

Well Name: SAMUEL SMITH BIY FEDERAL COM	Well Location: T23S / R24E / SEC 32 / NESE /	County or Parish/State: EDDY / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM100831	Unit or CA Name: SAMUEL SMITH BIY FED COM1	Unit or CA Number: NMNM123339
US Well Number: 300153258100X1	Well Status: Abandoned	Operator: EOG RESOURCES INCORPORATED

Accepted for record – NMOCD gc 6/10/2021

Subsequent Report

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 06/02/2021	Time Sundry Submitted: 10:00
Date Operation Actually Began: 05/07/2021	
Actual Procedure: Please see attached.	

SR Attachments

Actual Procedure

Samuel_Smith_BIY_Federal_Com_1_6_2_21_20210602095941.pdf

Received by OCD: 6/4/2021 8:44:15 AM

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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 02, 2021 09:59 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: 06/03/2021
Signature: James A. Amos	

Samuel Smith BIY Federal Com 1 – Sub P&A

5/7/21 – MIRU and NU BOP. Set a CIBP at 10,296 ft. Tagged plug.

5/10/21 – Per Joe Salcido of BLM. Since PT passed and was witnessed by Joe Salcido he allowed the combination of plugs 1, 2 & 3 into a single 90 sx plug. Will spot and WOC overnight to assure cement is cured. Spotted a 90 sx Class H cement plug on top of CIBP to 9079 ft calc TOC. Required TOC at 9131 ft.

5/11/21 – Tagged TOC 8996 ft. Spoke with Joe Salcido BLM and he approved tag. Spotted a 25 sx Class H cement plug from 8887 ft – 8549 ft calc TOC, no tag. Perforated at 8067 ft. Pressure tested perf and held. Spotted a 25 sx Class H cement plug from 8117 ft – 7779 ft calc TOC, no tag. Perforated at 7703 ft. Pressure tested perf and held. Spotted a 25 sx Class H cement plug from 7753 ft – 7415 ft calc TOC.

5/12/21 – Perforated at 6006 ft. Pressure test failed. Squeezed with 25 sx Class C cement from 6006 ft – 5834 ft calc TOC, no tag. Perforated at 2834 ft. Pressure test failed. Squeezed with 75 sx Class C cement from 2834 ft – 2318 ft calc TOC.

5/13/21 – Tagged TOC 2339 ft. Required TOC at 2324 ft. Joe Salcido BLM approved tag. Perforated at 480 ft. Pressure test failed. Squeezed with 150 sx Class C cement from 480 ft up to surface in 4-1/2 inch, 7 inch and 9-5/8 inch annuli.

5/17/21 - Cut off wellhead. Installed dry hole marker as per BLM. Cover cellar and cut off anchors. **WELL IS PLUGGED AND ABANDONED.**

Samuel Smith BIY Fed Com #1			Sec-TWN-RNG: 32-T23S-R24E (Surf)		API: 30-015-32581				
			Sec-TWN-RNG: 33-T23S-R24E (BH)		GL: 4173				
Plug 7			FOOTAGES: 1400' FSL & 1170' FEL of Sec 32-T23S-R24E (Unit I)		KB: 4191				
			1000' FSL & 660' FWL of Sec 33-T23S-R24E (Unit M)						
CASING DETAIL									
#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt	Circ/TOC	TOC by
A	17 1/2"	13 3/8"	48#		0	430	450	Circ	Surface
B	12 1/4"	9 5/8"	36#		0	2382	871	Circ	Surface
C	8 3/4"	7"	26#		0	9,300	1385	Circ	Surface
D	6 1/8"	4 1/2"	11.6#		8400'	10,730	180	8400' by CBL	CBL
FORMATION TOPS									
		FORMATION	TOP			Formation	TOP		
		1st Bone Spring	2374						
		2nd Bone Spring	5956						
		3rd Bone Spring	7615						
		Wolfcamp	7978						
		Upper Penn	8718						
		Strawn	9328						
		Atoka	9768						
		Morrow	10221						
Perforation Detail									
		Formation	Top	Bottom		Treatment		Notes	
		Morrow	10,596'	10618		Acidize w/1000g 7 1/2% MSA acid & 147 ball sealers		Frac w/20,200# Ceramic 20/40 Sd	
		Morrow	10346	10,500'		Acidize w/2400g 7 1/2% MSA acid		Frac w/20,400# prop	
Plugs									
#	SX	Class	TOP	BTM	Tag				
1	90	H	8996	10,296	Y	CIBP			
2	25	H	8549	8887	N				
3	25	H	7779	8117	N				
4	25	H	7415	7753	N				
5	25	C	5834	6006	N				
6	75	C	2339	2834	Y				
7	150	C	0	480	N				
Tubing Detail									
	Joints	Description	Length	OD	ID	Grade	Top	Btm (FtKB)	
	319	2.375	10344	2.375	1.995	L-80	18	10344	
		R Nipple	1	2.375	1.875		10344	10346	
		Mule Guide Shoe	2	2.375	1.995		10346.00	10348	
ADDITIONAL DETAIL									
3/9/04	Started Dir Drilling at 2447'. Found hole in casing at 75'. TIH BP at 382'								
3/26/04	Picked up 2 jts 36# 9 5/8" and screw back into TOF. Casing didn't hold. Cut off 9 5/8 csg & weld 11" 5K wellhead with baseplate.								
	Place approx 30' frac sand on top of RBP. TIH Open ended to 250'. Cmt with 100 sx Class C w/add. Sqz 38 sx Class C w/add.								
	Cmt was brought to surf inside 9 5/8" csg then squeezed back thru communication thru kill line. Circ 3 sx back to cellar. Drilled cmt from 30-248'.								
Prepared by: DC									
PBTd: 10635'			MD		6/4/21				
TD: 10730'			MD						

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 30604

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 30604
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	6/14/2021