

Well Name: ANEMONE ANE FEDERAL	Well Location: T22S / R24E / SEC 9 / SWSW /	County or Parish/State: EDDY / NM
Well Number: 7	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM78214	Unit or CA Name:	Unit or CA Number:
US Well Number: 3001533044	Well Status: Producing Gas Well	Operator: EOG RESOURCES INCORPORATED

Accepted for record – NMOCD gc 2/5/2021

Notice of Intent

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 01/19/2021

Time Sundry Submitted: 02:25

Date proposed operation will begin: 02/14/2021

Procedure Description: 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. Set a CIBP at 10,073 ft with 35 ft Class H cement on top to 10,034 ft. This will cover top Morrow. 3. Spot a 35 sx Class H cement plug from 9479 ft-9289 ft. This will cover Atoka. 4. Spot a 33 sx Class C cement plug from 9023 ft-8843 ft. This will cover Strawn. 5. Perforate at 8050 ft. Spot a 39 sx Class H cement plug from 8050 ft-7835 ft. This will cover abandoned perfs and top Upper Penn. 6. Spot a 31 sx Class H cement plug from 7388 ft-7218 ft. This will cover Wolfcamp. 7. Spot a 29 sx Class H cement plug from 6920 ft-6760 ft. This will cover 3rd Bone Spring. 8. Spot a 59 sx Class C cement plug from 3760 ft-3399 ft. This will cover 2nd Bone Spring. 9. Perforate at 1877 ft. Spot a 25 sx Class C cement plug from 1877 ft-1767 ft. This will cover 9-5/8 casing shoe. WOC and tag. 10. Perforate at 400 ft. Spot a 143 sx Class C cement plug from 400 ft up to surface. Back fill as needed. 11. Cut off wellhead and weld on dry hole marker. Clean location as per regulated. Wellbore schematics attached.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Anemone_ANE_Federal_7_Proposed_WBD_20210114150337.pdf

Anemone_ANE_Federal_7_Current_WBD_20210114150337.pdf

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Conditions of Approval

Specialist Review

Amone_Ane_Federal_7_P_A_20210128114403.pdf

Operator Certification

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: HUERTA **Signed on:** JAN 14, 2021 03:06 PM

Name: EOG RESOURCES INCORPORATED

Title: Regulatory Specialist

Street Address: NOT ENTERED

City: NOT ENTERED **State:** NOT ENTERED

Phone: (432) 686-3600

Email address: NOT ENTERED

Field Representative

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

BLM Point of Contact

BLM POC Name: Long Vo	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752345972	BLM POC Email Address: lvo@blm.gov
Disposition: Approved	Disposition Date: 01/28/2021
Signature: Long Vo	

PLUG AND ABANDONMENT CONDITIONS OF APPROVAL

Critical Cave

OPERATOR'S NAME:	EOG Resources Incorporated
LEASE NO.:	NMNM78214
WELL NAME & NO.:	Amone Ane Federal 7
US Well Number:	3001533044
LOCATION:	Section 9, T.22 S., R.24 E., NMPM
COUNTY:	Eddy County, New Mexico

