

Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Operator Copy

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.

NM-78214

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well



Oil Well



Gas Well



Other

2. Name of Operator

EOG Resources, Inc.

3a. Address

104 S. 4th Str., Artesia, NM 88210

3b. Phone No. (include area code)

575-748-1471

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

1232'FNL & 1980'FWL of Section 9-T22S-R24E (Unit C, NENW)

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

8. Well Name and No.

Anemone ANE Federal 6

9. API Well No.

30-015-33043

10. Field and Pool or Exploratory Area

Wildcat; Bone Spring

11. County or Parish, State

Eddy County, New Mexico

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 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 Resources, Inc. plans to plug and abandon this well as follows:

1. MIRU all safety equipment as needed. NU BOP. POOH with production equipment.
2. Spot a 34 sx Class "H" cement plug from 7333'-7514' to cover top of Wolfcamp. WOC Tag.
3. Set a CIBP at 6743' with 7 sx Class "H" cement on top to 6708' to cover 3rd Bone Spring perforations. Dump Bail or Spot 25sx
4. Spot a 25 sx Class "C" cement plug from 4259'-4408' to cover top of 2nd Bone Spring.
5. Spot a 25 sx Class "C" cement plug from 2682'-2831' to cover top of 1st Bone Spring.
6. Spot a 25 sx Class "C" cement plug from 1735'-1884' to cover surface casing shoe, WOC and tag.
7. Spot a 25 sx Class "C" cement plug from 110' up to surface. Backfill as needed. Perf @ 110, set cement surf.
8. Cut off wellhead and weld on dry hole marker. Clean location as per regulated.

Wellbore schematics attached.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Tina Huerta

Title Regulatory Specialist

Signature

Tina Huerta

Date

January 4, 2021

NMOCD - Accepted for record gc 2/1/2021 THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

James L. Brown

Title

SPET

Date

1-8-21

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

LFD

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)

~ 1' from 755. circ.
Top 700'

51 up Aen Cyon

- 70C @ 7712

Anemone ANE Federal #6 Proposed		Sec: YNN-RNG:	9-22S-24E	API:	33-015-33043						
		FOOTAGES:	1232' FNL & 1980' FWL	GL:	4195						
				KB:							
COMMENTS 5th Plug: Surface Plug	A	CASINO DETAIL									
		#	HOLE SIZE	SIZE	WGT	GRADE	Top	Bottom	Su Cnt	Cut/TOC	TOC av
		A	25	20		Concrete	0	40			
		B	14 3/4	8 5/8	36	3-25 ST&G	0	1810	1830	CPHC	
		C	8 3/4	7	26	3-55 SLS-B0	0	8 715	1235	770'	CRH
5th Plug: Sur. Cap. Shoe	B	FORMATION TOPS									
			FORMATION	TOP		Formation	TOP				
			Bone Springs	1978							
			1st Bone Springs	2757							
			2nd Bone Springs	4734							
			3rd Bone Springs	7123							
			Wolfcamp	7424							
			Upper Perm	8080							
4th Plug: 1st Bone Springs Top		Perforation Detail									
			Formation	Top	Bottom	Treatment					
			Canyon	8080	8250	Acid & Rock Salt					
			3rd Bone Springs	6793	7395	Acid					
3rd Plug: 2nd Bone Springs Top		Plugs									
		#	SK	Class	Top	Bottom	4	Notes	Tag		
		1	34	H	7333	7514	181	Top of Wolfcamp	N		
		2	7	H	8708	8743	35	3rd Bone Springs Perfs	N		
		3	25	C	4258	4408	149	Top of 2nd Bone Springs	N		
		4	25	C	2652	2831	149	Top of 1st Bone Springs	N		
		5	25	C	1735	1864	149	Surface Casing Shoe	Y		
		6	25	C	0	110	110	Surface Plug	Y		
2nd Plug: Open 3rd BS Perfs		ADDITIONAL DETAIL									
3rd Bone Springs Perfs: 8793'-7395'		9/23/2014	CRP # 8030								
1st Plug: Wolfcamp Top		9/23/2014	CRP # 7997								
CRP w/ 30 vls cmt @ 8030'		9/23/2014	CRP # 7997 - 40 ss Class Here								
Canyon Perfs: 8080'-8250'											
	C	PBTD	8.071	MD							
		TD	8.715	MD							
		Prepared by: KJP		12/22/2020							

**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**

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. Dry Hole Marker: 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.**

The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: 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).

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.

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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.

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

District IV

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 14432

CONDITIONS OF APPROVAL

Operator:	EOG RESOURCES INC	P.O. Box 2267	Midland, TX79702	OGRID:	7377	Action Number:	14432	Action Type:	C-103F
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OCD Reviewer	Condition
gcordero	None