U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

03/22/2021

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: 300153258100S1

Well Status: Gas Well Shut In

Operator: EOG RESOURCES INCORPORATED

Accepted for record – NMOCD gc 4/19/2021

Notice of Intent

Type of Submission: Notice of Intent

Type of Action Plug and Abandonment

Date Sundry Submitted: 03/03/2021

Time Sundry Submitted: 02:04

Date proposed operation will begin: 06/01/2021

Procedure Description:

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Samuel_Smith_BIY_Federal_Com_1_Proposed_WBD_20210303140343.pdf

Samuel_Smith_BIY_Federal_Com_1_Current_WBD_20210303140326.pdf

Samuel_Smith_BIY_Federal_Com_1_NOI_Resubmit_20210303140251.pdf

Conditions of Approval

Specialist Review

Plugging_COA_and_Reclamation_20210322104012.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: HUERTA

Signed on: MAR 03, 2021 02:03 PM

Name: EOG RESOURCES INCORPORATED

Title: Regulatory Specialist

Street Address: 1111 BAGBY SKY LOBBY2

City: HOUSTON **State:** TX

Phone: (713) 651-7000

Email address:

Field Representative

Representative Name:

Street Address:

City: **State:** **Zip:**

Phone:

Email address:

BLM Point of Contact

BLM POC Name: ZOTA M STEVENS

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345998

BLM POC Email Address: ZSTEVENS@BLM.GOV

Disposition: Approved

Disposition Date: 03/22/2021

Signature: Zota Stevens

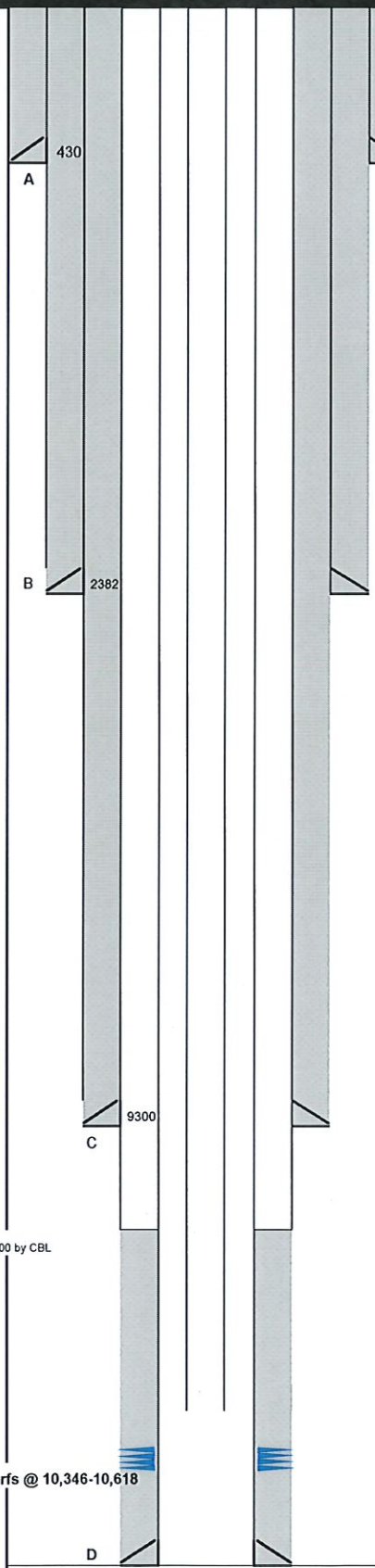
RESUBMIT NOI to P&A

EOG Resources, Inc. plans to plug and abandon this well as follows:

1. MIRU all safety equipment as needed. NU BOP. POOH with production equipment.
2. Set a CIBP at 10,296 ft with 35 ft Class H cement on top to 10,261 ft. WOC and tag. This will cover Morrow perfs.
3. Spot a 25 sx Class H cement plug from 9937 ft – 9599 ft. This will cover top Atoka.
4. Spot a 25 sx Class H cement plug from 9469 ft – 9131 ft. WOC and tag. This will cover top Strawn and 7 inch casing.
5. Spot a 25 sx Class H cement plug from 8887 ft – 8549 ft. This will cover top Penn.
6. Perforate at 8067 ft. Spot a 30 sx Class H cement plug from 8067 ft – 7888 ft. This will cover top Wolfcamp.
7. Perforate at 7703 ft. Spot a 29 sx Class H cement plug from 7703 ft – 7527 ft. This will cover top 3rd Bone Spring.
8. Perforate at 6006 ft. Spot a 25 sx Class C cement plug from 6006 ft – 5834 ft. This will cover top 2nd Bone Spring.
9. Perforate at 2834 ft. Spot a 72 sx Class C cement plug from 2834 ft – 2324 ft. WOC and tag. This will cover 1st Bone Spring and 9-5/8 inch casing.
10. Perforate at 480 ft. Spot a 69 sx Class C cement plug from 480 ft up to surface. Back fill as needed.
11. Cut off wellhead and install dry hole marker. Clean location as per regulated.