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

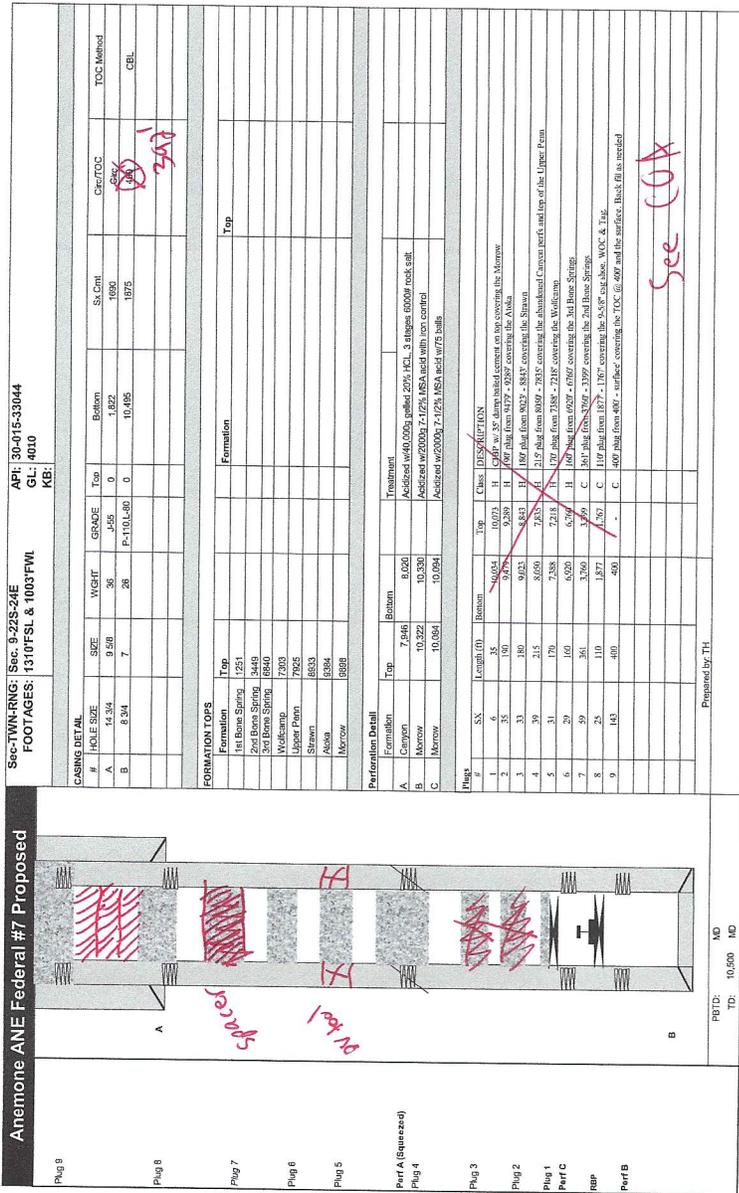
- MIRU all safety equipment as needed. NU BOP. POOH with production equipment.
- Set a CIBP at 10,073 ft with ^{110 sx} 35 ft Class H cement on top to ^{9749'} 10,034 ft. This will cover top Morrow. *Leak test CIBP*
- ~~Spot a 35 sx Class H cement plug from 9479 ft-9289 ft. This will cover Atoka.~~
- ~~Spot a 33 sx Class C cement plug from 9023 ft-8843 ft. This will cover Strawn.~~
- Perforate at ^{8070'} 8050 ft. Spot a ⁵⁰ 39 sx Class H cement plug from ^{8050'} 8050 ft-7835 ft. This will cover abandoned perfs and top Upper Penn.
- Spot a ^{45 sx} 31 sx Class H cement plug from 7388 ft-^{7179'} 7218 ft. This will cover Wolfcamp. *WOC & TAG*
- ~~Spot a 29 sx Class H cement plug from 6920 ft-6760 ft. This will cover 3rd Bone Spring.~~
- ~~Spot a 59 sx Class C cement plug from 3760 ft-3399 ft. This will cover 2nd Bone Spring.~~
- Perforate at 1877 ft. Spot a ^{245 sx} 25 sx Class C cement plug from 1877 ft-^{400'} 1767 ft. This will cover 9-5/8 casing shoe. WOC and tag.
- Perforate at 400 ft. Spot a 143 sx Class C cement plug from ^{390'} 400 ft up to surface. Back fill as needed. *(In/out) Verify @ surface*
- Cut off wellhead and weld on dry hole marker. Clean location as per regulated.

Wellbore schematics attached.

Approval Subject to General Requirements and Special Stipulations Attached

- Spot 25 sx class H @ 7664' - 7564' (DV tool @ 7614') WOC & TAG
- Spot 25 sx class C @ 4180' - 4030' (Spacer) WOC & TAG

DVC 7614'



Sec-TWINRNG: Sec. B, 2/28-24E
 FOOTAGES: 1310 FSL & 1003 FWL
 API: 30-015-33044
 GL: 4010
 KB:

CASING DETAIL									
#	ISOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	St. Cnt.	ChertOC	TOC Method
A	8.384	38	0	258	10.495	10.495	1090	258	CBL
B	8.384	7	28	P-110(L&B)	0	10.495	1975	258	CBL

FORMATION TOPS									
Formation	Top	Formation	Top						
1st Bone String	7251								
2nd Bone String	8440								
3rd Bone String	9400								
Wolfcamp	7203								
Upper Perm	7025								
Strawn	8833								
Alsea	9384								
Morrow	9998								

Perforation Detail									
Formation	Top	Bottom	Treatment						
A Canyon	7,846	8,020	Aslized w/40.000g galled 20% HCL, 3 slugs 8000W rock salt						
B Morrow	10,322	10,330	Aslized w/2000g 7-1/2% HSA acid with iron control						
C Morrow	10,084	10,094	Aslized w/2000g 7-1/2% HSA acid w/75 balls						

