

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD Artesia

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

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM78214
2. Name of Operator EOG Y RESOURCES INC		6. If Indian, Allottee or Tribe Name
3a. Address 104 S 4TH STREET ARTESIA, NM 88210		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 575-748-4168		8. Well Name and No. ANEMONE ANE FED 4
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 9 T22S R24E NWSE 1650FSL 1980FEL		9. API Well No. 30-015-28133-00-S1
		10. Field and Pool or Exploratory Area UPPER PENN
		11. County or Parish, State EDDY COUNTY, NM

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 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. Perforate at 9626 ft. Attempt to establish circulation or spot a 25 sx Class H cement plug from 9626 ft - 9303 ft. WOC and tag. This will plug Atoka.
3. Perforate at 8969 ft. Attempt to establish circulation or spot a 25 sx Class H cement plug from 8969 ft - 8700 ft. WOC and tag. This will plug 7 inch casing shoe and Strawn.
4. Set a CIBP at 7866 ft with 35 ft Class H cement on top.
5. Perforate at 7382 ft. Attempt to establish circulation or spot a 66 sx Class H cement plug from 7382 ft - 7209 ft. WOC and tag. This will plug Wolfcamp.
6. Perforate at 3413 ft. Attempt to establish circulation or spot a 45 sx Class C cement plug from 3413 ft - 3279 ft. WOC and tag. This will plug Bone Spring.

GC 10/24/19
Accepted for record - NMOC**SEE ATTACHED FOR
CONDITIONS OF APPROVAL**

14. I hereby certify that the foregoing is true and correct. Electronic Submission #483915 verified by the BLM Well Information System For EOG Y RESOURCES INC, sent to the Carlsbad Committed to AFMSS for processing by DEBORAH MCKINNEY on 09/19/2019 (19DLM0677SE)		NM OIL CONSERVATION ARTESIA DISTRICT
Name (Printed/Typed) TINA HUERTA	Title REGULATORY SPECIALIST	OCT 17 2019
Signature (Electronic Submission)	Date 09/18/2019	RECEIVED

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By <u>James R. [Signature]</u>	Title <u>SAE T</u>	Date <u>10-6-19</u>
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 <u>CFD</u>

