

Well Name: AMARANTH AMG	Well Location: T20S / R30E / SEC 12 / NWNE / 32.5914495 / -103.9256027	County or Parish/State: EDDY / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM54298	Unit or CA Name: AMARANTH AMG FED COM	Unit or CA Number: NMNM88511
US Well Number: 3001527375	Operator: EOG RESOURCES INCORPORATED	

Subsequent Report

Sundry ID: 2881751

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 11/06/2025

Time Sundry Submitted: 01:40

Date Operation Actually Began: 09/15/2025

Actual Procedure: EOG PLUGGED THIS WELL 10/14/2025 USING THE ATTACHED PROCEDURE, THE FINAL WELLBORE DIAGRAM ARE ALSO ATTACHED.

SR Attachments

Actual Procedure

- DHM\_Amaranth\_AMG\_Federal\_Com\_1\_Location\_20251106134039.pdf
- DHM\_Amaranth\_AMG\_Federal\_Com\_1\_Location\_2\_20251106134035.pdf
- DHM\_Amaranth\_AMG\_Federal\_Com\_1\_DHM\_20251106134030.pdf
- DHM\_Amaranth\_AMG\_Federal\_Com\_1\_DHM\_3\_20251106134022.pdf
- DHM\_Amaranth\_AMG\_Federal\_Com\_1\_DHM\_2\_20251106134018.pdf
- DHM\_Amaranth\_AMG\_Federal\_Com\_1\_CMT\_TO\_Surface\_Pic\_2\_20251106134014.pdf
- DHM\_Amaranth\_AMG\_Federal\_Com\_1\_CMT\_TO\_Surface\_Pic\_1\_20251106134010.pdf
- Amaranth\_AMG\_Federal\_COM\_1\_Final\_WBD\_20251106133958.pdf
- Amaranth\_AMG\_Federal\_COM\_1\_\_PA\_Procedure\_\_Final\_20251106133954.pdf

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Operator

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

Operator Electronic Signature: KRISTINA AGEE

Signed on: NOV 06, 2025 01:40 PM

Name: EOG RESOURCES INCORPORATED

Title: Senior Regulatory Administrator

Street Address: 5509 Champions Dr.

City: MidlandState: TX

Phone: (432) 686-6996

Email address: KRISTINA\_AGEE@EOGRESOURCES.COM

Field

Representative Name:

Street Address:

City:State:Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: JAMES A AMOS

BLM POC Title: Acting Assistant Field Manager

BLM POC Phone: 5752345927

BLM POC Email Address: JAMOS@BLM.GOV

Disposition: Accepted

Disposition Date: 11/10/2025

Signature: James A Amos

Form 3160-5  
(October 2024)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0220  
Expires: October 31, 2027

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.

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

3a. Address    3b. Phone No. (include area code)

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

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

8. Well Name and No.

9. API Well No.

10. Field and Pool or Exploratory Area

11. Country or Parish, State

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

TYPE OF SUBMISSION	TYPE OF ACTION				
<input 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 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 recompleate 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 perfonned 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 detennined that the site is ready for final inspection.)

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

Title

Signature

Date

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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

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)

## GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

## SPECIFIC INSTRUCTIONS

*Item 4* - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

*Item 13*: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

## NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

## Additional Information

### Location of Well

0. SHL: NWNE / 2449 FNL / 1512 FWL / TWSP: 20S / RANGE: 30E / SECTION: 12 / LAT: 32.5914495 / LONG: -103.9256027 ( TVD: 0 feet, MD: 0 feet )

BHL: NWNE / 2449 FNL / 1512 FWL / TWSP: 20S / SECTION: / LAT: 0.0 / LONG: 0.0 ( TVD: 0 feet, MD: 0 feet )

















