

Well Name: ROSA UNIT	Well Location: T31N / R5W / SEC 20 / SWSE / 36.879939 / -107.381639	County or Parish/State: RIO ARRIBA / NM
Well Number: 17A	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078764	Unit or CA Name: ROSA UNIT--MV	Unit or CA Number: NMNM78407A
US Well Number: 300392627200S1	Operator: LOGOS OPERATING LLC	

Notice of Intent

Sundry ID: 2843221

Type of Submission: Notice of Intent

Date Sundry Submitted: 03/25/2025

Date proposed operation will begin: 04/28/2025

Type of Action: Mechanical Integrity Test

Time Sundry Submitted: 08:52

Procedure Description: LOGOS Operating requests permission to perform an MIT on subject well per attached procedure and wellbore schematic.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Rosa\_Unit\_17A\_\_\_MECHANICAL\_INTEGRITY\_TEST\_with\_WBS\_20250325085138.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: MAR 25, 2025 08:53 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: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Approved

Disposition Date: 03/25/2025

Signature: Matthew Kade



## **MECHANICAL INTEGRITY TEST**

**Rosa Unit 17A**  
**30-039-26272**  
**790' FSL & 1450' FEL**  
**Sec 20, T31N, R05W**  
**Rio Arriba County, New Mexico**  
**Lat 36.8799362° Long -107.3816147°**

### **PROJECT OBJECTIVE:**

Top off the 7" intermediate casing from cement top at 3535' to surface with packer fluid. Rig up chart recorder and conduct mechanical integrity test.

### **WORKOVER PROCEDURE:**

1. Contact regulatory to ensure test has been scheduled with BLM & NMOCD.
2. Hold safety meeting. Comply with all LOGOS, BLM, and NMOCD rules and regulations.
3. Top off the 7" intermediate casing from cement top at 3535' to surface with packer fluid at least 24 hours before the pressure test.
6. Call out chart recorder.
7. RU chart recorder to chart pressure test as follows:
  - **Top off with packer fluid, if needed**
  - **Record pressure on 1 hour chart with 560 psig for 30 minutes with a 1000-pound spring**
  - **Contact engineer with results of pressure test**
8. Bleed off pressure.
9. Release chart recorder.

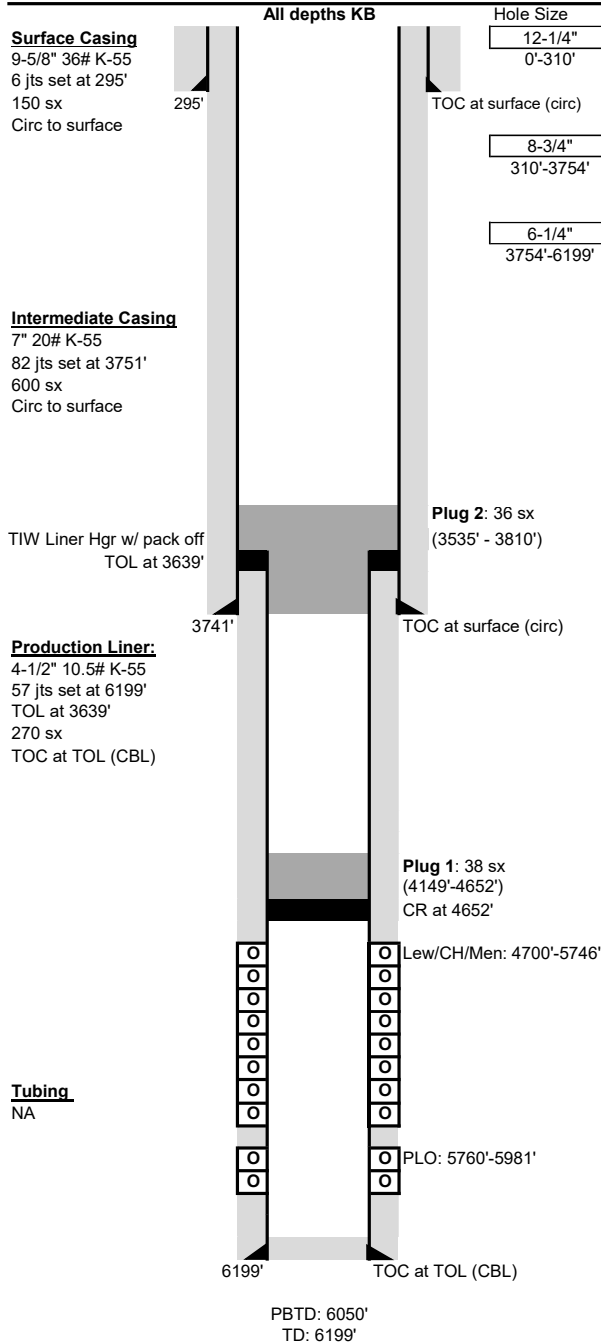


## Wellbore Schematic

Well Name: Rosa Unit 17A  
 Location: O-20-31N-05W 790' FSL & 1450' FEL  
 County: Rio Arriba, NM  
 API #: 30-039-26272  
 Co-ordinates: Lat 36.8799362, Long -107.3816147 NAD1983  
 Elevations: GROUND: 6412'  
 KB: 6426'  
 Depths (KB): PBD: 6050'  
 TD: 6199'

