

Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.
NMNM118726

6. If Indian, Allottee or Tribe Name

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

8. Well Name and No.
ANTIETAM 9 FED COM 502H

9. API Well No.
30-025-47371-00-X1

10. Field and Pool or Exploratory Area
TRISTE DRAW-BONE SPRING

11. County or Parish, State
LEA COUNTY, NM

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator Contact: KAY MADDOX
EOG RESOURCES INCORPORATED-Email: kay_maddox@eogresources.com

3a. Address
PO BOX 2267
MIDLAND, TX 79702

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

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Sec 9 T25S R33E NWNW 720FNL 1196FWL
32.150379 N Lat, 103.581879 W Lon

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input checked="" type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

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 WILL PLUG THIS WELLBORE USING THE ATTACHED PROCEDURE - THIS HOLE WAS LOST, NEVER COMPLETED.
VERBAL APPROVAL OF ATTACHED PROCEDURE GIVEN BY JEREMY PORTER W/BLM 10/8/2020

FOR RECORD ONLY *K7*

14. I hereby certify that the foregoing is true and correct.
Electronic Submission #533556 verified by the BLM Well Information System
For EOG RESOURCES INCORPORATED, sent to the Hobbs
Committed to AFSS for processing by DEBORAH MCKINNEY on 10/13/2020 (21DLM0020SE)

Name (Printed/Typed) KAY MADDOX Title REGULATORY SPECIALIST

Signature (Electronic Submission) Date 10/12/2020

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By JEREMY PORTER Title PETROLEUM ENGINEER Date 10/14/2020

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 Hobbs

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.

Revisions to Operator-Submitted EC Data for Sundry Notice #533556

	Operator Submitted	BLM Revised (AFMSS)
Sundry Type:	ABD NOI	ABD NOI
Lease:	NMNM118726	NMNM118726
Agreement:		
Operator:	EOG RESOURCES, INC PO BOX 2267 ATTENTION; KAY MADDOX MIDLAND, TX 79702 Ph: 432-686-3658	EOG RESOURCES INCORPORATED PO BOX 2267 MIDLAND, TX 79702 Ph: 432.686.3689
Admin Contact:	KAY MADDOX REGULATORY SPECIALIST E-Mail: kay_maddox@eogresources.com Cell: 432-638-8475 Ph: 432-686-3658	KAY MADDOX REGULATORY SPECIALIST E-Mail: kay_maddox@eogresources.com Cell: 432-638-8475 Ph: 432-686-3658
Tech Contact:	KAY MADDOX REGULATORY SPECIALIST E-Mail: kay_maddox@eogresources.com Cell: 432-638-8475 Ph: 432-686-3658	KAY MADDOX REGULATORY SPECIALIST E-Mail: kay_maddox@eogresources.com Cell: 432-638-8475 Ph: 432-686-3658
Location:		
State:	NM	NM
County:	LEA	LEA
Field/Pool:	DRAPER MILL;BONE SPRING	TRISTE DRAW-BONE SPRING
Well/Facility:	ANTIETAM 9 FEDERAL COM 502H Sec 9 T25S R33E Mer NMP NWNW 720FNL 1196FWL 32.150379 N Lat, 103.581879 W Lon	ANTIETAM 9 FED COM 502H Sec 9 T25S R33E NWNW 720FNL 1196FWL 32.150379 N Lat, 103.581879 W Lon

ANTIETAM 9 Fed COM 502H
30-025-47371
EOG Resources
Conditions of Approval

Plugging Procedure approved as follows:

If tubing can pass casing (Depths are according to MD)

1. Set 300' Cement Plug @ 10,280 ft. (125 sxs minimum) WOC and Tag @ 10,000 ft or shallower. (Covers first Bone Spring Sand)
2. Set 200' cement plug @ 8,200 ft. (75 sxs minimum) (Meets 2,000 ft b/w plugs in open hole requirement)
3. Set 160' cement plug @ 6,200 ft. (75 sx minimum) (Meets 2,000 ft b/w plugs in open hole requirement)
4. Set 360' cement plug @ 5,160 ft. (220 sxs minimum) WOC and tag @ 4800' or shallower. (Covers Delaware Formations, casing shoe, and Base of Salt)
5. Set 140' cement plug @ 3,300 ft. (50 sxs minimum) (Meets 3,000 ft b/w plug in cased hole requirement)
6. Set CIBP @ 1,550' and set 305' of cement on top of CIBP. (125 sxs minimum) WOC and Tag at 1245' or shallower. (Covers Surface Casing Shoe and Top of Salt)
7. Set 100' cement plug from 100 ft to surface. (50 sxs minimum)