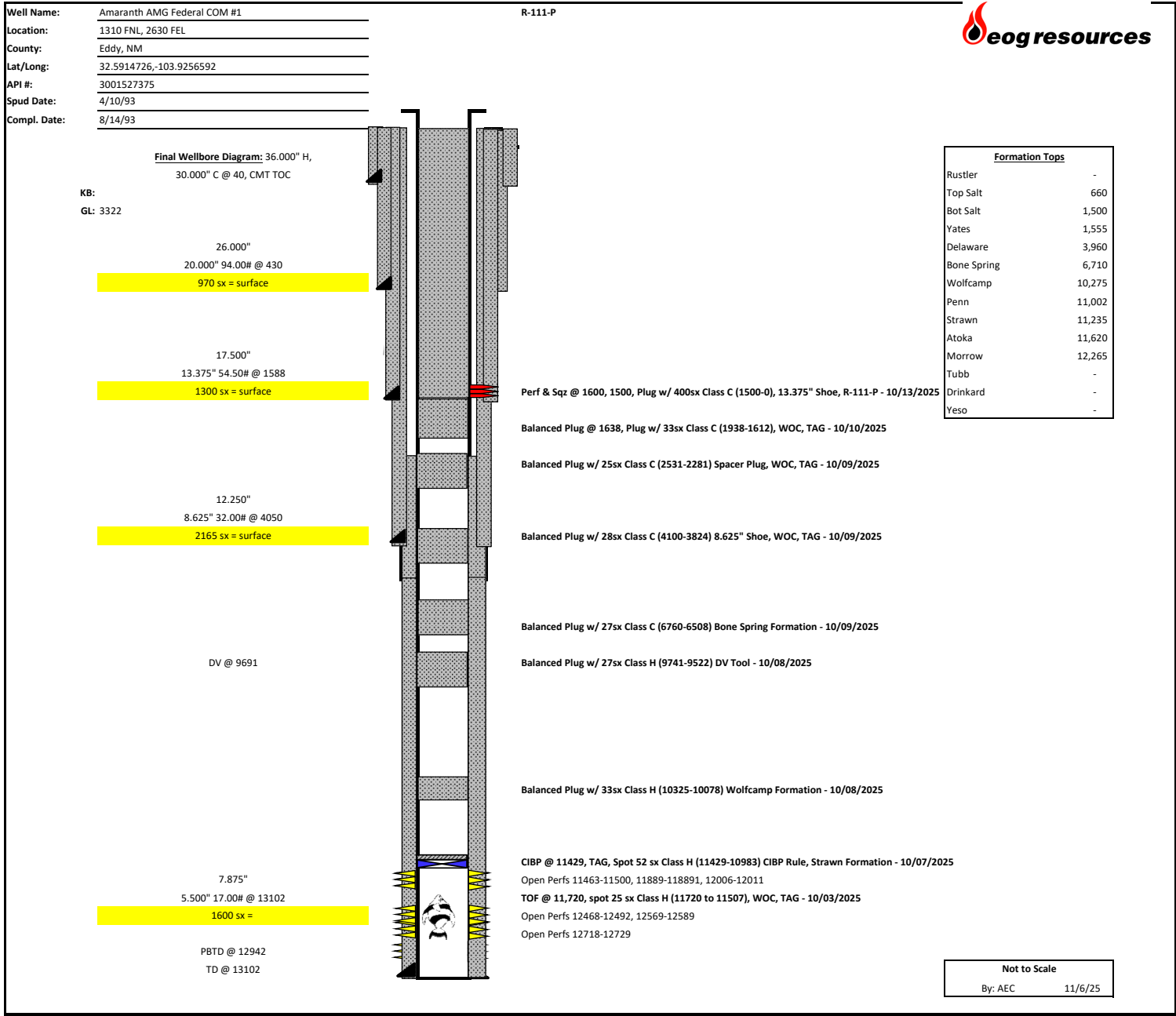














## Amaranth AMG Federal COM #1 – P&amp;A Procedure

B-12-20S-30E

API # 30-015-27375

1. Notify Regulatory Agency 24 hours prior to commencing work. MIRU well service unit and all necessary safety equipment. – **09/15/2025**
2. ND WH, NU BOP.
3. Unset Anchor, POOH and LD 2.875" TBG. PU WS and prep for P&A.
  - a. Held PJSM. RU swivel and cont to work pipe while pumping dwn csg Got good rotation on tbg. Csg loaded at 48 bbls. Then started pumping dwn tbg and got circ with 58 bbls. Kept working pipe from 60K to 105K couldn't get PKR to move up or dwn. Pulled 110K will leave overnight. Secure well. SDFN. Tomorrow will work tbg some more then RIH and cut tbg again above PKR. Found out that the PKR is a Guiberson uni V 6K. -  
**09/18/2025**
  - b. PU jts 358, 59, 60, PU jt 361 tag TOF @ 11,408' and start milling on top of fish. Pump 108 bbls and got circ. SI pipe ram and circ oil and gas OOH. LD jt 361 and PU 10' PJ and start milling on TOF again @ 11,408'. Got TOF through cut right but keeps stalling out when get to shoe bushing. Secure well. SDFN. Will try again in the morning then TOO and look at shoe. – **09/22/2025**
  - c. TIH BHA 365 jts 2 7/8 6.5# L-80 tbg. PU jt 366 and tag 12' out 11,434' Rotate and got over fish and latched on. Work from 60k 125k with no movement. At time of report RU WL. Will RIH with 2.14 GR to make sure we can get down to where we want to cut. Then RIH and cut tbg just above 11,750' where we have a collar and tbg below cut to latch onto after we wash over fish again. – **09/29/2025**
  - d. TIH 306 jts 2 7/8 6.5# L-80 tbg for total of 366 jts tagged with 12' out on jt 366 placing shoe @ 11,748' LD jt 366. Rigging up swivel and BIW head at time of report. Then will break circ and start washing over fish. – **09/30/2025**
  - e. TIH 376 jts 2 7/8 6.5# L-80 tbg and tagged TOF 6' in on jt 11,743'. PU and pulled 15K over string wt. Sat back dwn and LD jt 376. PU 10' PJ PU didn't see wt gain. PU another 10' PJ RIH and stacked out on top sub. PU still no wt gain. Worked several more times. LD both 10' PJ's. Secure well. SDFN. No Accidents or Incidents reported. Tomorrow will TOO and look at grapple. Figure out our next move. – **10/01/2025**

