

Well Name: FEDERAL HQ	Well Location: T20S / R22E / SEC 32 / NWNE /	County or Parish/State: EDDY / NM
Well Number: 3	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM21012	Unit or CA Name:	Unit or CA Number:
US Well Number: 300153570400X1	Well Status: Abandoned	Operator: EOG RESOURCES INCORPORATED

Accepted for record – NMOCD gc 9/21/2021

Subsequent Report

Sundry ID: 2631005

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 08/27/2021

Time Sundry Submitted: 08:10

Date Operation Actually Began: 07/12/2021

Actual Procedure: Please see attached. Thank you.

SR Attachments

Actual Procedure

Federal_HQ_3_8_27_21_20210827081008.pdf

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Operator: EOG RESOURCES INCORPORATED

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: TINA HUERTA

Signed on: AUG 27, 2021 08:10 AM

Name: EOG RESOURCES INCORPORATED

Title: Regulatory Specialist

Street Address: 104 SOUTH FOURTH STREET

City: Artesia

State: NM

Phone: (575) 748-4168

Email address: tina_huerta@eogresources.com

Field Representative

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: 08/30/2021

Signature: James A. Amos

Federal HQ 3 – Sub P&A

7/12/21 – MIRU and NU BOP. Set a CIBP at 9204 ft and soft tag.

7/13/21 – Displaced wellbore with 180 bbls freshwater. Spotted 25 sx Class H cement on top of CIBP to 9081 ft. Received verbal permission from Jim Amos with BLM-Carlsbad to perforate at 8832 ft and attempt to circulate casing. If successful, will chemical cut at 8832 ft and spot 25 sx Class H cement for plug 2. If cut is not successful, will need to call BLM.

7/19/21 – RIH to 8832 ft, jet cutter fired. Attempted to get pipe off slips with no luck. Rig up 2 inch hose to tubing to attempt to circulate well while waiting for new cut depth. Jim Amos with BLM-Carlsbad approved procedure to attempt to pump in first jet cutter depth 8832 ft, if unable to circulate casing, spot 25 sx for plug 2, if unable to circulate casing, permission to jet cutter at 8224 ft. Attempted to pump and circulate casing with no success, tubing held 1000 psi solid. RIH to 8224 ft and fire jet cutter, good indication cutter fired.

7/20/21 – Confirmed chemical cutter fired. Spotted a 35 sx Class H cement plug from 8224 ft – 7918 calc TOC. Kent Caffall with BLM-Carlsbad gave permission to pump 35 sx Class H cement. Tagged TOC 7862 ft, approved by Kent Caffall. Spotted a 25 sx Class C cement plug from 6787 ft – 6541 ft. Spotted a 25 sx Class C cement plug from 5659 ft – 5413 ft. Spotted a 25 sx Class C cement plug from 3973 ft – 3727 ft. Spotted a 25 sx Class C cement plug from 3215 ft – 2969 ft. Perforated at 1722 ft. Loaded casing and attempted to circulate. Pressured up to 600 psi and holding, bled off. Spotted a 50 sx Class C cement plug from 1772 ft – 1272 ft.

