

Well Name: ROSA UNIT	Well Location: T31N / R6W / SEC 22 / SENE / 36.88827 / -107.44457	County or Parish/State: RIO ARRIBA / NM
Well Number: 18C	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078766	Unit or CA Name: ROSA UNIT, ROSA UNIT--DK, ROSA UNIT--MV	Unit or CA Number: NMNM78407A, NMNM78407B, NMNM78407E
US Well Number: 3003930131	Operator: LOGOS OPERATING LLC	

Notice of Intent

Sundry ID: 2846179

Type of Submission: Notice of Intent	Type of Action: Other
Date Sundry Submitted: 04/09/2025	Time Sundry Submitted: 08:49
Date proposed operation will begin: 04/09/2025	

Procedure Description: Well was isolated with CR @ 6892' and BP @ 8000' due to offset Mancos drilling. LOGOS Operating, LLC request to drill out bridge plug and return well to production. See attached operations procedure and wellbore schematic.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Rosa\_Unit\_18C\_Return\_to\_Production\_20250409084908.pdf

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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: ETTA TRUJILLO

Signed on: APR 09, 2025 08:50 AM

Name: LOGOS OPERATING LLC

Title: Regulatory Specialist

Street Address: 2010 AFTON PLACE

City: FarmingtonState: NM

Phone: (505) 324-4154

Email address: ETRUJILLO@LOGOSRESOURCESLLC.COM

Field

Representative Name:

Street Address:

City:State:Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Approved

Disposition Date: 04/10/2025

Signature: Kenneth Rennick



## WELLBORE ISOLATION/PRESSURE MONITORING-NMOCD (2024)

**Rosa Unit 18C**  
**30-039-30131**  
**1490' FNL & 990' FEL**  
**Section 22, T31N, R06W**  
**Rio Arriba, New Mexico**  
**LAT: 36.8883438° N LONG: -107.4445648° W**  
**Mesaverde/Mancos/Dakota**

### **PROJECT OBJECTIVE:**

The Rosa Unit 18C is immediately offsetting LOGOS Rosa Pad 9 and 10 new well completions. In order to preserve wellbore integrity and protect the remaining reserves of the well, it is recommended to isolate the wellbore and actively monitor pressure via downhole gauge for a total well observation period of 9-12 months.

### **WORKOVER PROCEDURE:**

1. Hold safety meeting. MIRU workover rig. Place fire and safety equipment in strategic locations. Comply with all LOGOS, BLM, and NMOCD rules and regulations.
2. Lay flow lines. Check and record casing and tubing pressures. Sell pressure down to line. Kill well if necessary.
3. Nipple down wellhead and nipple up BOP.
4. TOOH and stand back tubing.
5. Set bridge plug within 50' of the Dakota perforations.
6. TIH and set cement retainer at ~6892'.
7. RIH with pressure gauge and tubing and sting into retainer.
8. Leave well shut in during offset completions and post completions for pressure monitoring.
9. Once adequate pressure monitoring data has been collected, TOOH with tubing and laydown pressure gauge.
10. Trip in hole and mill out cement retainer and bridge plug.
11. Run 2-3/8" tubing and return the well to production.



### Proposed Return to Production Wellbore Schematic

Well Name:	Rosa Unit 18C
Location:	Sec 22, T31N, R06W 1490' FNL & 990' FEL
County:	Rio Arriba
API #:	30-039-30131
Co-ordinates:	Lat 36.8883438° Long -107.4445648°
Elevations:	GROUND: 6258'
	KB: 6272'
Depths (KB):	PBTD: 8146'
	TD: 8156'

Date Prepared:	9/14/2024	K.Moss
Reviewed By:	6/12/2024	Peace
Last Updated:		
Spud Date:	6/7/2009	
Completion Date:	8/24/2009	
Last Workover Date:	11/4/2021	

## DEVIATED "S" WELL

**Well Log Summary**

**Surface Casing:** 10-3/4" J-55 40.5#  
7 jts set at 315'  
300 sx  
Circ to surface

**Intermediate Casing:** 7-5/8", 26.4#, K-55  
97 jts set at 3813'  
655 sxs  
Circ to surface

**Production Casing:** 5-1/2", 17#, N-80  
212 jts set @ 8156'  
380 sx  
TOC @ 3380' CBL

**Wellbore Data:**

Depth (ft)	Hole Size	Formation	Notes
315'	14-3/4"	TOC at surface (circ)	
2.38" @ 517'	13.19" @ 702'		
9-7/8"	322'-3822'		
22" @ 856'			
25.25" @ 1075'			
32.13" @ 1455'			
30" @ 2052'			
26" @ 2523'			
16" @ 2899'			
10.5" @ 3275'			
TOC at 3380' per CBL			
8" @ 3590'			
0.9" @ 3715'			
6-3/4"	3822'-8156'		

**Formations:**

Formation	Depth (ft)
Pictured Cliffs-	3350'
Lewis-	3667'
Cliffhouse-	5528'
Menefee-	5577'

**Additional Notes:**

- 4/2010- Tagged fill at 8091' & C/O to PBTD at 8146' w/ air package & Land tbg at 8078'
- 6/2011- Tagged fill at 8110' & C/O to PBTD at 8146' // Re-run same tbg string
- 4/2/2019- Slickline, tagged at 8047' w/ IB, nothing on face but possible scale on sides.
- RIH w/ smaller IB tagged sand at 8048'. Set 3-slip stop @ 7048' Perf tbg w/ 3 shots
- 11/4/2021- Tagged fill at 8082'. Scan tbg (159Y, 70B, 14G, 8R). Jt 232 had punched hole.
- Jts 250, 251, SN, & btm jt were plugged w/ scale & sand. Tbg had lite scale. CO hard packed sand to 8146'. TOOH & LD bit. TIH w/ prod tbg, tagged 8026'. CO w/ air pkg to 8146'. Land tbg at 8057'.

**Well Completion Data:**

Well	Depth (ft)	Formation	Notes
Lewis/CH/Men	5297'-5740'		
PLO	5815'-6123'		
Upper MC	6942'-7209'		
Lower MC	7271'-7428'		
Dakota	8049'-8122'		

**Well Completion Summary:**

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PBTD - 8146'			
TD - 8156'			

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Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 450804

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 450804
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Notify OCD 24 hrs prior to the commencement of operations.	4/18/2025
ward.rikala	Submit report of operations once work has been completed.	4/18/2025