

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

## Sundry Print Report

12/09/2022

Well Name: SAM FEDERAL	Well Location: T15S / R30E / SEC 28 / NWNW / 32.99246 / -103.937649	County or Parish/State: CHAVES / NM
Well Number: 1	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM32409	Unit or CA Name:	Unit or CA Number:
US Well Number: 300050051200S1	Well Status: Producing Oil Well	Operator: MACK ENERGY CORPORATION

Accepted for record – NMOCD gc 12/19/2022

## Notice of Intent

Sundry ID: 2706607

Type of Submission: Notice of Intent

Type of Action: Plug and Abandonment

Date Sundry Submitted: 12/09/2022

Time Sundry Submitted: 09:37

Date proposed operation will begin: 12/15/2022

**Procedure Description:** 1. Set 4 1/2 CIBP @ 8485'. Circ hole w/ MLF. Pressure test csg. Spot 25 sx @ 8485-8185'. 2. Perf & Sqz 30 sx cmt @ 6575-6475' (Abo) 3. Perf & Sqz 30 sx cmt @ 3050-2950'. WOC & Tag (8 5/8 & San Andres) 4. Perf & Sqz @ 1565-1465'. WOC & Tag (Yates, B/Salt) 5. Perf & Sqz 80 sx @ 530' to surface. (13 3/8" Shoe) 6. Cut off wellhead, verify cmt @ surface, Weld on DHM.

## Surface Disturbance

Is any additional surface disturbance proposed?: No

## NOI Attachments

## Procedure Description

Sam\_Federal\_1\_\_Proposed\_NOI\_20221209093442.pdf

Sam\_Federal\_1\_\_Proposed\_WBD\_20221209093442.pdf

Sam\_Federal\_1\_\_Current\_WBD\_20221209093442.pdf

**Well Name:** SAM FEDERAL**Well Location:** T15S / R30E / SEC 28 /  
NWNW / 32.99246 / -103.937649**County or Parish/State:**  
CHAVES / NM**Well Number:** 1**Type of Well:** OIL WELL**Allottee or Tribe Name:****Lease Number:** NMNM32409**Unit or CA Name:****Unit or CA Number:****US Well Number:** 300050051200S1**Well Status:** Producing Oil Well**Operator:** MACK ENERGY  
CORPORATION**Conditions of Approval****Specialist Review**

General\_Conditions\_of\_Approval\_20221209133001.pdf

Conditions\_of\_Approval\_20221209133001.pdf

**Operator**

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

**Operator Electronic Signature:** DELILAH FLORES**Signed on:** DEC 09, 2022 09:35 AM**Name:** MACK ENERGY CORPORATION**Title:** Regulatory Technician 1**Street Address:** 11344 LOVINGTON HWY**City:** ARTESIA**State:** NM**Phone:** (575) 748-1288**Email address:** DELILAH@MEC.COM**Field****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:** 12/09/2022**Signature:** Jennifer Sanchez