Date Prepared: 10/24/2024 Moss  
 Reviewed By: Mar 17, 2025  
 Last Updated:  
 Spud Date: 5/26/2000  
 Completion Date: 7/10/2000  
 Last Workover Date: 4/14/2009

## VERTICAL WELLBORE



**Surface Casing: (5/27/2000)**  
 Drilled a 12-1/4" surface hole to 310'. Set 6 jts 9-5/8", 36#, K-55 csg at 295'.  
 Cmt'd w/ 150 sx Type III cmt (209 cf). Circ 16 bbls cmt to surface.

**Intermediate Casing: (5/31/2000)**  
 Drilled a 8-3/4" intermediate hole to 3754'. Set 82 jts & 1 19' sub 7", 20#, K-55 csg at 3751'.  
 Cmt'd w/ 430 sx Type III 65/35 poz cmt w/ 8% gel (902 cf). Tailed w/ 170 sx Type III cmt (235 cf). Circ 10 bbls cmt to surface.

**Production Liner: (6/3/2000)**  
 Drilled a 6-1/4" production hole to 6199'. Set 57 jts 4-1/2", 10.5#, K-55 csg at 6199'.  
 Set TIW 4-1/2" x 7" liner hanger at 3639'. Cmt'd w/ 80 sx Class H 50/50 poz cmt w/ 4% gel (118 cf). Tailed w/ 190 sx Class H 50/50 poz cmt w/ 4% gel (277 cf).  
 Set pack off & circulated 18 bbls cmt. TOC at TOL per CBL (6/6/2000).

**Tubing:** Length (ft)  
 KB 14  
 NA - pulled in 2009

**Artificial Lift:**  
 NA

**Perforations: (07/2000)**  
**Lew/CH/Men: (4700'-5746')** 1 SPF. 32, 0.38" holes. 4700', 10, 18, 4820', 25, 29, 78, 5270', 88, 5333', 5443, 5507', 09, 11, 42, 57, 60, 63, 66, 69, 92, 97, 5600', 03, 05, 10, 13, 16, 86, 5736', 38, 5746'. Acidized w/ 1000 gal 15% HCL.  
 Frac w/ 80,000# 20/40 Az sand in 1895 bbls slickwater.

**PLO: (5760'-5981')** 1 SPF. 30, 0.38" holes. 5760', 63, 67, 69, 73, 75, 81, 83, 87, 93, 98, 5803', 06, 09, 11, 13, 15, 29, 32, 34, 39, 41, 45, 56, 60, 79, 84, 88, 5916', 5981'.  
 Acidized w/ 1000 gal 15% HCL. Frac w/ 79,840# 20/40 Az sand in 2099 bbls slickwater.

Formations:	MD	
Nacimiento	1340'	Lewis 3736'
Ojo Alamo	2530'	Cliff House 5504'
Kirtland	2680'	Menefee 5534'
Fruitland	3040'	Point Lookout 5761'
Pictured Cliffs	3310'	

**Additional Notes:**  
**07/2000** Initial completion. Completed the MV. Set 2-3/8" tbg at 5919'.  
**3/7/2008-3/22/2008** Swabbed on well for 11 days. Swabbed back 200+ bbls and fluid level remained at ~3100'.  
**4/1/2008** Slickline work. RIH w/ 1.906 gauge ring to SN at 5880'. RIH w/ 1.25 drive down bailer & tagged 6009' SLD, aprx 26' below bottom perf.  
**04/2009** Plugged back MV as follows:  
 Plug 1: Set CR at 4652', spot 38 sx Class B cmt from 4652' to 4149'.  
 Plug 2: Spot 36 sx Class B cmt from 3810' to 3528'. Tagged TOC at 3535'.  
 Pressure tested csg/plug 2 to 800#, held.

Max deviation 1.5° at 4971'

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

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/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 445437

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 445437
	Action Type: [C-103] NOI Temporary Abandonment (C-103I)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	Notify NMOCD 24 hours prior to moving on - bradenhead test required prior to MIT day of MIT	4/21/2025