

Well Name: ROSA UNIT	Well Location: T31N / R6W / SEC 12 / SENW / 36.91613 / -107.41551	County or Parish/State: RIO ARRIBA / NM
Well Number: 149C	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078767	Unit or CA Name: ROSA UNIT, ROSA UNIT--MV	Unit or CA Number: NMNM78407A, NMNM78407E
US Well Number: 3003930723	Operator: LOGOS OPERATING LLC	

Subsequent Report

Sundry ID: 2863246

Type of Submission: Subsequent Report	Type of Action: Workover Operations
Date Sundry Submitted: 07/15/2025	Time Sundry Submitted: 10:36
Date Operation Actually Began: 05/09/2025	

Actual Procedure: 5/9/2025 - MIRU. ND WH. NU BOP, test BOP. Good test. Sting out of retainer at 6918'. TOOH. SDFW. 5/12/2025 - Kill well. TIH w/4-3/4" mill, tag fill @ 6906'. CO sand fill to 6918'. Drill out CICR at 6918'. SDFN. 5/13/2025 - RU swivel Drill out CIBP at 8002'. Push debris to TD @ 8140'. TOOH. 5/14/2025 - RD swivel. TIH w/256jts, 2-3/8", 4.7#, J-55 tbg, landed at 8088', FN @ 8086', ND BOP. NU WH. RD.RR.

SR Attachments

Actual Procedure

Rosa\_Unit\_149C\_WB\_schematic\_20250715103620.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: JUL 15, 2025 10:37 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: 07/15/2025  
Signature: Kenneth Rennick

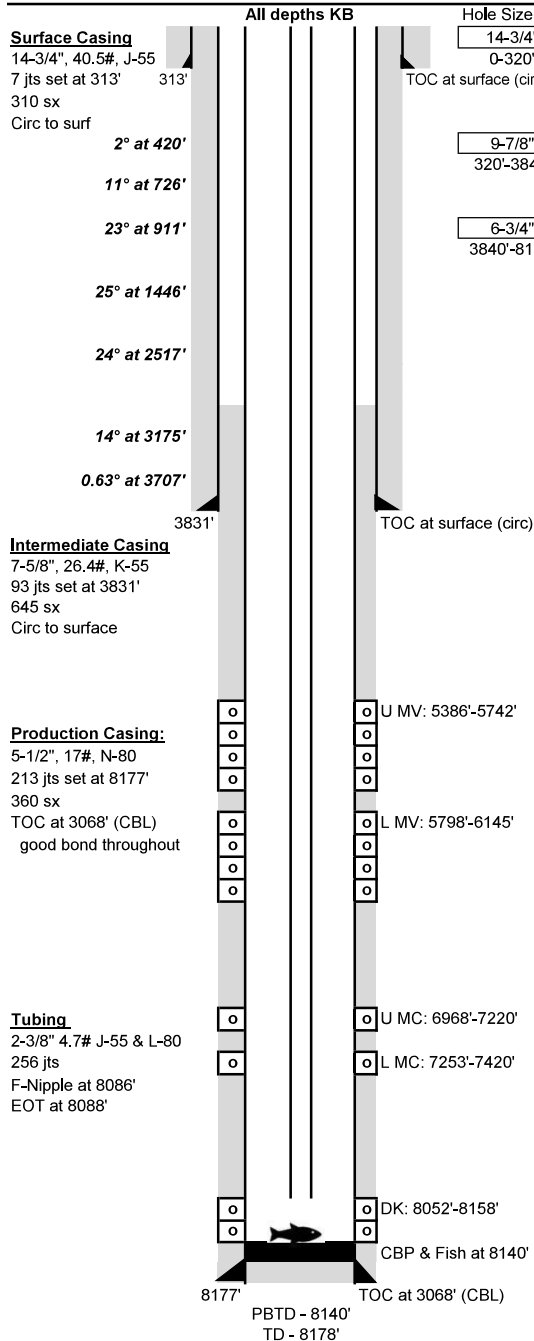


## Wellbore Schematic

Well Name: Rosa Unit 149C  
 Location: F-12-31N-06W 1910' FNL & 2225' FWL  
 County: Rio Arriba, NM  
 API #: 30-039-30723  
 Co-ordinates: Lat 36.9161072, Long -107.4154968 NAD83  
 Elevations: GROUND: 6286'  
 KB: 6300'  
 Depths (KB): PBTD: 8140'  
 TD: 8178'

Date Prepared: 4/25/2024 Moss  
 Reviewed By: Jun 12, 2025  
 Last Updated: 6/2/2025 Sullivan  
 Spud Date: 6/25/2009  
 Completion Date: 9/19/2009  
 Last Workover Date: 5/1/2025

## DIRECTIONAL WELLBORE



**Surface Casing: (06/26/2009)**  
 Drilled a 14-3/4" surface hole to 320'. Set 7 jts 10-3/4", 40.5#, J-55 csg at 313'.  
 Cmt'd w/ 310 sx cmt (556 ft3, 13.5 ppg, 1.796 yld). Circ 45 bbls cmt to surface.

