

Well Name: FEDERAL GC	Well Location: T17S / R25E / SEC 32 / SESE /	County or Parish/State: EDDY / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM3603	Unit or CA Name: FEDERAL GC COM (ATOKA)	Unit or CA Number: NMNM72046
US Well Number: 300152183300X2	Well Status: Plugged and Abandoned	Operator: EOG RESOURCES INCORPORATED

Accepted for record – NMOCD gc 6/30/2021

Subsequent Report

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 06/15/2021	Time Sundry Submitted: 04:27
Date Operation Actually Began: 05/25/2021	
Actual Procedure: Please see attached.	

SR Attachments

Actual Procedure

Federal_GC_Com_1_6_15_21_20210615162729.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.

Operator Electronic Signature: TINA HUERTA

Signed on: JUN 15, 2021 04:27 PM

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: 06/24/2021

Signature: James A. Amos

Federal GC Com 1 – Sub P&A

5/25/21 – MIRU and NU BOP. Dropped 1.25 inch ceramic ball. Pumped 10 bbls and pressured up to 1500 psi. Set a CIBP at 8152 ft. Displaced 5-1/2 inch casing with 180 bbls brine gel mud. Attempted to test casing (established 2 BPM rate through leak). Spotted 40 sx Class H cement on top of CIBP to 7801 ft, tagged. Spotted a 25 sx Class H cement plug from 7627 ft – 7403 ft, tagged.

5/26/21 – Spotted a 60 sx Class C cement plug from 6650 ft – 6130 ft, tagged. Joe Salcido BLM-Carlsbad approved combining plugs and was on location to witness tag. Attempted to test 5-1/2 inch casing, failed. Isolate hole in casing.

5/27/21 – Isolated casing leak between 4873 ft - 4936 ft. Perforated at 5295 ft. Gravity squeeze with 38 sx Class C cement from 5347 ft – 5038 ft, tagged. Displaced with 18.85 bbls brine mud gel.

5/28/21 – Squeezed casing leak with 40 sx Class C cement from 4976 ft – 4572 ft. Displaced with 15.65 bbls brine mud gel. SI casing with 500 psi to squeeze.

6/1/21 – Tested 5-1/2 inch casing to 500 psi, good. Perforated at 4127 ft. Established full rate through perf. Squeezed with 35 sx Class C cement from 4127 ft – 3924 ft, tagged. Joe Salcido BLM-Carlsbad witnessed tag. Perforated at 2070 ft. Established full rate through perf.

6/2/21 – Squeezed with 30 sx Class C cement from 2070 ft - 1950 ft calc TOC. Tested 5-1/2 inch casing above plug, verifying cement above perf as per Joe Salcido BLM-Carlsbad. Squeezed with 60 sx Class C cement from 1160 ft - 631 ft, tagged. Perforated at 50 ft. Established full rate through perf. Squeezed with 15 sx Class C cement from 50 ft up to surface.

6/4/21 - Cut off wellhead. Installed dry hole marker as per BLM. Cover cellar and cut off anchors. **WELL IS PLUGGED AND ABANDONED.**

Federal GC Com 1		Sec-TWN-RNG: Sec. 32-17S-25E	API: 30-015-21833										
		FOOTAGES: 660' FSL & 660' FEL	GL: 3588										
		CURRENT	KB: 3604										
Plug 8	A	CASING DETAIL											
		#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt	Circ/TOC	TOC Method		
		A	17 1/2	13 3/8	42		0	274	175	Cir			
Plug 7	B	B	12 1/4	8 5/8	24	K-55	0	1,110	800	Cir	1" ed		
		C	7 7/8	5 1/2	17 & 15.5	KL & KS	5950	8334	500	5950	Temp Sur		
Plug 6		FORMATION TOPS											
			Formation	Top		Formation	Top		Formation	Top			
			San Andres	713		Cisco	6351		Morrow LS	8115			
Plug 5			Glorietta	2010		Penn	6501		Morrow CI	8183			
			Abo	4057		Strawn	7517		Chester	8350			
			Wolfcamp	5219		Atoka	7905						
Plug 4		TUBING DETAIL											
		#	Joints	Description	Length	OD	ID	Grade	Wt (lb/ft):	Top (ftKB):	Btm (ftKB):		
				Tubing	7853	2.375	1.995	J-55	4.6	0	7853		
TOC - 5959'		PERFORATION DETAIL											
			Formation	Depths									
		A	Woficamp	6276-6280									
Wolfcamp Perfs: 6276' 6280'	Plug 3	B	Permo-penn	6524-6600									
		C	Strawn	7854-7864									
		D	Atoka	8056-8102									
Permo-Penn Perfs: 6524' - 6600'		E	Morrow	8202-8232									
		Plug 2		PLUG DETAIL									
				Plug #	SX	CMT CLASS	TOP	BTM	Tag				
		1	40	H	7801	8152	Y	CIBP					
		2	25	H	7403	7627	Y						
		3	60	C	6130	6650	Y						
Plug 2		4	38	C	5038	5347	Y						
		5	35	C	3924	4127	Y						
		6	30	C	1950	2070	N						
Strawn Perfs: 7854' - 7864'		7	60	C	631	1160	Y						
		8	15	C	0	50	N						
				Squeezed casing leak with 40 sx Class C cement from 4976-4572.									
Atoka Perfs: 8056' - 8102'													
Plug 1													
Blanked Standing Valve at 8183'													
Morrow Perfs: 8202' - 8232'	C												
		PBTD:	8,292	MD									
		TD:	8,400	MD									

District I
1625 N. French Dr., Hobbs, NM 88240
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 33761

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 33761
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	6/30/2021