

Well Name: ROSA UNIT	Well Location: T31N / R4W / SEC 31 / SENE / 36.85929 / -107.29144	County or Parish/State: RIO ARRIBA / NM
Well Number: 601	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078777	Unit or CA Name: ROSA UNIT	Unit or CA Number: NMNM78407E
US Well Number: 3003930916	Operator: LOGOS OPERATING LLC	

Subsequent Report

Sundry ID: 2877392

Type of Submission: Subsequent Report

Type of Action: Other

Date Sundry Submitted: 10/07/2025

Time Sundry Submitted: 10:05

Date Operation Actually Began: 08/21/2025

Actual Procedure: 8/21 - 8/22/2025 - MIRU. ND WH. NU BOP. Test BOP. Good test. TIH w/3-3/4" mill, Tag CIBP at 6875'. SIW, SDFWE. 8/25 - 8/27/2025 - RU swivel. Circulate. Drill out CIBP @ 6875'. Tag plug remains at 8336'. TOOH lay down mill. TIH w/245jts tubing, J-55, 6.5#, landed at 7718', SN at 7716'. ND BOP. NU WH. RDMO. Subject well was temporarily abandoned, return to production.

SR Attachments

Actual Procedure

Rosa_Unit_601_Wellbore_Schematic_20251007090517.pdf

Well Number: 601	Well Location: T31N / R4W / SEC 31 / SENE / 36.85929 / -107.29144	County or Parish/State: RIO ARRIBA / NM
Lease Number: NMSF078777	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
US Well Number: 3003930916	Unit or CA Name: ROSA UNIT	Unit or CA Number: NMNM78407E
	Operator: LOGOS OPERATING LLC	

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:** OCT 07, 2025 10:06 AM

Name: LOGOS OPERATING LLC

Title: Regulatory Specialist

Street Address: 2010 AFTON PLACE

City: FARMINGTON **State:** 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: Accepted **Disposition Date:** 10/29/2025

Signature: Kenneth Rennick

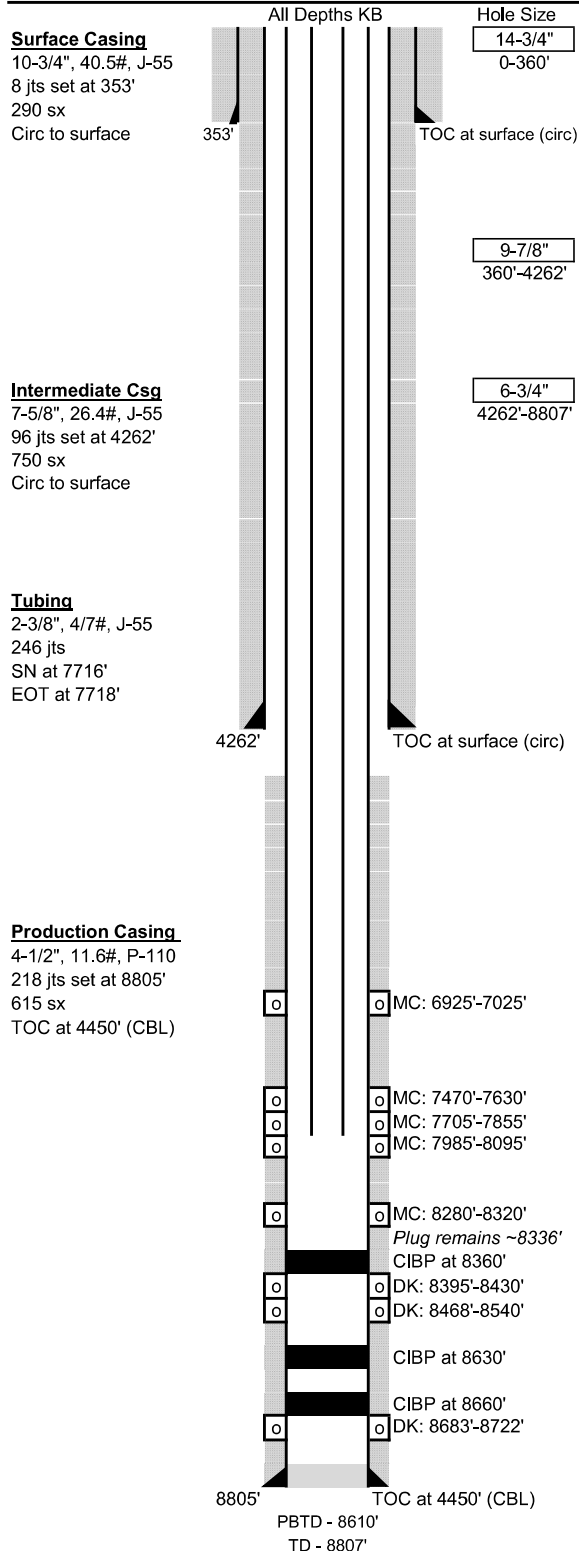


Wellbore Schematic

Well Name: Rosa Unit 601
 Location: Sec 31, T31N, R04W 1475' FNL & 1220' FEL
 County: Rio Arriba
 API #: 30-039-30916
 Co-ordinates: Lat 36.8592567 Long -107.2913742
 Elevations: GROUND: 6963'
 KB: 6977'
 PBTD: 8610'
 TD: 8807'