**Intermediate Casing: (07/03/2009)**  
 Drilled a 9-7/8" intermediate hole to 3840'. Set 93 jts 7-5/8", 26.4#, K-55 csg at 3831'.  
 Cmt'd w/ 545 sx Extendcem cmt (1487 ft3, 11.5 ppg, 2.73 yld). Tailed w/ 100 sx  
 Prem cmt (118 ft3, 15.6 ppg, 1.178 yld). Circ 115 bbls cmt to surface.

**Production Casing: (07/08/2009)**  
 Drilled a 6-3/4" production hole to 8178'. Set 213 jts 5-1/2", 17#, N-80 csg at 8177'.  
 Cmt'd w/ 360 sx cmt (504 ft3, 13.1 ppg, 1.4 yld). TOC at 3068' per 2009 CBL.

Tubing:	Length (ft)
KB	14
(255) 2-3/8" 4.7# L-80 & J-55 tbj jts	8039
(1) 2-3/8" x 2' pup jt	2
(1) 2-3/8" 4.7# L-80 tbj jt	31
(1) 1.81" F-nipple	1
(1) 2-3/8" MS collar w/ exp check	1
Set at:	8088 ft

**Artificial Lift:**  
 Plunger lift

**Perforations: (09/2009)**  
**U MV: (5386'-5742')** 57, 0.34" holes. 5386', 88, 94, 96, 5419', 21, 51, 53, 55, 5527', 58, 60, 62, 95, 5606', 08, 10, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48, 50, 52, 54, 56, 58, 60, 62, 64, 66, 68, 70, 72, 78, 80, 82, 84, 86, 88, 90, 5717', 19, 28, 30, 32, 34, 36, 38, 40, 5742'. Frac w/ 81.463# 20/40 sand  
**L MV: (5798'-6145')** 63, 0.34" holes. 5798', 5800', 02, 22, 24, 26, 28, 32, 34, 36, 38, 40, 46, 48, 50, 52, 54, 56, 58, 60, 62, 67, 74, 76, 78, 80, 82, 84, 86, 88, 96, 5904', 06, 08, 10, 12, 14, 16, 18, 20, 22, 30, 32, 34, 36, 82, 87, 6038', 40, 55, 65, 67, 82, 84, 86, 94, 6104', 06, 20, 41, 43, 6145'. Frac w/ 82.617# 20/40 sand.  
**U MC: (6968'-7220')** 90, 0.34" holes. 6968', 78, 87, 97, 7008', 16, 25, 34, 42, 48, 59, 66, 72, 80, 90, 98, 7107', 16, 24, 32, 40, 50, 57, 66, 74, 80, 90, 7200', 10, 7220'. Frac w/ 4995# 100 mesh & 114,270# 40/70 sand.  
**L MC: (7253'-7420')** 75, 0.34" holes. 7253', 62, 70, 79, 85, 92, 98, 7304', 10, 16, 24, 32, 40, 47, 53, 62, 68, 75, 80, 87, 92, 98, 7405', 10, 7420'. Frac w/ 5005# 100 mesh & 99,907# 40/70 sand.  
**DK: (8052'-8158')** 87, 0.34" holes. 8052', 56, 58, 60, 62, 64, 66, 72, 94, 96, 98, 8102', 08, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 48, 52, 56, 8158'. Frac w/ 6040# 100 mesh & 117,723# 40/70 sand.

Formations:	MD
Pictured Cliffs	3337'
Mesaverde	3640'
	Mancos 6280'
	Dakota 7920'

**Additional Notes:**  
**09/2009** Initial completion. Stim'd MV, MC, & DK formations. Report states they drilled on CBP & junk down to 8135'. WL tools left in hole as follows. CBP, setting tool, sinker bar, collar locator, & rope socket. Set 2-3/8" tbj at 8111' (14' KB)  
**07/2010** Tagged 8108'. Pulled tbj, last 5 jts scaled up & bumper spring stuck in it above F nipple. CO from 8108' to 8140' (PBTD previously reported at 8135'). Could not CO past 8140'. Ran spinner survey & set 2-3/8" tbj at 8095' (14' KB).  
**06/2011** Pull tbj, F nipple had scale on ID & last 112 tbj jts had light scale on OD. Tagged fill at 8109'. CO to 8140'. Ran profile survey. Set 2-3/8" tbj at 8098' (14' KB).  
**07/2024** - Tag fill @ 8115'. Scan tbj (22y, 116b, 55g, 60r). Ran string mill to 5260'. Set CIBP 8002', set pkr 10' above. PT CIBP to 1000 psi, good test. LD pkr, set CIBP @ 6918'. TIH w/ gauges, land tbj w/ 12k compression.  
**05/2025** - Pull gauges. Tag fill 6906'. CO sand fill 6906' to 6918'. DO CIBP. DO CIBP @ 8002', push plug debris to 8140'. TIH w/ production tbj, land EOT 8088', F-nipple @ 8086'.

Initial completion report lists PBTD at 8135' (14' KB), where wireline tools & a CBP were milled to. The 2010 & 2011 WO reports state that they were able to CO to 8140' (14' KB). PBTD is likely at 8140'.

Max deviation 25° at 1446'. Max dogleg severity 7 °/100' at 911'.

Sante Fe Main Office  
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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 486164

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 486164
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	Accepted for record.	8/29/2025