- f. MU 5 1/2 AS1-X PKR and TIH 373 jts placing PKR @ 11,672'. Couldn't get PKR to set LD jt 373. Placing PKR @ 11,639' at got PKR set jt 372. Load csg with 40 bbls. Load tbq 14 bbls and psi up 700 psi with no leak off in 30 mins. Called and talked to Mr Long Vo engineer with BLM and let him know that we couldn't pump into any of the perms. He said to spot 25 sxs class H at TOF at 11,720'. WOC and Tag. Then proceed with the NOI procedure from step 7 on. Crew taking lunch at time of report. – **10/02/2025**
4. MU 4' x 2 7/8 perf sub. TIH 374 jts 2 7/8 6.5# L-80 tbq. PU 1 - 10' PJ and 1 - 6' pj tagged TOF @ 11720'. RU pmp and load hole 60 bbls and got circ. Plug #1 To cover Morrow and Atoka perms and tops. ( 11,720' - 11,494')Spot 25 sxs Class H cmt 15.6# / 1.18 yield, 5.25 bbls slurry =226' cmt. 3.09 bbls mix water. Disp 66 bbls brine. Plug Length 226' WOC/TAG BLM wanted to Woc 6 hrs on this plug. I wasn't going to argue with them. At time of report TOOH 80 jts. Then will secure well and SDFWE. – **10/03/2025**
5. TOOH 365 of 365 jts 2 7/8 6.5# L-80 tbq. RU JSI WL and RIH 4.240 "P" H-M Bridge Plug ( 4.580 - 5.047 ) Set @ 11,419'. POOH LD setting tools. MU PU logging tools and RIH log from CIBP to surface. RD WL. TIH with tbq at time of report. TIH 263 of 365 jts 2 7/8 6.5# L-80 tbq Leaving EOT @ 8219'. Secure well. SDFN. No Accidents or Incidents Reported. Tomorrow will finish TIH. Circ Mlf surf to surf. Test csg 500 psi then do bubble test. Then spot plug #2 52 sxs class H. Woc/Tag - **10/06/2025**
6. RIH to set CIBP at 11450, TAG, and pressure test at 500 psi for 30-minute.
  - a. TIH 102 jts 2 7/8 6.5# L-80 tbq PU 2- 10' PJ's and tagged CIBP @ 11,429'. Circ 241 bbls MLF surf to surf. SI csg and psi up 500 psi and bleeds off to 200 psi and stayes there. Called and talked to Gabriel Beneway w/BLM and let him know we didn't get good test. Said to go ahead and spot plug #2 Woc/Tag and then test again. – **10/07/2025**
7. RIH, top CIBP w/ 52 sx Class H on CIBP, 11450 to 11035 for CIBP, Strawn Formation.
  - a. Plug #2 To Cover Rule, Strawn perms & CIBP. ( 11,429'- 10,959' ) Spot 52 sx Class H cmt 15.6#, 1.18 yield, 10.93 bbls cmt= 470', 6.43 bbls mix water. Pump as follows:10 bbls FW spacer10.93 bbls cmt3.80 bbls FW spacer59.30 bbls MLF63.1 bbls total disp.Plug Length 470' WOC/TAG TOOH 60 of 365 jts 2 7/8 6.5# L-80 tbq. – **10/07/2025**
8. Pick up, set balanced plug w/ 25 sx Class H from 10325 to 10122 for Wolfcamp Formation.
  - a. Plug #3 To Cover Wolfcamp. ( 10,327'- 10,029' )Spot 33 sx Class H cmt 15.6#, 1.18 yield, 6.94 bbls cmt= 298', 4.09 bbls mix water. Pump as follows:10 bbls FW spacer6.94 bbls cmt3.80 bbls FW spacer53.70 bbls MLF57.5 bbls total disp. Plug Length 298' WOC/TAG TOOH 50 of 330 jts 2 7/8 6.5# L-80 tbq leaving 280 jts in hole placing EOT @ 8752'. Will tag TOC @ 12:30 MTN time. – **10/08/2025**
9. Pick up, set balanced plug w/ 25 sx Class H from 9741 to 9538 for DV Tool.
  - a. Plug #4 To Cover DV-Tool ( 9751'- 9507' ) Spot 27 sxs Class H cmt 15.6#, 1.18 yield, 5.67 bbls cmt= 244', 3.34 bbls mix water. Pump as follows:10 bbls FW spacer5.67 bbls cmt3.80 bbls FW spacer50.70 bbls MLF54.5 bbls total disp. Plug Length 244'

WOC/TAG TOO H 50 of 312 jts leaving 262 jts in hole placing EOT @ 8190'. –  
**10/08/2025**