If tubing cannot pass casing

1. Pump 200 sxs of cement at 4800' or as far as tubing can reach. (Expected to fall south to reach intermediate casing 50' below shoe @ 5,100') WOC and tag @ 4,700' or shallower. (Covers base of Salt). **Additional cement may be required.**
2. Set CIBP @ 3240'. Set 140' cement plug on top of CIBP. (50 sxs minimum) (Meets 3,000 ft b/w plug in cased hole requirement)
3. Set 305' cement plug @ 1,550'. (125 sxs minimum) WOC and tag @ 1245' or shallower. (Covers Surface Casing Shoe and Top of Salt)
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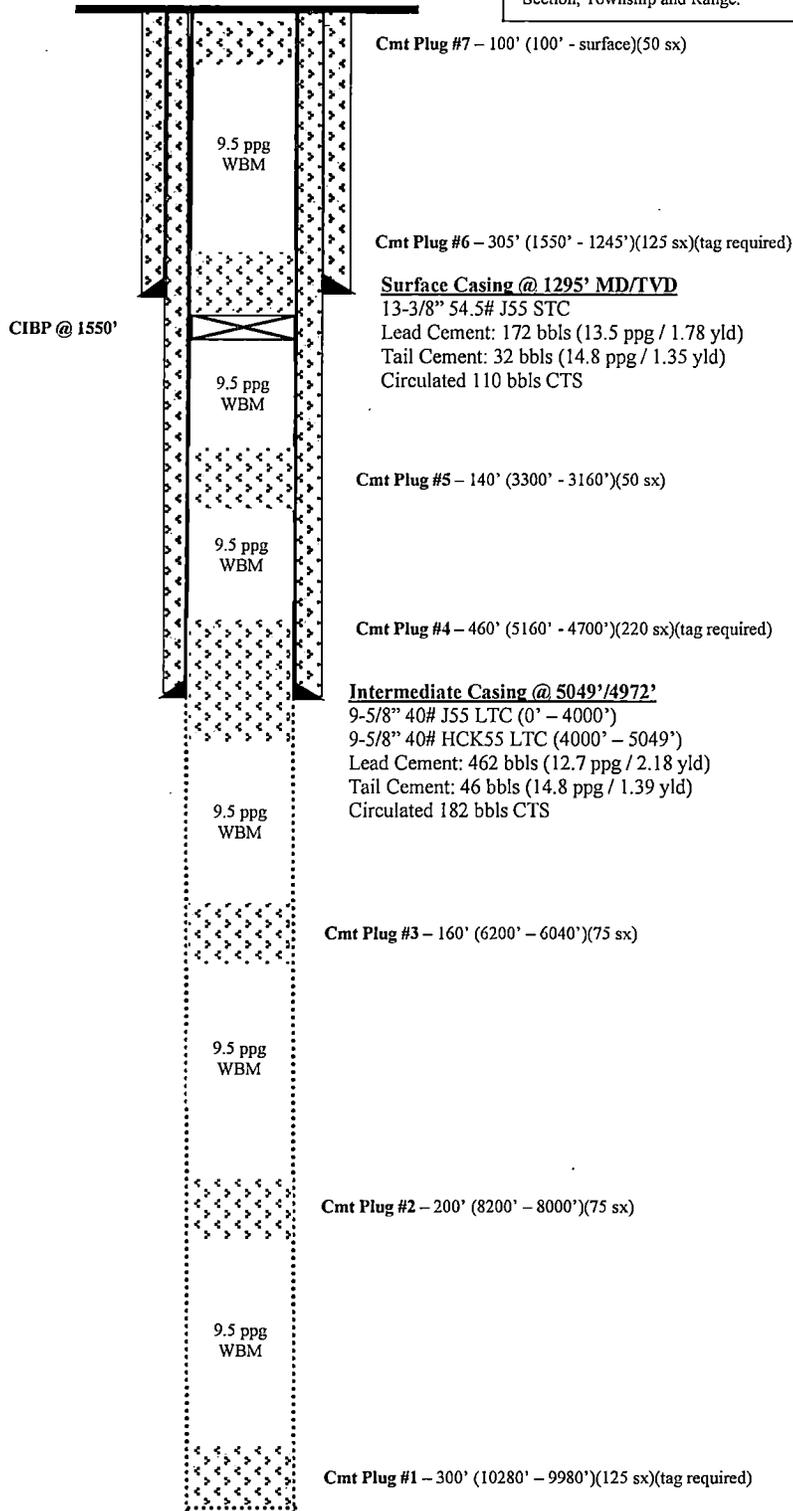
JJP10142020

EOG Resources
Antietam 9 Fed Com 502H
Permian/Sanders Tank (Upper WFMP) Field
 30-025-47371
 720' FNL & 1196' FWL
 Section 9 T2S R33E
 Lea County, New Mexico

Notification:
 Contact the BLM at least 24 hours prior to commencing plugging operations @ 575.393.3612. This well must be plugged before 12/7/2020 (60 days from RR to Antietam 9 FC 503H).

Dry Hole Marker:
 Cut-off casing(s) 3' below ground level and install 4" OD marker, 10' in length, 4' above GL, embedded in cement. Weld the following information on marker:
 Operator Name, Lease Name and Well No.,
 API Number, Surface Location, Quarter -Quarter Section, Section, Township and Range.

