

Well Name: ROSA UNIT	Well Location: T31N / R5W / SEC 34 / NESE / 36.852936 / -107.344086	County or Parish/State: RIO ARRIBA / NM
Well Number: 55	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078773	Unit or CA Name:	Unit or CA Number:
US Well Number: 300392092300S1	Operator: LOGOS OPERATING LLC	

Notice of Intent

Sundry ID: 2857039

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 06/10/2025

Time Sundry Submitted: 06:33

Date proposed operation will begin: 06/10/2025

Procedure Description: LOGOS Operating request permission to isolate the wellbore for subject well, until it is determined to either plug and abandon or return well to production. See isolation procedure attached.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Rosa_Unit_55_Isolation_Procedure_20250610063241.pdf

Well Name: ROSA UNIT

Well Location: T31N / R5W / SEC 34 / NESE / 36.852936 / -107.344086

County or Parish/State: RIO ARRIBA / NM

Well Number: 55

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMSF078773

Unit or CA Name:

Unit or CA Number:

US Well Number: 300392092300S1

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: JUN 10, 2025 06:34 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: Approved

Disposition Date: 06/10/2025

Signature: Kenneth Rennick



Isolation Procedure

Rosa Unit 55

API: 30-039-20923

PROJECT OBJECTIVE:

The tubing and packer will be removed and a CICR set above the Dakota perforations. A CBL will be run from the CICR to surface. The CICR will remain in place until it is determined whether to plug and abandon or return the well to production.

WORKOVER PROCEDURE:

1. Hold safety meeting. MIRU workover rig. Place fire and safety equipment in strategic locations. Comply with all LOGOS, BLM, Forest Service, and NMOCD rules and regulations.
2. Lay flow lines. Check and record casing and tubing pressures. Sell pressure down to line and kill well if necessary.
3. Nipple down wellhead and nipple up BOP.
4. Release tubing and pull out of packer. TOOH and LD tubing.
5. Pick up work string and run in hole with packer plucker to retrieve Model D packer at 8001'. TOOH with plucker assembly and LD packer.
6. Set a CICR ~50' above Dakota perforations at ~8010'.
7. RU wireline and run a CBL in the 4-1/2" casing from the CICR at ~8010' to surface.
8. Rig down and move off location, leaving well isolated.

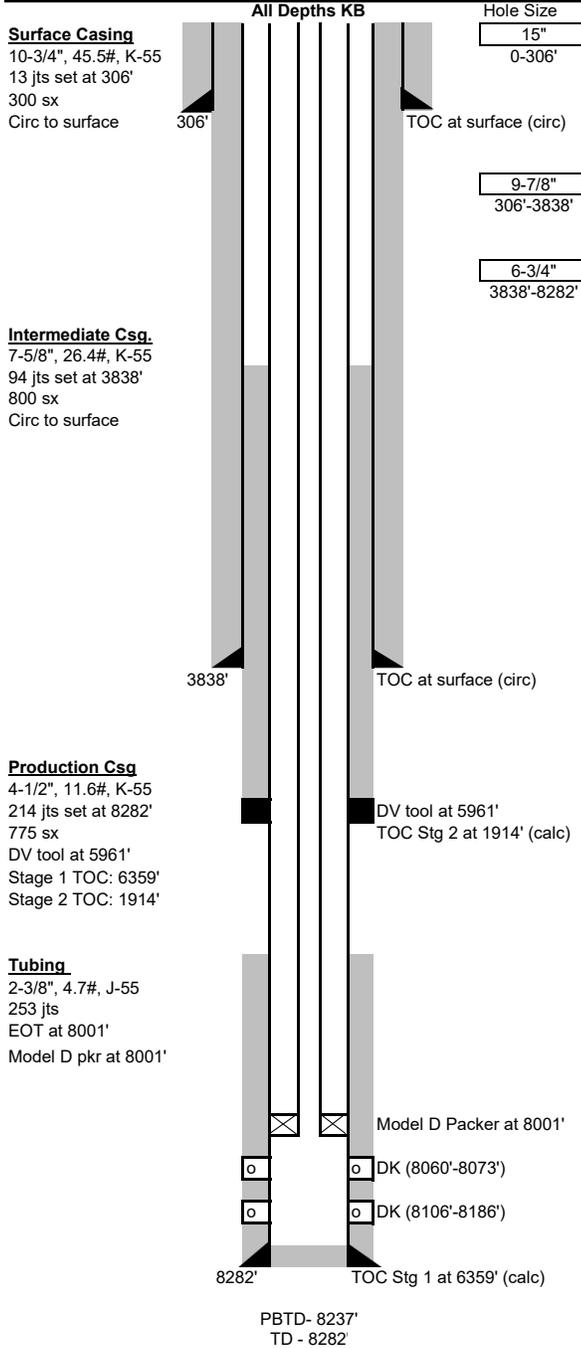


Wellbore Schematic

Well Name: Rosa Unit 55
 Location: UL I, Sec 34, T31N, R5W 1510' FSL & 1170' FEL
 County: Rio Arriba
 API #: 30-039-20923
 Co-ordinates: Lat: 36.8529892 Long: -107.3445587 NAD83
 Elevations: GROUND: 6576'
 KB: 6589'
 Depths (KB): PBDT: 8237'
 TD: 8282'