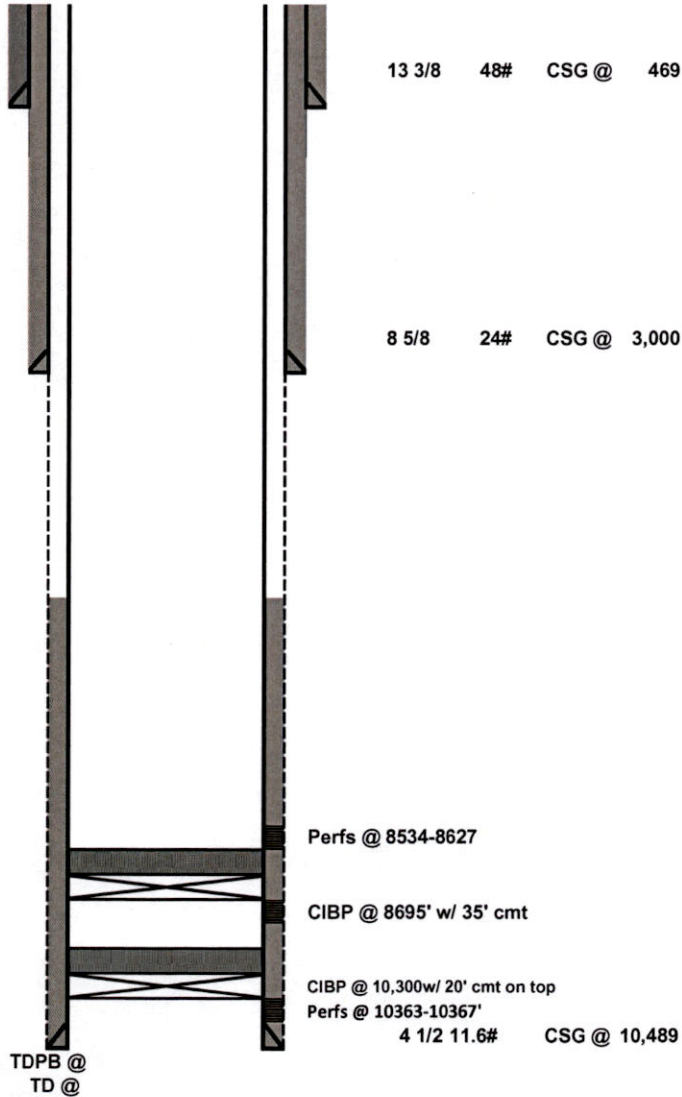
## Plug Abandonment NOI Proposed

<b>OPERATOR NAME:</b>	Mack Energy Corporation
<b>LEASE NO.:</b>	NMNM32409
<b>WELL NAME &amp; NO.:</b>	Sam Federal #1
<b>US WELL NUMBER:</b>	30-005-00512
<b>LOCATION:</b>	Sec 28, T15S,R30E
<b>COUNTY:</b>	Chaves, NM

1. Set 4 1/2 CIBP @ 8485'. Circ hole w/ MLF. Pressure test csg. Spot 25 sx @ 8485-8185'.
2. Perf & Sqz 30 sx cmt @ 6575-6475' (Abo)
3. Perf & Sqz 30 sx cmt @ 3050-2950'. WOC & Tag (8 5/8 & San Andres)
4. Perf & Sqz @ 1565-1465'. WOC & Tag (Yates, B/Salt)
5. Perf & Sqz 80 sx @ 530' to surface. (13 3/8" Shoe)
6. Cut off wellhead, verify cmt @ surface, Weld on DHM.

Mack Energy		CURRENT	
Author:	Abby BCM	Well No.	#1
Well Name	Sam Fed	API #:	30-005-00512
Field/Pool	Wildcat	Location:	Sec 28, T15S, R30E
County	Chaves		660 FNL & 330 FWL
State	NM	GL:	4012
Spud Date	1/12/1986		

Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	13 3/8		48#	469	17 1/2	600	0
Inter Csg	8 5/8		24#	3,000	12	1,100	0
Prod Csg	4 1/2		11.6#	10,489	7 7/8	700	8,300

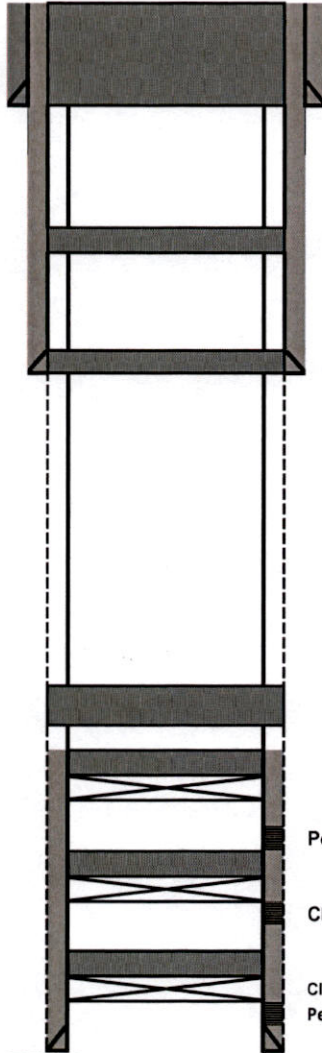


Formation	Top
Yates	1515
San Andres	2970
Glorieta	4427
Tubb	5740
Abo	6525
Wolfcamp	7880
Atoka	9808
Chester	10360