Plugs									
#	SS	Length (ft)	Bottom	Top	Chis	DISCREPTION			
1	35	10.024	8,020	10,073	H	CGP w/ 5' down valued cement on top covering the Morrow			
2	35	10.024	8,020	10,073	H	CGP w/ 5' down valued cement on top covering the Morrow			
3	33	180	9,013	8,833	H	100' plug from 9,013 - 8,833 covering the Alsea			
4	39	215	8,696	8,481	H	130' plug from 8,696 - 8,481 covering the Strawn			
5	31	170	7,388	7,218	H	170' plug from 7,388 - 7,218 covering the Wolfcamp			
6	29	160	6,020	5,860	H	160' plug from 6,020 - 5,860 covering the Upper Perm			
7	59	261	3,766	3,505	C	1st Bone String			
8	25	110	1,877	1,767	C	110' plug from 1,877 - 1,767 covering the 2nd Bone String			
9	143	400	400	0	C	400' plug from 400' - surface covering the TOC (if 400' and the surface. Block fill is needed)			

See COX

Prepared by TH

PLOT: MD MD
 TD: 10,500 MD

DV tool @ 7614'

Anemone ANE Federal #7 Current

Sec-TMN-RNG: Sec. 9-22S-24E APT: 30-015-33044
 FOOTAGES: 1310'FSL & 1003'FWI GL: 4010
 KB:

CASING DETAIL									
#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cnt	Cir/TOC	TOC Method
A	14 3/4	9.5/8	36	J-55	0	1,822	1680	Circ	
B	8 3/4	7	28	P-110L-9C	0	10,485	1975	Circ	

FORMATION TOPS

Formation	Top	Formation	Top
1st Bone Spring	1251		
2nd Bone Spring	1449		
3rd Bone Spring	1646		
Walden	7303		
Upper Penn	7925		
Shawn	8933		
Alaska	9394		
Marrow	8898		

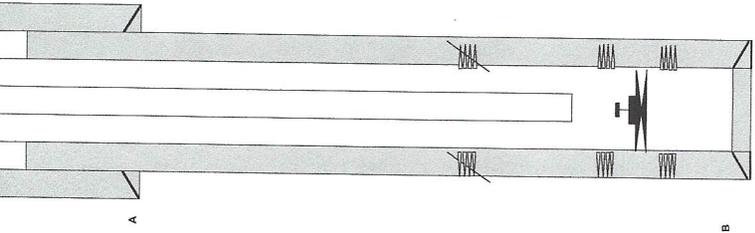
TUBING DETAIL

#	Joints	Description	Length	OD	ID	Grade	WL (Wt):	Top (KFB)	Botm (KFB)
		2-7/8 tubing						9,836	

Squeezed Cation 7946-8920 with 800 gr cement.
 RSP at 10,260

Perforation Detail

Formation	Top	Bottom	Treatment
A. Clayton	7,946	8,020	Acidized w/40,000g wellbore 20% HCl, 3 slugs 600gr rock salt
B. Marrow	10,322	10,330	Acidize w/2000g 7-1/2% MSA acid with iron control
C. Marrow	10,084	10,084	Acidize w/2000g 7-1/2% MSA acid w/75 balls



PRD: 10,200 MD
 TD: 10,500 MD

Prepared by: TH

Perf A (Squeezed)

Perf C

RSP

Perf B

**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.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Carlsbad Field Office
620 E. Greene St.
Carlsbad, New Mexico 88220-6292
www.blm.gov/nm



In Reply Refer To: 1310

Reclamation Objectives and Procedures

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. 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 (Contact service companies, allowing plenty of time to have the risers and power lines and poles removed prior to reclamation, don't wait till the last day and try to get them to remove infrastructure). 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 specified in the original APD COA. This will apply to well pads, facilities, and access roads. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include 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 wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.
3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.
4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have 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 would 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. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.
6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the 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 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 the BLM specialist will 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 of 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 Petroleum Engineering Tech
575-234-5909 (Office), 575-361-2648 (Cell)

Arthur Arias
Environmental Protection Specialist
575-234-6230

Crisha Morgan
Environmental Protection Specialist
575-234-5987

Melissa Horn
Environmental Protection Specialist
575-234-5951

Kelsey Wade
Environmental Protection Specialist
575-234-2220

Trishia Bad Bear, Hobbs Field Station
Natural Resource Specialist
575-393-3612

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 17144

CONDITIONS OF APPROVAL

Operator: EOG RESOURCES INC	P.O. Box 2267	Midland, TX79702	OGRID: 7377	Action Number: 17144	Action Type: C-103F
OCD Reviewer gcordero			Condition None		