

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

Sundry Print Report

Well Name: ROSA UNIT Well Location: T31N / R5W / SEC 34 / County or Parish/State: RIO

NESE / 36.852936 / -107.344086 ARRIBA / NM

Well Number: 55 Type of Well: CONVENTIONAL GAS Allottee or Tribe Name:

WELL

Lease Number: NMSF078773 Unit or CA Name: Unit or CA Number:

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

 $Rosa_Unit_55_Isolation_Procedure_20250610063241.pdf$

Page 1 of 2

Received by OCD: 6/10/2025 8:19:20 AM Well Name: ROSA UNIT Well

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County or Parish/State: RIPage 2 o

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:

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'
 KB: 6589'

 Depths (KB):
 PBTD: 8237'

 TD: 8282'
 TD: 8282'

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

	VERTICAL WELLBORE
Surface Casing 10-3/4", 45.5#, K-55 13 jts set at 306' 300 sx Circ to surface	All Depths KB Hole Size 15" 0-306' TOC at surface (circ) 9-7/8" 306'-3838' 6-3/4" 3838'-8282'
Intermediate Csg. 7-5/8", 26.4#, K-55 94 jts set at 3838' 800 sx Circ to surface	TOC at surface (circ)
Production Csg 4-1/2", 11.6#, K-55 214 jts set at 8282' 775 sx DV tool at 5961' Stage 1 TOC: 6359' Stage 2 TOC: 1914'	DV tool at 5961' TOC Stg 2 at 1914' (calc)
Tubing 2-3/8", 4.7#, J-55 253 jts EOT at 8001' Model D pkr at 8001'	Model D Packer at 8001' o DK (8060'-8073') o DK (8106'-8186') 8282' TOC Stg 1 at 6359' (calc)

PBTD- 8237' TD - 8282'