10. Pick up, set balanced plug w/ 25 sx Class C from 6760 to 6508 for Bone Spring Formation.
  - a. Plug #5 To Cover Bone Springs ( 6762'- 6489' )Spot 27 sxs Class C cmt 14.8#, 1.32 yield, 6.35 bbls cmt= 273', 4.05 bbls mix water. Pump as follows:10 bbls FW spacer6.35 bbls cmt3.80 bbls FW spacer33.59 bbls MLF37.39 bbls total disp. Plug Length 273' No Tag Required. POOH LD 85 of 216 jts 2 7/8 6.5# L-80 tbg leaving 131 jts in hole.4092'. PU 10' PJ placing EOT @ 4102'. – **10/09/2025**
11. Pick up, set balanced plug w/ 25 sx Class C from 4100 to 3848 for 8.625" Shoe.
  - a. Plug #6 To Cover 8 5/8 Shoe. ( 4102'-3819' )
  - b. Spot 28 sxs Class C cmt 14.8#, 1.32 yield, 6.58 bbls cmt= 283', 4.2 bbls mix water.
  - c. Pump as follows:
  - d. 10 bbls FW spacer
  - e. 6.58 bbls cmt
  - f. 3.80 bbls FW spacer
  - g. 18.13 bbls MLF
  - h. 21.93 bbls total disp. – **10/09/2025**
12. Pick up, Perf & Sqz w/ 102 sx Class C from 1638 to 610 for 13.375" Shoe and R-111-P, WOC, TAG.
  - a. Plug #7 To Cover Spacer plug. ( 2531'- 2278' )
  - b. Spot 25 sxs Class C cmt 14.8#, 1.32 yield, 5.88 bbls cmt= 253', 3.75 bbls mix water.
  - c. Pump as follows:
  - d. 10 bbls FW spacer
  - e. 5.88 bbls cmt
  - f. 3.80 bbls FW spacer
  - g. 9.23 bbls MLF
  - h. 13 bbls total disp.
  - i. Plug Length 253' – **10/09/2025**
  - j. Plug #8 To Cover 13 3/8 Shoe, part of R-111-P ( 1938'- 1609' )Spot 32.5 sxs Class C cmt 14.8#, 1.32 yield, 7.64 bbls cmt= 329', 3.875 bbls mix water. Pump as follows:10 bbls FW spacer7.64 bbls cmt3.80 bbls FW spacer5.2 bbls MLF9 bbls total disp. Plug Length 329' – **10/10/2025**
  - k. TIH tag TOC @ 1612'. Text Kent Caffall let him know where we tagged TOC. He was good with tag. TOO H 62 of 62 jts at time of report. Then RU WL RIH perf at 1600' and try to establish circ up 8 5/8 casing. – **10/10/2025**
  - l. RU WL and lub with perf gun and RIH and perf @ 1600'. POOH all shots fired. RU pmp load hole 4 bbls and psi up 600 psi. Talked to Kent Caffall w/BLM said to go ahead and perf again @ 1500' and try again to establish circ. MU 2nd gun RIH and perf @ 1500'. POOH all shots fired. RU pmp 3 bbls and got circ up 8 5/8 1.5 BPM @ 500 psi. Will have to perf one more time @ 1500'. Wanted to perf again at 1500' but AOS didn't have another gun. So hand is running to Rig 5 to PU couple guns.. Will knock 2.5 hrs off rig time and vac truck time. MU perf gun RIH and perf again @ 1500'. POOH all shots fired. RU pmp and load hole 1 bbl got circ 3.5 bpm @ 30 psi. Let Kent Caffall no we got good



circ up 8 5/8. RD WL. At time of report laying dwn tbg. Then will ND BOP. NU adapter flange. Then squeeze cmt to surface. – **10/10/2025**

m. Plug #9 To cover perf holes and R-111-P ( 1600'- Surface' )

Spot 400 sxs Class C cmt 14.8#, 1.32 yield, 94.04 bbls = 4045' cmt, 60 bbls mix water

Total plug length 4045'. Clean pmp. RD manifold and iron. At time of report rigging dwn WOR. Will start moving to the Unocal AHU Federal #1 – **10/13/2025**

13. Cut off WH 3' below surface, verify cement to surface, and weld on below ground P&A marker.  
– **10/14/2025**

14. Cut off anchors 3' below surface and clean location.

Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 525117

CONDITIONS

Operator: EOG RESOURCES INC 5509 Champions Drive Midland, TX 79706	OGRID: 7377
	Action Number: 525117
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	12/17/2025