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 ****

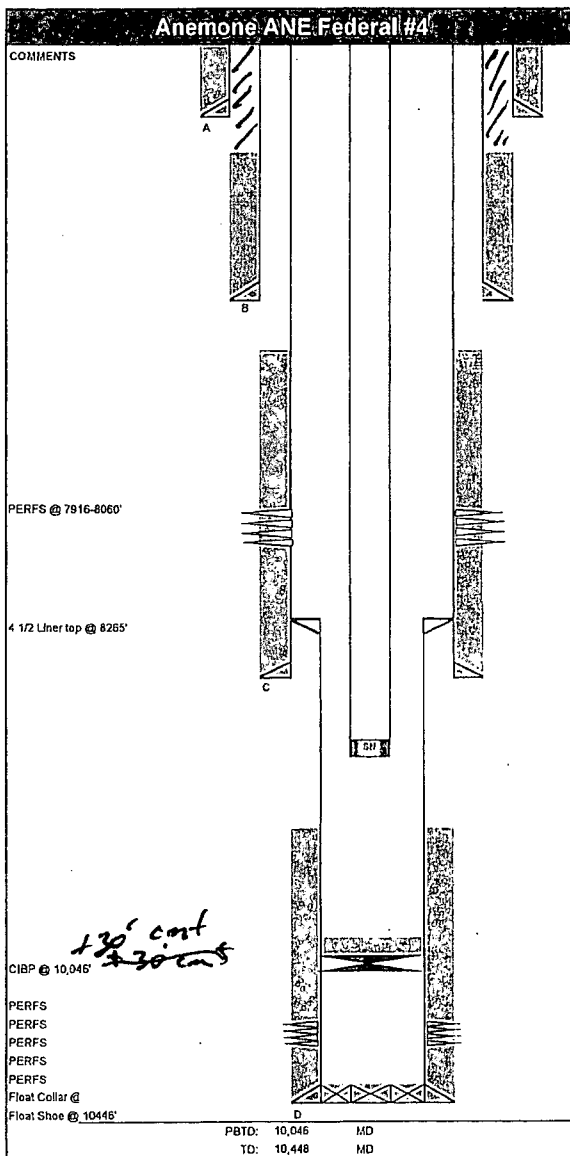
18

Additional data for EC transaction #483915 that would not fit on the form

32. Additional remarks, continued

7. Perforate at 2712 ft. Attempt to establish circulation or spot a 43 sx Class C cement plug from 2712 ft - 2585 ft. WOC and tag. This will plug Glorieta.
8. Perforate at 1671 ft. Attempt to establish circulation or spot a 25 sx Class C cement plug from 1671 ft - 1529 ft. WOC and tag. This will plug shoe.
9. Perforate at 1008 ft. Attempt to establish circulation or spot a 37 sx Class C cement plug from 1008 ft - 898 ft. WOC and tag. This will plug San Andres.
10. Spot a 10 sx Class C cement plug from 57 ft up to surface. WOC and tag.
11. Cut off wellhead and install dry hole marker. Clean location as per regulated.

Wellbore schematics attached



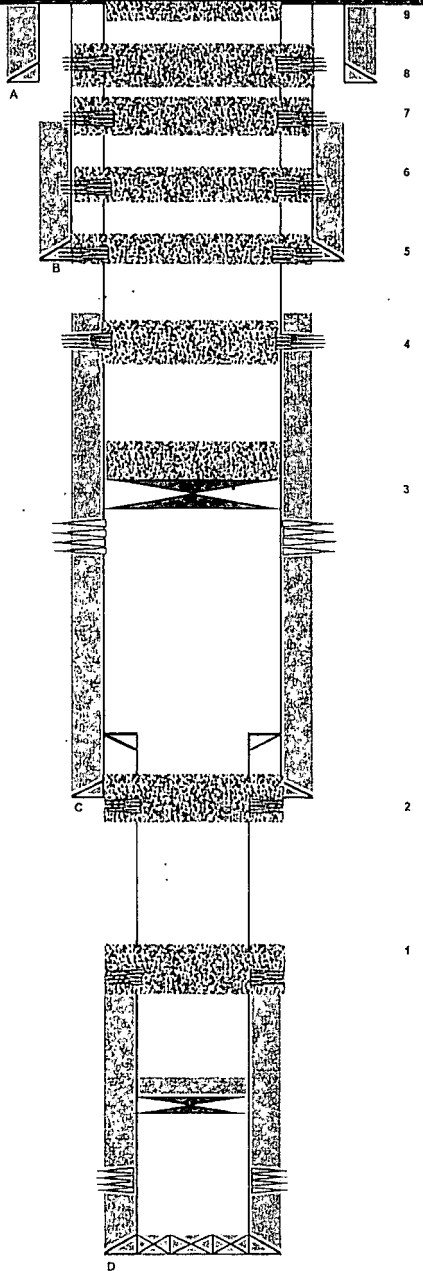
Sec-TWN-RNG:		09-22S-24E		API: 30-015-28133					
FOOTAGES:		1650' FSL & 1980' FEL		GL: 3995					
				KB: 15					
CASING DETAIL									
#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt	Circ/TOC	TOC Method
A	22	16	75	J-55	0	55		Surf	
B	14 3/4	9 5/8	32.3	H-40	0	1,621	1150	Surf	
C	8 3/4	7	26	J-55	0	8747	650	?	
D	6 1/8	4 1/2	11.6	P-110	8265	10450	115	?	
FORMATION TOPS									
	FORMATION	TOP							
	MORROW	9968							
	ATOKA	9576							
	STRAWN	8918							
	UPPER PENN	7904							
	WOLFCAMP	7332							
	BONE SPRINGS	3363							
	GLORIETA	2662							
	SAN ANDRES	958							
TUBING DETAIL									
#	Joints	Description	Length	OD	ID	Grade	Wt (lb/ft)	Top (ftKB)	Blm (ftKB)
			FT	In					
1	243	2 7/8" TBG	7948.53	2 7/8				13.40	7,961.90
2	1	2 7/8" SN	1.10	2 7/8				7,961.90	7,963.00
Plugs									
#	SX	CMT Class	Top	BTM	Description				
ADDITIONAL DETAIL									
	FORMATION	TOP	BTM	#	NOTES				
	CANYON	7916	7942	26	42" HOLES				
	PERFS	7946	7950	5	42" HOLES				
	PERFS	7960	7962	3	42" HOLES				
	PERFS	8010	8014	5	42" HOLES				
	PERFS	8022	8028	7	42" HOLES				
	PERFS	8034	8060	27	42" HOLES				
	PERFS	10096	10136	248	42" HOLES				
	PERFS	10188	10196	54	42" HOLES				
	PERFS	10200	10214	54	42" HOLES				
	PERFS	10206	10308	78	42" HOLES				
	PERFS	10320	10332	78	42" HOLES				
Prepared by: SCB									

