

Well Name: SALT GRASS WS FEDERAL	Well Location: T14S / R27E / SEC 26 / NESE /	County or Parish/State: CHAVES / NM
Well Number: 1	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM38476	Unit or CA Name: SALT GRASS WS FEDERAL COM	Unit or CA Number: NMNM72472
US Well Number: 300056194500S1	Well Status: Producing Gas Well	Operator: EOG RESOURCES INCORPORATED

Accepted for record – NMOCD gc 6/18/2021

Notice of Intent

Type of Submission: Notice of Intent	Type of Action Plug and Abandonment
Date Sundry Submitted: 06/14/2021	Time Sundry Submitted: 11:00
Date proposed operation will begin: 07/05/2021	
Procedure Description: Please see attached. Thank you.	

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Salt_Grass_WS_Federal_Com_1_6_14_21_20210614105737.pdf

Conditions of Approval

Specialist Review

Conditions_of_Approval_20210614134447.pdf

General_Conditions_of_Approval_20210614134446.pdf

Well Name: SALT GRASS WS FEDERAL	Well Location: T14S / R27E / SEC 26 / NESE /	County or Parish/State: CHAVES / NM
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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 14, 2021 10:57 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: JENNIFER SANCHEZ

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5756270237

BLM POC Email Address: j1sanchez@blm.gov

Disposition: Approved

Disposition Date: 06/14/2021

Signature: Jennifer Sanchez

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 8210 ft with 25 sx Class H cement on top to 8148 ft. WOC and tag.
3. Set a CIBP at 8077 ft with 25 sx Class H cement on top to 7897 ft. WOC and tag. This will cover Morrow.
4. Spot a 25 sx Class H cement plug from 7665 ft – 7495 ft. This will cover Strawn top.
5. Spot a 25 sx Class H cement plug from 7465 ft – 7295 ft. This will cover Lower Canyon top.
6. Spot a 25 sx Class C cement plug from 7001 ft – 6841 ft. This will cover Cisco top.
7. Spot a 25 sx Class C cement plug from 6154 ft – 5994 ft. This will cover Wolfcamp top.
8. Perforate at 5800 ft. Spot a 40 sx Class C cement plug from 5800 ft – 5650 ft. WOC and tag. This will cover TOC.
9. Perforate at 5040 ft. Spot a 40 sx Class C cement plug from 5040 ft – 4900 ft. WOC and tag. This will cover Abo top.
10. Perforate at 2400 ft. Spot a 50 sx Class C cement plug from 2400 ft – 2200 ft. This is a spacer plug.
11. Perforate at 1605 ft. Spot a 50 sx Class C cement plug from 1605 ft – 1405 ft. WOC and tag. This will cover casing shoe and San Andres top.
12. Perforate at 350 ft. Spot a 25 sx Class C cement plug from 350 ft – 250 ft. WOC and tag. This will cover casing shoe.
13. Perforate at 100 ft. Spot a 25 sx Class C cement plug from 100 ft up to surface. Back fill as needed.
14. Cut off wellhead and install dry hole marker. Clean location as per regulated.

Wellbore schematics attached

Salt Grass WS Federal Com 1 Current

 Sec-TWN-RNG: 26-14S-27E
 FOOTAGES: 1980'FSL & 660'FEL

 API: 30-005-61945
 GL: 3444
 KB:

CASING DETAIL

#	HOLE SIZE	SIZE	WGHT	GRADE	Top	Bottom	Sx Cmt	Circ/TOC	TOC Method
A	17 1/2	13 3/8	48	J-55	0	300	325	Circ	
B	12 1/4	8 5/8	24	J-55	0	1,550	1920	Circ	
C	7 7/8	5 1/2	15.5,17	J-55,K-55	0	8,460	625	5800	Temp Survey

FORMATION TOPS

	Formation	Top		Formation	Top
	San Andres	1460			
	Abo	4970			
	Wolfcamp	6074			
	Cisco	6921			
	L Canyon	7380			
	Strawn	7580			
	Atoka	7950			
	Morrow	8058			
	Mississippian	8291			

#	Joints	Description	Length	OD	ID	Grade	Wt (lb/ft):	Top (ftKB):	Btm (ftKB):
		2 7/8" Tubing and packer						8,090	

RBP above perfs 8354-8364

Cement Retainer at 8220 ?