Date Prepared: 10/2/2018
 Last Updated: 8/28/2025 Gomez
 Reviewed by:
 Spud Date: 9/13/2010
 Completion Date: 5/2/2011
 Last Workover: 8/21/2025

VERTICAL WELLBORE



Surface Casing: (9/14/2010)
 Drilled a 14-3/4" surface hole to 360'. Set 8 jts 10-3/4", 40.5#, J-55 casing at 353'.
 Cmt w/ 290 sx Type III cmt (522 cf, 1.8 yield, 13.5 ppg). Circ 50 bbls cmt to surface.

Intermediate Casing: (9/30/2010)
 Drilled a 9-7/8" intermediate hole to 4262'. Set 96 jts 7-5/8", 26.4#, J-55 casing at 4262'.
 Cmt w/ 650 sx Extendacem (1748 cf, 2.69 yield, 11.5 ppg). Tailed w/ 100 sx Prem cmt (118 cf, 1.18 yield, 15.6 ppg). Circ 108 bbl cmt to surface.

Production Casing: (10/20/2010)
 Drilled a 6-3/4" production hole to 8807'. Set 218 jts 4-1/2", 11.6#, P-110 casing at 8805'.
 FC at 8779'. Cmt w/ 615 sx Fraccem (861 cf, 1.4 yield, 13.1 ppg). TOC at 4450' (CBL).

Tubing:	Length (ft)
KB	14
(245) 2-3/8" 4.7# J-55 tubing joints	7668
(1) 2-3/8" marker joint (2')	2
(1) 2-3/8" 4.7# J-55 tubing joint	33
(1) 1.78" seat nipple	1
(1) 1/2 muleshoe expendable check	0
Landed at:	7718

Perforations: (04/2011)
MC (6925'-7025') - 33, 0.34" holes. Acidized w/ 1064 gal 15% FE acid.
 Frac w/ 7500# 100 mesh & 99,900# 30/70 mesh
MC (7470'-7630') - 39, 0.34" holes. Acidized w/ 1071 gal 15% FE acid.
 Frac w/ 7500# 100 mesh & 139,400# 40/70 mesh
MC (7705'-7855') - 42, 0.34" holes. Acidized w/ 1003 gal 15% FE acid.
 Frac w/ 7660# 100 mesh & 130,050# 30/70 mesh
MC (7985'-8095') - 36, 0.34" holes. Acidized w/ 1001 gal 15% FE acid.
 Frac w/ 7640# 100 mesh & 61,545# 30/50 mesh
MC (8280'-8320') - 27, 0.34" holes. Acidized w/ 1015 gal 15% FE acid.
 Frac w/ 5200# 100 mesh & 80,200# 30/50 mesh
DK (8395'-8430') - 24, 0.34" holes. Acidized w/ 904 gal 15% FE acid. No stim, pressured out at 6950#
DK (8468'-8540') - 3 SPF. 48, 0.34" holes. Acidized w/ 1120 gal 15% FE acid.
 Frac w/ 4961# 100 mesh & 101,529# 40/70 mesh Ottawa
DK (8683'-8722') - 3 SPF. 27, 0.34" holes. Wet zone, did not stim.

Formations:			
Ojo Alamo-	3209'	Mancos-	6738'
Pictured Cliffs-	3786'	Graneros-	8328'
Cliffhouse-	6000'	Dakota-	8467'
Point Lookout-	6217'		

Additional Notes:
04/2011 Initial completion. Perf'd DK 8683'-8722', wet zone, didn't stim. Set CIBP at 8660'.
 Perf'd DK 8468'-8540'. Set pkr at 8582' to test CIBP at 8660', would not hold. Set 2nd CIBP at 8630'. Frac'd 2nd DK stage. Perf'd 3rd DK stage, but couldn't stim due to pressure limitations, pressured out at 6950#. Only 1 DK stage successfully completed. Perf'd & stim'd 5 MC stages. Milled out a total of 6 CIBP's from completions down to new PBTD at 8610'. Set 2-3/8" tbg at 8524'.
10/2013 TA DK due to excessive water production. Set CIBP at 8348'. Pressure test to 700#, held. Set 2-3/8" tbg at 7862' & returned to production as MC only.
04/2017 TA'd wellbore. TOOH & LD tbg. Set CIBP at 6875'. Tested csg to 590# for 30 min. 0 leak off.
08/28 Returned the MCS to production. Milled out the CIBP at 6875' to 8336' and installed 2-3/8" tubing to 7718'

*Vertical wellbore w/ max deviation of 2.5° at 4950'

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 522500

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 522500
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	None	11/10/2025