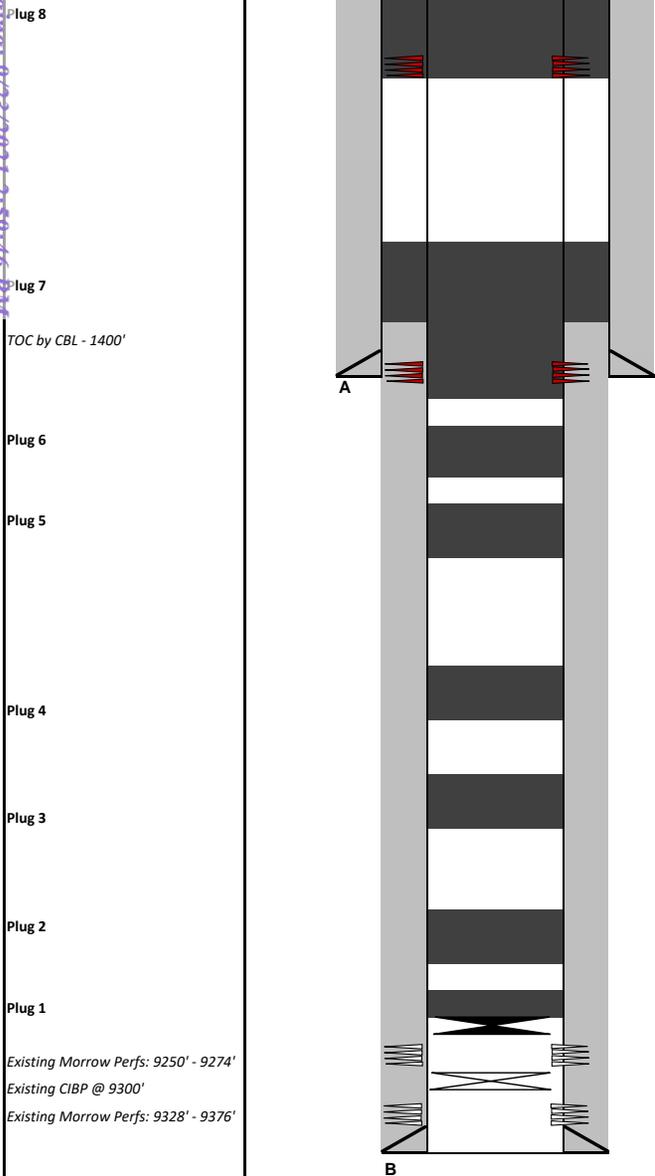
7/21/21 – Tagged TOC 1281 ft. Approved by Kent Caffall with BLM-Carlsbad. Perforated at 339 ft. Pressured up to 500 psi, holding good. Bled off. Spotted 52 sx Class C cement at 393 ft and circulated up to surface. Topped off well with cement.

8/6/21 - Cut off wellhead. Installed dry hole marker as per BLM. Cover cellar and cut off anchors. **WELL IS PLUGGED AND ABANDONED.**

Federal HQ 3

Sec-TWN-RNG: Sec. 32-20.5S-22E
 FOOTAGES: 1022' FNL & 2536' FEL

API: 30-015-35704
 GL: 4283
 KB:



TOC by CBL - 1400'

Existing Morrow Perfs: 9250' - 9274'
 Existing CIBP @ 9300'
 Existing Morrow Perfs: 9328' - 9376'

PBTD: 9,300 MD
 TD: 9,633 MD

CASING DETAIL

#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt	Circ/TOC	TOC Method
A	14 3/4	9 5/8	36	J-55	0	1,622	174	Surface	1"
B	8 3/4	5 1/2	15.5: 17	J-55	0	9,633	1875	1400	CBL

FORMATION TOPS

Formation	Top	Formation	Top	Formation	Top
San Andres	288	Wolfcamp	5536		
Glorieta	1430	Cisco	6664		
Upper Yeso	1672	Strawn	8114		
Tubb	3092	Atoka	8892		
Abo	3850	Morrow	9224		

TUBING DETAIL

#	Joints	Description	Length	OD	ID	Grade	Wt (lb/ft):	Top (ftKB):	Btm (ftKB):
		2-7/8" Tubing and packer						9,015	

PLUGS

#	SX	Class	Top	Bottom	Tag	Notes
1	25	H	9081	9204	N	CIBP
2	35	H	7862	8224	Y	
3	25	C	6541	6787	N	
4	25	C	5413	5659	N	
5	25	C	3727	3973	N	
6	25	C	2969	3215	N	
7	50	C	1281	1772	Y	Perforated
8	52	C	0	393	393	Perforated

PERFORATION DETAIL

Formation	Top	Bottom
Morrow	9250	9376

ADDITIONAL DETAIL

Existing CIBP @ 9300'

9/7/21

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 46556

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 46556
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	9/21/2021