Perforation Detail

	Formation	Top	Bottom	Treatment
A	Mississippian	8,354	8,364	Acidize w/2000g 15% NE acid, N2 and ball sealers
B	Morrow	8,235	8,287	Acidize w/4000g 7-1/2% MSA acid, N2 and ball sealers
				Squeezed w/75 sx Class H cement
C	Morrow	8,127	8,148	No treatment

Prepared by: TH

A

B

C

TOC 5800

Perf C

Perf B

Perf A

PBD: 8,220 MD

TD: 8,460 MD

Sec-TWN-RNG:	26-14S-27E	API:	30-005-61945
FOOTAGES:	1980'FSL & 660'FEL	GL:	3444
		KB:	

[illegible]

		Formation	Top			Formation	Top	
		San Andres	1460					
		Abo	4970					
		Wolfcamp	6074					
		Cisco	6921					
		L Canyon	7380					
		Strawn	7580					
		Atoka	7950					
		Morrow	8058					
		Mississippian	8291					

[illegible]

Prepared by: TH

PBTD:	8,220	MD
TD:	8,460	MD

Prepared by: TH

**Salt Grass WS Federal 1
30-005-61945
EOG Resources Incorporated
June 14, 2021
Conditions of Approval**

- 1. Operator shall place CIBP at 8,210' and places 25 sx of Class H cement on top as proposed. WOC and TAG.**
- 2. Operator shall place CIBP at 8,077' (50'-100' above top most perf) and places 25 sx of Class H cement on top. WOC and TAG.**
- 3. Operator shall place a balanced Class H cement plug from 7,665'-7,495' as proposed.**
- 4. Operator shall place a balanced Class H cement plug from 7,465'-7,295' as proposed.**
- 5. Operator shall place a balanced Class C cement plug from 7,001'-6,841' as proposed.**
- 6. Operator shall place a balanced Class C cement plug from 6,154'-5,994' to seal the top of the Wolfcamp as proposed.**
- 7. Operator shall perf and squeeze at 5,800'. Operator shall place a balanced Class C cement plug from 5,800'-5,650' as proposed. WOC and TAG.**
- 8. Operator shall perf and squeeze at 5,040'. Operator shall place a balanced Class C cement plug from 5,040'-4,900' to seal the top of the Abo. WOC and TAG.**
- 9. Operator shall perf and squeeze at 2,400'. Operator shall place a balanced Class C cement plug from 2,400'-2,200' as proposed. WOC and TAG.**
- 10. Operator shall perf and squeeze at 1,600'. Operator shall place a balanced Class C cement plug from 1,600'-1,500' to seal the 8-5/8" casing shoe. WOC and TAG.**
- 11. Operator shall perf and squeeze at 350'. Operator shall place a balanced Class C cement plug from 350'-250' to seal the 13-3/8" casing shoe. WOC and TAG.**
- 12. Operator shall perf and squeeze at 100'. Operator shall place a balanced Class C cement plug from 100'- surface as proposed.**

13. See Attached for general plugging stipulations.

JAM 06142021

BUREAU OF LAND MANAGEMENT
Roswell Field Office
2909 W. Second Street
Roswell, New Mexico 88201
575-627-0272

General Requirements for Plug Backs

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 this approval.

If you are unable to plug back 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 back. Failure to do so will result in enforcement action.

2. **Notification:** Contact the appropriate BLM office at least 24 hours prior to the commencing of any plug back operations. Call 575-627-0205.

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.

Before pumping 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. **Subsequent Plug back Reporting:** Within 30 days after plug back work is completed, file one original and three copies of the Subsequent Report, Form 3160-5 to BLM. The report should give in detail the manner in which the plug back 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 work was completed.**

7. **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.

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 31948

CONDITIONS

Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702	OGRID: 7377
	Action Number: 31948
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	6/18/2021