	o 306'. Set 13 jts 10-3/4", 45 nt (15.8 ppg). Circ 157 sx to		
Intermediate Casing: (8/1			
Drilled a 9-7/8" intermediat	te hole to 3838'. Set 94 jts 7	-5/8", 26.4#, K-55 casing	at 3838'.
	B 50/50 poz cmt w/ 6% gel	(13.3 ppg) tailed w/ 50 s	x Class
B cmt (15.6 ppg). Circ 30	sx cmt to surface.		
Production Casing (8/21/			
	ole to 8282'. Set 214 jts 4-1	/2", 11.6#, K-55 casing a	t 8282'.
DV tool at 5961'.	00 Ol D 50/50 /	20/ (40.0	/ 50
	00 sx Class B 50/50 poz w/ 6	5% gei (13.3 ppg). Tailed	W/ 50 SX
Cmt tail w/ 50 sx Class		dd 9 7E0/ off \	
	(assuming 1.48 yld & 1.16 y		Lu/ 100
	25 sx Class B 50/50 poz x/ (o‰ gei (13.3 ppg). Tailed	ı W/ IUU SX
Class B cmt (15.6 ppg)		iold 0 7E0/ a#\	
100 at 1914 per calc	(assuming 1.48 yld & 1.16 y	ieiu a /5% eii.)	
Tubin - (0/44/4074)		1	`
Tubing: (9/11/1974)		Length (ft	
(1) 2 2/9" 4 7# LEE 9rd FL	IF thatit	13	
(1) 2-3/8" 4.7# J-55 8rd EU		3′	
(4) 2-3/8" pup jts (8', 4', 3',		17 7930	
(252) 2-3/8" 4.7# J-55 8rd			<u>) </u>
(1) Model D Packer w/ 3 se			-
NA Perforations:	Set at:	800	
NA Perforations: U DK (8060'-8073'): 4 SPF & 50,200# 20/40 sand in L DK (8106'-8186'): 8106'-	F. Acidized w/ 500 gal 15% l unknown volume of My-T-Fr -13', 8124'-34, 8143'-63', 81	HCL. Frac w/ 10,000# 40, ac fluid. 80'-86' at 2 SPF. Acidized	/60 sand
NA Perforations: U DK (8060'-8073'): 4 SPF & 50,200# 20/40 sand in L DK (8106'-8186'): 8106'-	F. Acidized w/ 500 gal 15% l unknown volume of My-T-Fr	HCL. Frac w/ 10,000# 40, ac fluid. 80'-86' at 2 SPF. Acidized	/60 sand
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NA Perforations: U DK (8060'-8073'): 4 SPF & 50,200# 20/40 sand in I L DK (8106'-8186'): 8106'- gal 15% HCL. Frac w/ 10 Formations: Nacimiento	F. Acidized w/ 500 gal 15% I unknown volume of My-T-Fr -13', 8124'-34, 8143'-63', 81 0,000# 40/60 sand, 50,200#	HCL. Frac w/ 10,000# 40 ac fluid. 30'-86' at 2 SPF. Acidized 20/40 sand in 37,500 My Mesaverde	/60 sand d w/ 2000 r-T-Frac flu 561
NA Perforations: U DK (8060'-8073'): 4 SPF & 50,200# 20/40 sand in L DK (8106'-8186'): 8106'- gal 15% HCL. Frac w/ 10 Formations: Nacimiento Ojo Alamo	F. Acidized w/ 500 gal 15% i unknown volume of My-T-Fr -13', 8124'-34, 8143'-63', 811 0,000# 40/60 sand, 50,200# 1268' 2685'	HCL. Frac w/ 10,000# 40 ac fluid. 30'-86' at 2 SPF. Acidized 20/40 sand in 37,500 My Mesaverde Mancos	/60 sand d w/ 2000 r-T-Frac flu 561 595
NA Perforations: U DK (8060'-8073'): 4 SPF & 50,200# 20/40 sand in t L DK (8106'-8186'): 8106' gal 15% HCL. Frac w/ 10 Formations: Nacimiento Ojo Alamo Kirtland	F. Acidized w/ 500 gal 15% l unknown volume of My-T-Fr -13', 8124'-34, 8143'-63', 818 0,000# 40/60 sand, 50,200# 1268' 2685' 2875'	HCL. Frac w/ 10,000# 40 ac fluid. 30'-86' at 2 SPF. Acidized 20/40 sand in 37,500 My Mesaverde Mancos Gallup	/60 sand d w/ 2000 /-T-Frac flu 561 595 721
Perforations: U DK (8060'-8073'): 4 SPF & 50,200# 20/40 sand in L DK (8106'-8186'): 8106'-	F. Acidized w/ 500 gal 15% l unknown volume of My-T-Fr -13', 8124'-34, 8143'-63', 81	HCL. Frac w/ 10,000# 40, ac fluid. 80'-86' at 2 SPF. Acidized	/60 san
