940. WOC Tag.~~ *(Spacer)*
5. Perf at 4,925' and squeeze 40 sx class C cement (250') plug across the 8-5/8" shoe (top of cement plug at 4,675' and bottom of plug at 4,925'); WOC & Tag. *Perf @ 5057 (T/Del. & Shoe). SQ2 cnt to 4822.*
6. ~~Perf at 3,900' and squeeze 40 sx class C (150') from 3,750' – 3,900' to cover the Base of the Salt; WOC & Tag.~~ *1541, 1341 - 1541*
7. Perf at 1,170' & Squeeze 40 sx class C (200') from 1,080' – 1,170' to cover the Top of the Salt; WOC & Tag. *5 1/2"*
8. Perforate ~~7"~~ at 900' and squeeze cement to surface
9. Cut off WH 3' below surface
10. Weld on P&A marker. Cut off anchors 3' below surface and clean location.

Note: $5\frac{1}{2}"$ cnt w/ 525 sx cnt. Est. TOC 8890' +/-
Calculated.

Well Name: Vaca Draw 15 Federal #1
 Location: 660' FNL & 660' FWL Sec. 15-25S-33E
 County/State: Lea County, NM
 Lat/Long: 32.1360016, -103.5666275 NAD83
 API #: 30-025-35445
 Spud Date: 7/20/01
 Compl. Date: 11/15/01



proposed
 Cement Wellbore Diagram:

KB: 3,397.8'
 GL: 3,381'

17-1/2" Hole

13-3/8" 48# H-40 @ 717'
 Cmt w/ 580 sk @ surf

12-1/4" Hole

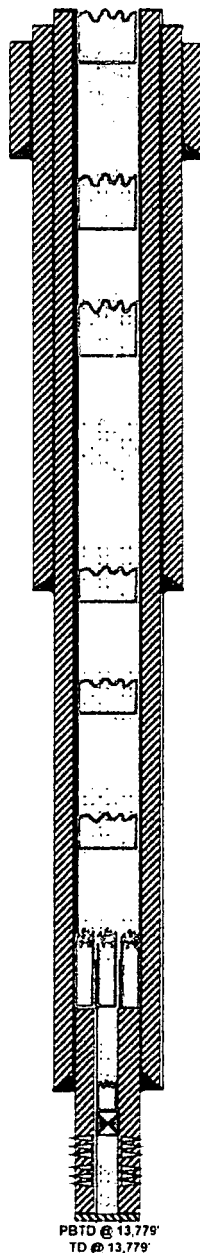
8-5/8" 32# J-55 @ 4,910'
 Cmt w/ 1,820 sk @ surf

7-7/8" Hole

5-1/2" 17# P-110 @ 12,890'
 Cmt w/ 525 sk @ surf

4-3/4" Hole

2-7/8" 6.5# P-105 @ 13,785'
 Cmt w/ 180 sk TOC @ 12,520'



Perforate 7" at 900' and 11P to surface

Formation Tops	
Delaware	5,007
Bone Spring	5,025
1st Bone Spring	10,016
2nd Bone Spring	10,494
3rd Bone Spring	11,854
Wolfcamp	12,416
Lwr Wolfcamp	13,397

Perf & Squeeze 40 sk plug at 1,150' to cover the Top of the Salt WOC & Tag

Perf & Squeeze 40 sk plug at 3,900' to cover the Base of the Salt WOC & Tag

Perf at 4,925' and squeeze 40 sk class C cement (250') plug across the 8-5/8" shoe WOC & Tag

Spot 35 sk class C cement (200') at 5,100' spacer plug

40 Sk Class H Plug (700') at 5,000' to cover the top of the Bone Spring

Spot a 50 sk class H cement (400') plug from 11,065' - 10,765' to cover 2,875' tubing stub and 5.5' casing WOC & Tag. Cut Backoff tubing at ~ 10,953'

estimated TOC is at 11,065' on 2,875' production tubing

Set 2,875' C BP at 13,350' and dump 35' Class H on top of C/BP to cover the Wolfcamp perforations

Wolfcamp perms 13,397'-13,715'

PBTD @ 13,779'
 TD @ 13,779'

Well Name: Vaca Draw 15 Federal #1
 Location: 660' FNL & 660' FWL Sec. 15-25S-33E
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 API #: 30-025-35445
 Spud Date: 7/20/01
 Compl. Date: 11/15/01

Rustler 1132
 eogresources

T/Salt 1491

B/Salt 4872

Current Wellbore Diagram:

KB: 3,397.8'
 GL: 3,381'

17-1/2" Hole

13-3/8" 48# H-40 @ 717'
 Cmt w/ 580 sx @ surf

12-1/4" Hole

8-5/8" 32# J-55 @ 4,910'
 Cmt w/ 1,620 sx @ surf

7-7/8" Hole

*Cal TOC
 8880
 +/-*

5-1/2" 17# P-110 @ 12,890'
 Cmt w/ 525 sx @ surf

*TOC 8890 +/-
 cal.*

4-3/4" Hole

2-7/8" E 5# P-105 @ 13,789'
 Cmt w/ 180 sx TOC @ 12,520'

PBTD @ 13,779'
 TD @ 13,779'

Formation Tops	
Delaware	5,007
Bone Spring	9,025
1st Bone Spring	10,016
2nd Bone Spring	10,494
3rd Bone Spring	11,854
Wolfcamp	12,416
Lwr Wolfcamp	13,397

Revised tubing detail:

1 jt	2-7/8" 6.56 P-110 H1 S8 (pin up)	31.13
	Double pin XO	0.85
	3 ditto subs	17.35
444 jts	ditto tubing	13678.15
	Float collar	1.65
	Float joint	41.39
	Float shoe	1.40
445 jts	total tubing and tools	13771.92
	KB adjustment	16.80
	EOT	13788.72

estimated TOC is at 11,065'

Wolfcamp perts 13,397'-13,715'

**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.