Wellbore schematics attached

Samuel Smith BIY Fed Com #1



PBTD: 10635' MD
TD: 10730' MD

Sec-TWN-RNG:	32-T23S-R24E (Surf)		API:	30-015-32581
Sec-TWN-RNG:	33-T23S-R24E (BH)		GL:	4173
FOOTAGES	1400' FSL & 1170' FEL of Sec 32-T23S-R24E (U		KB:	4191
	1000' FSL & 660' FWL of Sec 33-T23S-R24E (U			

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	10,221'		

Perforation Detail

	Formation	Top	Bottom	Treatment	Notes
A	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

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 baseplat	
	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'.	
3/1/2018	IDC Reports	Ran Gas Lift

Prepared by: DC

10/21/20

Samuel Smith BIY Fed Com #1

Sec-TWN-RNG:	32-T23S-R24E (Surf)	API:	30-015-32581
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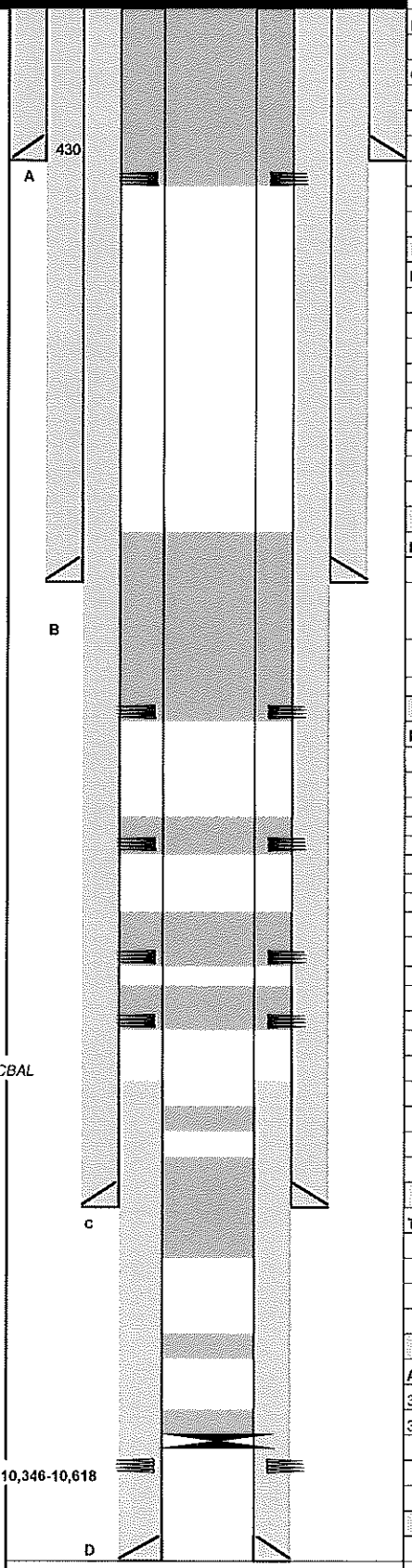
FOOTAGES	1400' FSL & 1170' FEL of Sec 32-T23S-R24E (Unit I)	KB:	4191
	1000' FSL & 660' FWL of Sec 33-T23S-R24E (Unit M)		

COMMENTS

9th Plug



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Perforation Detail

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Plugs

#	SX	CMT CLASS	TOP	BTM	Δ	DESCRIPTION	TAG
Plug #1	3	H	10261	10296	35	CIBP w/35' cmt Morrow perfs	Y
Plug #2	25	H	9599	9937	338	Atoka Top	N
Plug #3	25	H	9131	9469	338	Strawn Top and 2nd int FC	Y
Plug #4	25	H	8549	8887	338	Upper Pen top	N
Plug #5	30	H	7888	8067	179	WC top	N
Plug #6	29	H	7527	7703	176	3rd BS top	N
Plug #7	25	C	5834	6006	172	2nd BS top	N
Plug #8	72	C	2324	2834	510	1st BS & 1st Int FC	Y
Plug #9	69	C	0	480	480	Surface Plug	Y

Tubing Detail

Joints	Description	Length	OD	ID	Grade	Top	Btm (FtKB)
319	2.375	10344	2.375	1.995	L-80	18	10344
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Prepared by: DC

10/21/20

PBTD: 10635' MD

TD: 10730' MD

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 East Greene Street
Carlsbad, New Mexico 88220
575-234-5972

Permanent Abandonment of Federal Wells
Conditions of Approval

Failure to comply with the following Conditions of Approval may result in a Notice of Incidents of Noncompliance (INC) in accordance with 43 CFR 3163.1.

