

Well Name: MYSTERY AYM FEDERAL	Well Location: T20S / R25E / SEC 33 / NWSW /	County or Parish/State: EDDY / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM108454	Unit or CA Name:	Unit or CA Number:
US Well Number: 300153254100X1	Well Status: Abandoned	Operator: EOG RESOURCES INCORPORATED

Accepted for record – NMOCD gc 12/8/2021

Subsequent Report

Sundry ID: 2645889

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 11/28/2021	Time Sundry Submitted: 02:00
Date Operation Actually Began: 11/02/2021	

Actual Procedure: Please see attached subsequent P&A. Thank you.

SR Attachments

Actual Procedure

Mystery\_AYM\_Federal\_1\_11\_28\_21\_20211128140020.pdf

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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.

<b>Operator Electronic Signature:</b> TINA HUERTA	<b>Signed on:</b> NOV 28, 2021 02:00 PM
<b>Name:</b> EOG RESOURCES INCORPORATED	
<b>Title:</b> Regulatory Specialist	
<b>Street Address:</b> 104 SOUTH FOURTH STREET	
<b>City:</b> Artesia	<b>State:</b> NM
<b>Phone:</b> (575) 748-4168	
<b>Email address:</b> tina_huerta@eogresources.com	

Field Representative

<b>Representative Name:</b>		
<b>Street Address:</b>		
<b>City:</b>	<b>State:</b>	<b>Zip:</b>
<b>Phone:</b>		
<b>Email address:</b>		

BLM Point of Contact

<b>BLM POC Name:</b> JAMES A AMOS	<b>BLM POC Title:</b> Acting Assistant Field Manager
<b>BLM POC Phone:</b> 5752345927	<b>BLM POC Email Address:</b> jamos@blm.gov
<b>Disposition:</b> Accepted	<b>Disposition Date:</b> 11/29/2021
<b>Signature:</b> James A. Amos	

**Mystery AYM Federal 1 – Sub P&A  
30-015-32541  
L-33-20S-25E**

11/2/21 - MIRU and NU BOP.

11/3/21 – Set a CIBP at 9406'. Tested to 500 psi, good.

11/4/21 – Spotted 25 sx Class H cement on top of CIBP to 9286', tagged. Rami Abdelhadi with BLM-Carlsbad witnessed tag and was good. Spotted a 25 sx Class H cement plug from 8832'-8612' calc TOC. No tag required. Spotted a 25 sx Class H cement plug from 8302'-8082' calc TOC. No tag required.

11/5/21 – Spotted a 37 sx Class C cement plug from 6825'-6452' calc TOC. No tag required. Perforated at 3486'. Pressure tested to 600 psi, good. Spotted a 40 sx Class C cement plug from 3536'-3176', tagged.

11/8/21 – Spotted a 25 sx Class C cement plug from 950'-698' calc TOC. No tag required. Perforated at 555'. Established injection rate. Squeezed with 25 sx Class C cement from 555'-275', tagged. Let Rami Abdelhadi with BLM-Carlsbad know and he was good with tag. Perforated at 100'. Established injection rate. Squeezed with 35 sx Class C cement from 100' and circulated up to surface in 5-1/2" and 9-5/8" casing. Gilbert Espinoza with BLM verified cement to surface by picture and was good.

11/10/21 - Cut off wellhead. Installed above ground dry hole marker as per BLM. Cover cellar and cut off anchors.

**WELL IS PLUGGED AND ABANDONED.**

# Mystery AYM Federal 1

Sec-TWN-RNG: Sec. 33-20S-25E  
FOOTAGES: 1980' FSL & 660' FWL

API: 30-015-32541  
GL: 3634  
KB: 3652

Plug 8

Plug 7

Plug 6

Plug 5

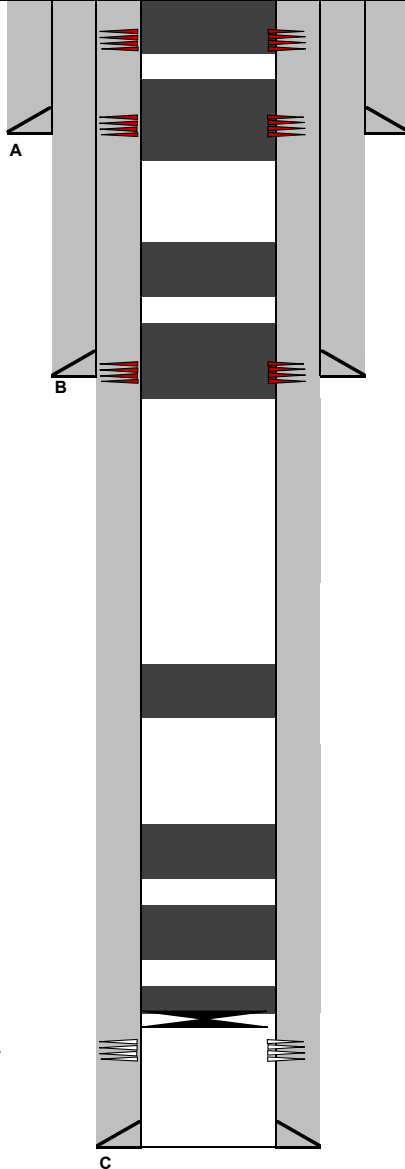
Plug 4

Plug 3

Plug 2

Plug 1

Existing Morrow Perfs: 9456' - 9622'



PBTD: 9,857 MD  
TD: 9,900 MD

## CASING DETAIL

#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt	Circ/TOC	TOC Method
A	17 1/2	13 3/8	48	H-40	0	432	600	Circ	
B	12 1/4	9 5/8	24	J-55	0	3,338	2026	Circ	
C	8 3/4	5 1/2	15.5	J-55/P-110	0	9,900	1200	Circ	

## FORMATION TOPS

	Formation	Top		Formation	Top		Formation	Top	
	SA	827		Canyon	8192				
	BS	3243		Strawn	8722				
	2nd BS	3436		Atoka	9118				
	3rd BS	6519		Morrow	9456				
	WC	6702							

## TUBING DETAIL

#	Joints	Description	Length	OD	ID	Grade	Wt (lb/ft):	Top (ftKB):	Btm (ftKB):
		2 7/8"							
		Packer @ 9236							

## PLUGS

#	SX	Class	Top	Bottom	Tag	Notes	
1	25	H	9286	9406	Y	CIBP	
2	25	H	8612	8832	N		
3	25	H	8082	8302	N		
4	37	C	6452	6825	N		
5	40	C	3176	3536	Y	Perforated	
6	25	C	698	950'	N		
7	25	C	275	555	Y	Perforated	
8	35	C	0	100	N	Perforated	

## PERFORATION DETAIL

	Formation	Top	Bottom						
	Morrow	9456	9622						

## ADDITIONAL DETAIL


12/6/21

**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 65046

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 65046
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	12/8/2021