Date Prepared: 9/9/2019 Moss
 Last Updated: 3/20/2025 Moss
 Reviewed By: Mar 28, 2025 *Shane Sullivan*
 Spud Date: 7/28/1974
 Completion Date: 10/25/1974
 Last Workover Date: _____

VERTICAL WELLBORE



Surface Casing: (7/28/1974)
 Drilled a 15" surface hole to 306'. Set 13 jts 10-3/4", 45.5#, K-55 casing at 306'.
 Cmt w/ 300 sx Class A cmt (15.8 ppg). Circ 157 sx to surface.

Intermediate Casing: (8/10/1974)
 Drilled a 9-7/8" intermediate hole to 3838'. Set 94 jts 7-5/8", 26.4#, K-55 casing at 3838'.
 Cmt lead w/ 750 sx Class B 50/50 poz cmt w/ 6% gel (13.3 ppg) tailed w/ 50 sx Class B cmt (15.6 ppg). Circ 30 sx cmt to surface.

Production Casing (8/21/1974)
 Drilled 6-3/4" production hole to 8282'. Set 214 jts 4-1/2", 11.6#, K-55 casing at 8282'.
 DV tool at 5961'.
 1st Stage: Cmt lead w/ 200 sx Class B 50/50 poz w/ 6% gel (13.3 ppg). Tailed w/ 50 sx Cmt tail w/ 50 sx Class B cmt (15.5 ppg).
 TOC at 6359' per calc (assuming 1.48 yld & 1.16 yld & 75% eff.)
 2nd Stage: Cmt lead w/ 425 sx Class B 50/50 poz x/ 6% gel (13.3 ppg). Tailed w/ 100 sx Class B cmt (15.6 ppg).
 TOC at 1914' per calc (assuming 1.48 yld & 1.16 yield & 75% eff.)

Tubing: (9/11/1974)	Length (ft)
KB	13
(1) 2-3/8" 4.7# J-55 8rd EUE tbj jt	31
(4) 2-3/8" pup jts (8', 4', 3', 2')	17
(252) 2-3/8" 4.7# J-55 8rd EUE tbj jts	7930
(1) Model D Packer w/ 3 seal units	9
Set at:	8001 ft

Artificial Lift:
 NA

Perforations:
U DK (8060'-8073'): 4 SPF. Acidized w/ 500 gal 15% HCL. Frac w/ 10,000# 40/60 sand & 50,200# 20/40 sand in unknown volume of My-T-Frac fluid.
L DK (8106'-8186'): 8106'-13', 8124'-34, 8143'-63', 8180'-86' at 2 SPF. Acidized w/ 2000 gal 15% HCL. Frac w/ 10,000# 40/60 sand, 50,200# 20/40 sand in 37,500 My-T-Frac fluid.

Formations:			
Nacimiento	1268'	Mesaverde	5616'
Ojo Alamo	2685'	Mancos	5950'
Kirtland	2875'	Gallup	7216'
Fruitland	3311'	Dakota	8056'
Pictured Cliffs	3400'		

Additional Notes:
09/1974 Initial completion. Drilled & completed DK. 2-3/8" tubing was set at 8001' with a Model D packer on bottom. (EOT depth corrected to 13' KB, reported at 7990' w/o KB).

No recorded workovers since completion.