Perforations: U DK (8060'-8073'): 4 SPF & 50,200# 20/40 sand in t DK (8106'-8186'): 8106'- gal 15% HCL. Frac w/ 10 Formations: Nacimiento Ojo Alamo Kirtland Fruitland	F. Acidized w/ 500 gal 15% i unknown volume of My-T-Fr -13', 8124'-34, 8143'-63', 811 0,000# 40/60 sand, 50,200# 1268' 2685'	HCL. Frac w/ 10,000# 40 ac fluid. 30'-86' at 2 SPF. Acidized 20/40 sand in 37,500 My Mesaverde Mancos	/60 sand d w/ 2000 /-T-Frac fl 566 59
Perforations: U DK (8060'-8073'): 4 SPF & 50,200# 20/40 sand in I L DK (8106'-8186'): 8106'- gal 15% HCL. Frac w/ 10 Formations: Nacimiento Ojo Alamo Kirtland Fruitland Pictured Cliffs	F. Acidized w/ 500 gal 15% I unknown volume of My-T-Fr -13', 8124'-34, 8143'-63', 810 0,000# 40/60 sand, 50,200# 1268' 2685' 2875' 3311'	HCL. Frac w/ 10,000# 40 ac fluid. 30'-86' at 2 SPF. Acidized 20/40 sand in 37,500 My Mesaverde Mancos Gallup	/60 sand d w/ 2000 /-T-Frac flu 56 59: 72
Perforations: U DK (8060'-8073'): 4 SPF & 50,200# 20/40 sand in I L DK (8106'-8186'): 8106'- gal 15% HCL. Frac w/ 10 Formations: Nacimiento Ojo Alamo Kirtland Fruitland Pictured Cliffs Additional Notes:	F. Acidized w/ 500 gal 15% I unknown volume of My-T-Fr -13', 8124'-34, 8143'-63', 810 0,000# 40/60 sand, 50,200# 1268' 2685' 2875' 3311'	HCL. Frac w/ 10,000# 40 ac fluid. 30'-86' at 2 SPF. Acidized 20/40 sand in 37,500 My Mesaverde Mancos Gallup Dakota	/60 sand d w/ 2000 r-T-Frac fli 56 59: 72
Perforations: U DK (8060'-8073'): 4 SPF & 50,200# 20/40 sand in I L DK (8106'-8186'): 8106'- gal 15% HCL. Frac w/ 10 Formations: Nacimiento Ojo Alamo Kirtland Fruitland Pictured Cliffs Additional Notes: 09/1974 Initial completion	F. Acidized w/ 500 gal 15% I unknown volume of My-T-Fr .13', 8124'-34, 8143'-63', 818 0,000# 40/60 sand, 50,200# 1268' 2685' 2875' 3311' 3400'	HCL. Frac w/ 10,000# 40 ac fluid. 30'-86' at 2 SPF. Acidized 20/40 sand in 37,500 My Mesaverde Mancos Gallup Dakota	/60 sand d w/ 2000 r-T-Frac flu 566 599 72 809
NA Perforations: U DK (8060'-8073'): 4 SPF & 50,200# 20/40 sand in I L DK (8106'-8186'): 8106'- gal 15% HCL. Frac w/ 10 Formations: Nacimiento Ojo Alamo Kirtland Fruitland Pictured Cliffs Additional Notes: 09/1974 Initial completion	F. Acidized w/ 500 gal 15% I unknown volume of My-T-Fr -13', 8124'-34, 8143'-63', 81i 0,000# 40/60 sand, 50,200# 1268' 2685' 2875' 3311' 3400'	HCL. Frac w/ 10,000# 40 ac fluid. 30'-86' at 2 SPF. Acidized 20/40 sand in 37,500 My Mesaverde Mancos Gallup Dakota	/60 sand d w/ 2000 v-T-Frac flu 566 598 722 806
NA Perforations: U DK (8060'-8073'): 4 SPF & 50,200# 20/40 sand in IL DK (8106'-8186'): 8106'- gal 15% HCL. Frac w/ 10 Formations: Nacimiento Ojo Alamo Kirtland Fruitland Pictured Cliffs Additional Notes: 09/1974 Initial completion Model D packer on bottor	F. Acidized w/ 500 gal 15% I unknown volume of My-T-Fr .13', 8124'-34, 8143'-63', 818 0,000# 40/60 sand, 50,200# 1268' 2685' 2875' 3311' 3400'	HCL. Frac w/ 10,000# 40 ac fluid. 30'-86' at 2 SPF. Acidized 20/40 sand in 37,500 My Mesaverde Mancos Gallup Dakota 3/8" tubing was set at 80 13' KB, reported at 7990'	/60 sand d w/ 2000 v-T-Frac flu 561 598 721 805
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Proposed Wellbore Schematic