Proposed P&A
10/9/2020



Formation Top	MD/TVD
Rustler	1181/1181
Top of Salt	1499/1499
Base of Salt	4970/4891
Lamar	5157/5078
Bell Canyon	5187/5108
Cherry Canyon	6082/6002
Brushy Canyon	7561/7570
Bone Spring Lime	9249/9168
Leonard A	9291/9210
Leonard B	9617/9536
First BS Sand	10156/10075
TD	10280/10199
Second BS Shale	10333
Second BS Sand	10684
Second BS B Sd	10714

Received verbal permission from BLM (Jeremy Porter) 10/7/2020 5:30 pm CST to temporary abandon subject wellbore and to move to the Antietam 9 FC 502H.

Received written permission to P&A subject wellbore from BLM (Jeremy Porter) 10/8/2020 6:14 pm CST.

This will be the procedure to P&A well if ABLE to run tubing past parted casing at 4825'.

8-3/4" Hole Section TD at 10,280' MD/10,199' TVD
 Final TD in 1st Bone Spring Sand

10/7/2020 - Drilled 10,280' MD. TOH. RIH with new BHA unable to work past tite spot in casing @ 4825' MD/4746' TVD.

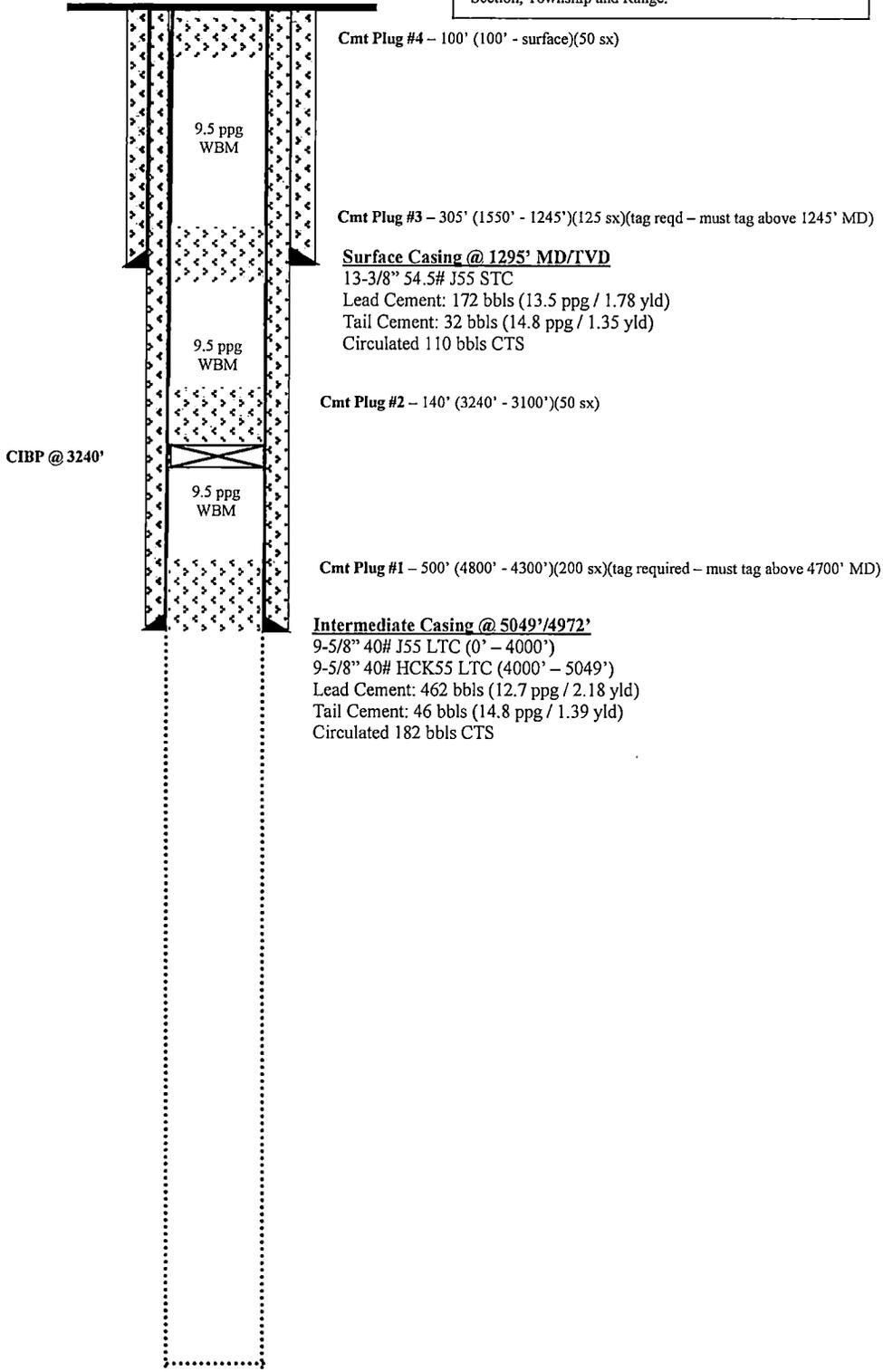
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BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

**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 (60) 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