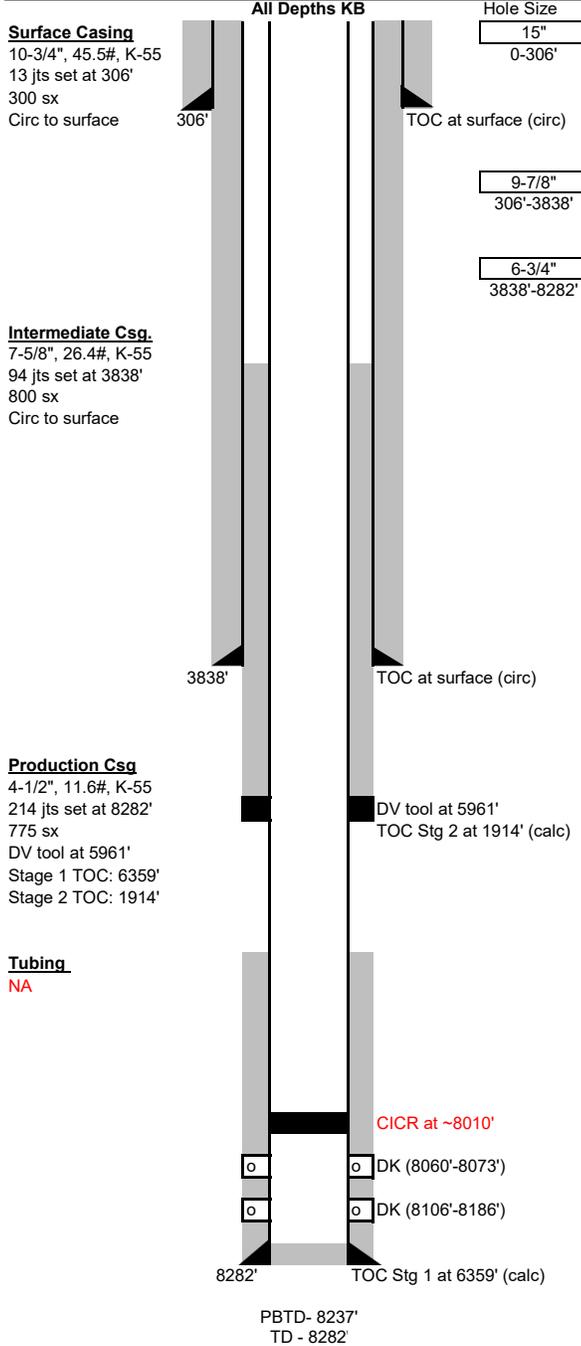


Proposed Wellbore Schematic

Well Name: Rosa Unit 55
 Location: UL I, Sec 34, T31N, R5W 1510' FSL & 1170' FEL
 County: Rio Arriba
 API #: 30-039-20923
 Co-ordinates: Lat: 36.8529892 Long: -107.3445587 NAD83
 Elevations: GROUND: 6576'
 KB: 6589'
 Depths (KB): PBTD: 8237'
 TD: 8282'

Date Prepared: 9/9/2019 Moss
 Last Updated: 3/20/2025 Moss
 Reviewed By:
 Spud Date: 7/28/1974
 Completion Date: 10/25/1974
 Last Workover Date:

VERTICAL WELLBORE



Surface Casing: (7/28/1974)
 Drilled a 15" surface hole to 306'. Set 13 jts 10-3/4", 45.5#, K-55 casing at 306'.
 Cmt w/ 300 sx Class A cmt (15.8 ppg). Circ 157 sx to surface.

Intermediate Casing: (8/10/1974)
 Drilled a 9-7/8" intermediate hole to 3838'. Set 94 jts 7-5/8", 26.4#, K-55 casing at 3838'.
 Cmt lead w/ 750 sx Class B 50/50 poz cmt w/ 6% gel (13.3 ppg) tailed w/ 50 sx Class B cmt (15.6 ppg). Circ 30 sx cmt to surface.

Production Casing (8/21/1974)
 Drilled 6-3/4" production hole to 8282'. Set 214 jts 4-1/2", 11.6#, K-55 casing at 8282'.
 DV tool at 5961'.
 1st Stage: Cmt lead w/ 200 sx Class B 50/50 poz w/ 6% gel (13.3 ppg). Tailed w/ 50 sx Cmt tail w/ 50 sx Class B cmt (15.5 ppg).
 TOC at 6359' per calc (assuming 1.48 yld & 1.16 yld & 75% eff.)
 2nd Stage: Cmt lead w/ 425 sx Class B 50/50 poz x/ 6% gel (13.3 ppg). Tailed w/ 100 sx Class B cmt (15.6 ppg).
 TOC at 1914' per calc (assuming 1.48 yld & 1.16 yield & 75% eff.)

Tubing:	Length (ft)
KB	13
NA	
Set at:	ft

Artificial Lift:
 NA

Perforations:
U DK (8060'-8073'): 4 SPF. Acidized w/ 500 gal 15% HCL. Frac w/ 10,000# 40/60 sand & 50,200# 20/40 sand in unknown volume of My-T-Frac fluid.
L DK (8106'-8186'): 8106'-13', 8124'-34, 8143'-63', 8180'-86' at 2 SPF. Acidized w/ 2000 gal 15% HCL. Frac w/ 10,000# 40/60 sand, 50,200# 20/40 sand in 37,500 My-T-Frac fluid.

Formations:			
Nacimiento	1268'	Mesaverde	5616'
Ojo Alamo	2685'	Mancos	5950'
Kirtland	2875'	Gallup	7216'
Fruitland	3311'	Dakota	8056'
Pictured Cliffs	3400'		

Additional Notes:
09/1974 Initial completion. Drilled & completed DK. 2-3/8" tubing was set at 8001' with a Model D packer on bottom. (EOT depth corrected to 13' KB, reported at 7990' w/o KB).

No recorded workovers since completion.

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 472530

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 472530
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
ward.rikala	Notify the OCD inspection supervisor 24 hours prior to beginning Plug & Abandon (P&A) operations.	6/11/2025
ward.rikala	A Cement Bond Log (CBL) is required to be submitted to electronic permitting.	6/11/2025
ward.rikala	New plug back total depth is required on C-103R.	6/11/2025
ward.rikala	MIT required after well work.	6/11/2025