Anemone ANE Federal #4

Sec-TWN-RNG: 09-22S-24E
FOOTAGES: 1650' FSL & 1980' FEL

API: 30-015-28133
GL: 3995
KB: 15

COMMENTS



CASING DETAIL

#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt	Circ/TOC
A	22	16	75	J-55	0	55		Surf
B	14 3/4	9 5/8	32.3	H-40	0	1,621	1150	Surf
C	8 3/4	7	26	J-55	0	8747	650	?
D	6 1/8	4 1/2	11.6	P-110	8265	10450	115	?

FORMATION TOPS

FORMATION	TOP
MORROW	9969
ATOKA	9576
STRAWN	8919
UPPER PENN	7804
WOLFCAMP	7332
BONE SPRINGS	3363
GLORIETA	2662
SAN ANDRES	958

Plugs

1	Perforate at 9626 ft. Attempt to establish Circulation or spot I/O. Requires 25 SX (323 ft) CLS H cement plug 9303 ft - 9626 ft. WOC & Tag Plug. This will plug the Atoka
2	Perforate at 8969 ft. Attempt to establish Circulation or spot I/O. Requires 25 SX (269 ft) CLS H cement plug 8700 ft - 8969 ft. WOC & Tag Plug. This will plug the 7" casing shoe and Strawn
3	Set CIBP at 7866 ft with 35 ft of CLS H on top.
4	Perforate at 7382 ft. Attempt to establish Circulation or spot I/O. Requires 66 SX (173 ft) CLS H cement plug 7209 ft - 7382 ft. WOC & Tag Plug. This will plug the Wolfcamp
5	Perforate at 3413 ft. Attempt to establish Circulation or spot I/O. Requires 45 SX (134 ft) CLS C cement plug 3279 ft - 3413 ft. WOC & Tag Plug. This will plug the Bone Springs
6	Perforate at 2712 ft. Attempt to establish Circulation or spot I/O. Requires 43 SX (127 ft) CLS C cement plug 2585 ft - 2712 ft. WOC & Tag Plug. This will plug the Glorieta
7	Perforate at 1671 ft. Attempt to establish Circulation or spot I/O. Requires 25 SX (142 ft) CLS C cement plug 1529 ft - 1671 ft. WOC & Tag Plug. This will plug the Shoe
8	Perforate at 1008 ft. Attempt to establish Circulation or spot I/O. Requires 37 SX (110 ft) CLS C cement plug 898 ft - 1008 ft. WOC & Tag Plug. This will plug the San Andres
9	Spot a 10 SX (57 ft) CLS C cement plug 0 ft - 57 ft. WOC & Tag Plug. This will plug the Top.

7916-8060'

4 1/2 Liner top @ 8265'

CIBP @ 10,046'

PERFS 10096-10136'
PERFS 10188-10196'
PERFS 10206-10214'
PERFS 10296-10308'
PERFS 10320-10332'

Float Collar @ 10402'
Float Shoe @ 10446'

PBTD: 10,046 MD
TD: 10,448 MD

Prepared by: MJM

Date: 18-Sep-2019

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.