1. Plugging operations shall commence within **ninety (90)** days from the approval date of this Notice of Intent to Abandon.

If you are unable to plug the well by the 90th day provide this office, prior to the 90th day, with the reason for not meeting the deadline and a date when we can expect the well to be plugged. Failure to do so will result in enforcement action.

The rig used for the plugging procedure cannot be released and moved off without the prior approval of the authorized officer. Failure to do so may result in enforcement action.

2. **Notification: Contact the appropriate BLM office at least 24 hours prior to the commencing of any plugging operations. For wells in Chaves and Roosevelt County, call 575-627-0272; Eddy County, call 575-361-2822; Lea County, call 575-393-3612.**

3. Blowout Preventers: A blowout preventer (BOP), as appropriate, shall be installed before commencing any plugging operation. The BOP must be installed and maintained as per API and manufacturer recommendations. The minimum BOP requirement is a 2M system for a well not deeper than 9,090 feet; a 3M system for a well not deeper than 13,636 feet; and a 5M system for a well not deeper than 22,727 feet.

4. Mud Requirement: Mud shall be placed between all plugs. Minimum consistency of plugging mud shall be obtained by mixing at the rate of 25 sacks (50 pounds each) of gel per 100 barrels of **brine** water. Minimum nine (9) pounds per gallon.

5. Cement Requirement: Sufficient cement shall be used to bring any required plug to the specified depth and length. Any given cement volumes on the proposed plugging procedure are merely estimates and are not final. Unless specific approval is received, no plug except the surface plug shall be less than 25 sacks of cement. Any plug that requires a tag will have a minimum WOC time of 4 hours.

In lieu of a cement plug across perforations in a cased hole (not for any other plugs), a bridge plug set within 50 feet to 100 feet above the perforations shall be capped with 25 sacks of cement. If a bailer is used to cap this plug, 35 feet of cement shall be sufficient. **Before pumping or bailing cement on top of CIBP, tag will be required to verify depth. Based on depth, a tag of the cement may be deemed necessary.**

Unless otherwise specified in the approved procedure, the cement plug shall consist of either Neat Class "C", for up to 7,500 feet of depth or Neat Class "H", for deeper than 7,500 feet plugs.

6. Dry Hole Marker: All casing shall be cut-off at the base of the cellar or 3 feet below final restored ground level (whichever is deeper). **The BLM is to be notified a minimum of 4 hours prior to the wellhead being cut off to verify that cement is to surface in the casing and all annuluses. Wellhead cut off shall commence within ten (10) calendar days of the well being plugged. If the cut off cannot be done by the 10th day, the BLM is to be contacted with justification to receive an extension for completing the cut off.**
The well bore shall then be capped with a 4-inch pipe, 10-feet in length, 4 feet above ground and embedded in cement, unless otherwise noted in COA (requirements will be attached). The following information shall be permanently inscribed on the dry hole marker: well name and number, name of the operator, lease serial number, surveyed location (quarter-quarter section, section, township and range or other authorized survey designation acceptable to the authorized officer such as metes and bounds).

7. Subsequent Plugging Reporting: Within 30 days after plugging work is completed, file one original and three copies of the Subsequent Report of Abandonment, Form 3160-5 to BLM. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. **Show date well was plugged.**

8. Trash: All trash, junk and other waste material shall be contained in trash cages or bins to prevent scattering and will be removed and deposited in an approved sanitary landfill. Burial on site is not permitted.

Following the submission and approval of the Subsequent Report of Abandonment, surface restoration will be required. See attached reclamation objectives.

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Carlsbad Field Office
620 E. Greene St.
Carlsbad, New Mexico 88220-6292
www.blm.gov/nm

TAKE PRIDE IN AMERICA

In Reply Refer To: 1310

Reclamation Objectives and Procedures

Reclamation Objective: Oil and gas development is one of many uses of the public lands and resources. While development may have a short- or long-term effect on the land, successful reclamation can ensure the effect is not permanent. During the life of the development, all disturbed areas not needed for active support of production operations should undergo "interim" reclamation in order to minimize the environmental impacts of development on other resources and uses. At final abandonment, well locations, production facilities, and access roads must undergo "final" reclamation so that the character and productivity of the land and water are restored.