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

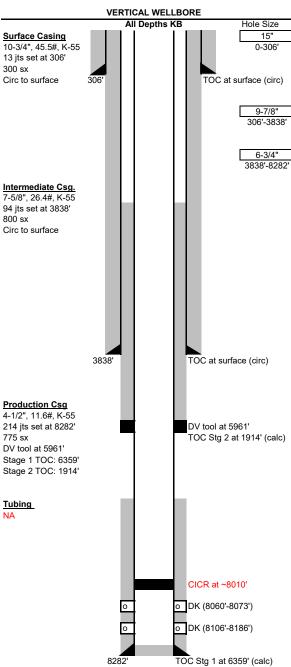
 Date Prepared:
 9/9/2019
 Moss

 Last Updated:
 3/20/2025
 Moss

 Reviewed By:
 5pud Date:
 7/28/1974

 Completion Date:
 10/25/1974

 Last Workover Date:
 10/25/1974



PBTD- 8237'

Surface Casing: (7/28/197 Drilled a 15" surface hole to	306'. Set 13 jts 10-3/4", 45	5.5#. K-55 casing at 306'	
	nt (15.8 ppg). Circ 157 sx to		
Olik W, GGG GK Glagg / Col.	(того рруг, от от тог ок то		
Intermediate Casing: (8/10	0/1974)		
Drilled a 9-7/8" intermediate	e hole to 3838'. Set 94 jts 7-	·5/8". 26.4#. K-55 casing	at 3838'.
	B 50/50 poz cmt w/ 6% gel		
B cmt (15.6 ppg). Circ 30		(11 3)	
(·			
Production Casing (8/21/1	1974)		
Drilled 6-3/4" production ho	le to 8282'. Set 214 jts 4-1/	/2", 11.6#, K-55 casing a	t 8282'.
DV tool at 5961'.			
1st Stage: Cmt lead w/ 20	0 sx Class B 50/50 poz w/ 6	6% gel (13.3 ppg). Tailed	l 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 y	ld & 75% eff.)	
2nd Stage: Cmt lead w/ 42	25 sx Class B 50/50 poz x/ 6	6% gel (13.3 ppg). Tailed	l w/ 100 sx
Class B cmt (15.6 ppg).			
	assuming 1.48 yld & 1.16 yi	eld & 75% eff.)	
. ,	<u> </u>	•	
Tubing:		Length (ft	·)
KB		1:	
NA			
Artificial Lift:			
Artificial Lift: NA			
NA Perforations: U DK (8060'-8073'): 4 SPF	. Acidized w/ 500 gal 15% h		/60 sand
NA Perforations: U DK (8060'-8073'): 4 SPF	. Acidized w/ 500 gal 15% h		/60 sand
Perforations: U DK (8060'-8073'): 4 SPF & 50,200# 20/40 sand in u		ac fluid.	
NA Perforations: U DK (8060'-8073'): 4 SPF 8 50,200# 20/40 sand in L DK (8106'-8186'): 8106'-	ınknown volume of My-T-Fr	ac fluid. 30'-86' at 2 SPF. Acidized	d w/ 2000
NA Perforations: U DK (8060'-8073'): 4 SPF 8 50,200# 20/40 sand in L DK (8106'-8186'): 8106'-	ınknown volume of My-T-Fr 13', 8124'-34, 8143'-63', 818	ac fluid. 30'-86' at 2 SPF. Acidized	d w/ 2000
NA Perforations: U DK (8060'-8073'): 4 SPF 8 50,200# 20/40 sand in L DK (8106'-8186'): 8106'-	ınknown volume of My-T-Fr 13', 8124'-34, 8143'-63', 818	ac fluid. 30'-86' at 2 SPF. Acidized	d w/ 2000
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NA Perforations: U DK (8060'-8073'): 4 SPF & 50,200# 20/40 sand in L DK (8106'-8186'): 8106'- gal 15% HCL. Frac w/ 10 Formations:	inknown volume of My-T-Fr 13', 8124'-34, 8143'-63', 818 ,000# 40/60 sand, 50,200#	ac fluid. 80'-86' at 2 SPF. Acidized 20/40 sand in 37,500 My	d w/ 2000 r-T-Frac flui
NA Perforations: U DK (8060'-8073'): 4 SPF	inknown volume of My-T-Fr. 13', 8124'-34, 8143'-63', 818 ,000# 40/60 sand, 50,200# 1268'	ac fluid. 80'-86' at 2 SPF. Acidized 20/40 sand in 37,500 My Mesaverde	561 595
NA Perforations: U DK (8060'-8073'): 4 SPF & 50,200# 20/40 sand in u L DK (8106'-8186'): 8106'- gal 15% HCL. Frac w/ 10 Formations: Nacimiento	inknown volume of My-T-Fr. 13', 8124'-34, 8143'-63', 818 ,000# 40/60 sand, 50,200# 1268' 2685'	ac fluid. 80'-86' at 2 SPF. Acidized 20/40 sand in 37,500 My Mesaverde Mancos	561 595 721
NA Perforations: U DK (8060'-8073'): 4 SPF	nknown volume of My-T-Fr. 13', 8124'-34, 8143'-63', 818',000# 40/60 sand, 50,200# 1268' 2685' 2875'	ac fluid. 30'-86' at 2 SPF. Acidized 20/40 sand in 37,500 My Mesaverde Mancos Gallup	561 595 721
NA Perforations: U DK (8060'-8073'): 4 SPF & 50,200# 20/40 sand in u L DK (8106'-8186'): 8106'- gal 15% HCL. Frac w/ 10 Formations: Nacimiento Ojo Alamo Kirtland Fruitland Pictured Cliffs	inknown volume of My-T-Fr. 13', 8124'-34, 8143'-63', 818', ,000# 40/60 sand, 50,200# 1268' 2685' 2875' 3311'	ac fluid. 30'-86' at 2 SPF. Acidized 20/40 sand in 37,500 My Mesaverde Mancos Gallup	d w/ 2000
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NA Perforations: U DK (8060'-8073'): 4 SPF & 50,200# 20/40 sand in u L DK (8106'-8186'): 8106'- gal 15% HCL. Frac w/ 10 Formations: Nacimiento Ojo Alamo Kirtland Fruitland Pictured Cliffs Additional Notes:	inknown volume of My-T-Fr. 13', 8124'-34, 8143'-63', 818', ,000# 40/60 sand, 50,200# 1268' 2685' 2875' 3311'	ac fluid. 10'-86' at 2 SPF. Acidizer 20/40 sand in 37,500 My Mesaverde Mancos Gallup Dakota	561 595 721 805
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NA Perforations: U DK (8060'-8073'): 4 SPF & 50,200# 20/40 sand in L DK (8106'-8186'): 8106'- gal 15% HCL. Frac w/ 10 Formations: Nacimiento Ojo Alamo Kirtland Fruitland Pictured Cliffs Additional Notes: 09/1974 Initial completion. Model D packer on bottom	1268' 2685' 2875' 3311' 3400' Drilled & completed DK. 2- 1. (EOT depth corrected to 1	ac fluid. 10'-86' at 2 SPF. Acidized 20/40 sand in 37,500 My Mesaverde Mancos Gallup Dakota 3/8" tubing was set at 80 3' KB, reported at 7990'	561 595 721 805
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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:	OGRID:
LOGOS OPERATING, LLC	289408
2010 Afton Place	Action Number:
Farmington, NM 87401	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