Mack Energy		PROPOSED	
Author:	Abby BCM	Well No.	#1
Well Name	Sam Fed	API #:	30-005-00512
Field/Pool	Wildcat	Location:	Sec 28, T15S, R30E
County	Chaves		660 FNL & 330 FWL
State	NM	GL:	4012
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Description	O.D.	Grade	Weight	Depth	Hole	Cmt Sx	TOC
Surface Csg	13 3/8		48#	469	17 1/2	600	0
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Prod Csg	4 1/2		11.6#	10,489	7 7/8	700	8,300



13 3/8 48# CSG @ 469  
5. Perf & Sqz 80 sx @ 530' to surface. (13 3/8" Shoe)

4. Perf & Sqz @ 1565-1465'. WOC & Tag (Yates, B/Salt)

8 5/8 24# CSG @ 3,000  
3. Perf & Sqz 30 sx cmt @ 3050-2950'. WOC & Tag (8 5/8 & San Andres)

2. Perf & Sqz 30 sx cmt @ 6575-6475' (Abo)

1. Set 4 1/2 CIBP @ 8485'. Circ hole w/ MLF. Pressure test csg. Spot 25 sx @ 8485-8185'.  
Perfs @ 8534-8627

CIBP @ 8695' w/ 35' cmt

CIBP @ 10,300w/ 20' cmt on top  
Perfs @ 10363-10367'

4 1/2 11.6# CSG @ 10,489

TDPB @  
TD @

Formation	Top
Yates	1515
San Andres	2970
Glorieta	4427
Tubb	5740
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Wolfcamp	7880
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Sam Federal 1  
30-005-00512  
Mack Energy Corporation  
December 9, 2022  
Conditions of Approval

1. Operator shall place CIBP at 8,484' (50'-100' above top most perf) and place 25 sx of class H cement on top as proposed. WOC and TAG.
2. Operator shall perf at 7,960' and squeeze class H cement to 7,780' to seal the top of the Wolfcamp Formation. WOC and TAG.
3. Operator shall perf at 6,610' and squeeze class C cement to 6,440' to seal the top of the Abo Formation. WOC and TAG.
4. Operator shall perf at 4,502' and squeeze class C cement to 4,352' to seal the top of the Glorietta Formation. WOC and TAG.
5. Operator shall perf at 3,050' and squeeze class C cement to 2,920' to seal the top of the San Andres Formation and the 8-5/8" casing shoe. WOC and TAG.
6. Operator shall perf at 1,565' and squeeze class C cement to 1,450' to seal the Top of the Yates Formation. WOC and TAG.
7. Operator shall perf at 660' and squeeze class C cement to surface to seal the Top of the Salt Formation and the 13-3/8" shoe. WOC and TAG.
8. Dry hole marker must be below ground.
9. Surface reclamation will need to be completed once the well bore has been plugged. Please contact [rflores@blm.gov](mailto:rflores@blm.gov) for additional information.
10. See Attached for general plugging stipulations.

JAM 12092022

**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 90<sup>th</sup> day provide this office, prior to the 90<sup>th</sup> 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 166478

**CONDITIONS**

Operator: MACK ENERGY CORP P.O. Box 960 Artesia, NM 882110960	OGRID: 13837
	Action Number: 166478
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

**CONDITIONS**

Created By	Condition	Condition Date
gcordero	Test casing 500psi/ 30minutes. Run CBL. - Tag cement after spot. Tag cement after squeeze. Perf/spot cement 7930' - 7630', T of Wolfcamp. Spot/perf cement 4497' - 4197', T of Glorieta. Spot 25 sacks cement 2732' - 2400' Old injection perforations.	12/19/2022