The long-term objective of final reclamation is to set the course for eventual ecosystem restoration, including the restoration of the natural vegetation community, hydrology, and wildlife habitats. In most cases this means returning the land to a condition approximating or equal to that which existed prior to the disturbance. The final goal of reclamation is to restore the character of the land and water to its pre-disturbance condition. The operator is generally not responsible for achieving full ecological restoration of the site. Instead, the operator must achieve the short-term stability, visual, hydrological, and productivity objectives of the surface management agency and take steps necessary to ensure that long-term objectives will be reached through natural processes.

To achieve these objectives, remove any and all contaminants, scrap/trash, equipment, pipelines and powerlines (**Contact service companies, allowing plenty of time to have the risers and power lines and poles removed prior to reclamation, don't wait till the last day and try to get them to remove infrastructure**). Strip and remove caliche, contour the location to blend with the surrounding landscape, re-distribute the native soils, provide erosion control as needed, rip and seed as specified in the original APD COA. This will apply to well pads, facilities, and access roads. Barricade access road at the starting point. If reserve pits have not reclaimed due to salts or other contaminants, submit a plan for approval, as to how you propose to provide adequate restoration of the pit area.

1. The Application for Permit to Drill or Reenter (APD, Form 3160-3), Surface Use Plan of Operations must include adequate measures for stabilization and reclamation of disturbed lands. Oil and Gas operators must plan for reclamation, both interim and final, up front in the APD process as per Onshore Oil and Gas Order No. 1.

2. For wells and/or access roads not having an approved plan, or an inadequate plan for surface reclamation (either interim or final reclamation), the operator must submit a proposal describing the procedures for reclamation. For interim reclamation, the appropriate time for submittal would be when filing the Well Completion or Recompletion Report and Log (Form 3160-4). For final reclamation, the appropriate time for submittal would be when filing the Notice of Intent, or the Subsequent Report of Abandonment, Sundry Notices and Reports on Wells (Form 3160-5). Interim reclamation is to be completed within 6 months of well completion, and final reclamation is to be completed within 6 months of well abandonment.

3. The operator must file a Subsequent Report Plug and Abandonment (Form 3160-5) following the plugging of a well.

4. Previous instruction had you waiting for a BLM specialist to inspect the location and provide you with reclamation requirements. If you have an approved Surface Use Plan of Operation and/or an approved Sundry Notice, you are free to proceed with reclamation as per approved APD. If you

have issues or concerns, contact a BLM specialist to assist you. It would be in your interest to have a BLM specialist look at the location and access road prior to the removal of reclamation equipment to ensure that it meets BLM objectives. Upon conclusion submit a Form 3160-5, Subsequent Report of Reclamation. This will prompt a specialist to inspect the location to verify work was completed as per approved plans.

5. The approved Subsequent Report of Reclamation will be your notice that the native soils, contour and seedbed have been reestablished. If the BLM objectives have not been met the operator will be notified and corrective actions may be required.

6. It is the responsibility of the operator to monitor these locations and/or access roads until such time as the operator feels that the BLM objective has been met. If after two growing seasons the location and/or access roads are not showing the potential for successful revegetation, additional actions may be needed. When you feel the BLM objectives have been met submit a Final Abandonment Notice (FAN), Form 3160-5, stating that all reclamation requirements have been achieved and the location and/or access road is ready for a final abandonment inspection.

7. At this time the BLM specialist will inspect the location and/or access road. If the native soils and contour have been restored, and the revegetation is successful, the FAN will be approved, releasing the operator of any further liability of the location and/or access road. If the location and/or access road have not achieved the objective, you will be notified as to additional work needed or additional time being needed to achieve the objective.

If there are any questions, please feel free to contact any of the following specialists:

Jim Amos
Supervisory Petroleum Engineering Tech
575-234-5909 (Office), 575-361-2648 (Cell)

Arthur Arias
Environmental Protection Specialist
575-234-6230

Crisha Morgan
Environmental Protection Specialist
575-234-5987

Melissa Horn
Environmental Protection Specialist
575-234-5951

Kelsey Wade
Environmental Protection Specialist
575-234-2220

Trishia Bad Bear, Hobbs Field Station
Natural Resource Specialist
575-393-3612

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 21559

CONDITIONS OF APPROVAL

Operator:			OGRID:	Action Number:	Action Type:
EOG RESOURCES INC	P.O. Box 2267	Midland, TX79702	7377	21559	C-103F

OCD Reviewer	Condition
gcordero	None