

Well Name: ROSA UNIT	Well Location: T31N / R6W / SEC 23 / NWSW / 36.88268 / -107.43803	County or Parish/State: RIO ARRIBA / NM
Well Number: 98	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078771	Unit or CA Name: ROSA UNIT, ROSA UNIT--DK	Unit or CA Number: NMNM78407B, NMNM78407E
US Well Number: 3003923265	Operator: LOGOS OPERATING LLC	

Subsequent Report

Sundry ID: 2820160

Type of Submission: Subsequent Report

Type of Action: Other

Date Sundry Submitted: 10/31/2024

Time Sundry Submitted: 10:45

Date Operation Actually Began: 09/30/2024

Actual Procedure: 9/30/2024 - MIRU. NDWH. NU and function test BOP. Good test. TOOH w/2-3/8" tbg. MU 3-7/8" mill. Drill out CIBP @ 6260'. Push plug to 7916'. Break circulation with air/mist. Mill on plug remains, set back swivel. TOOH. SIW. SDFN. 10/01/2024 - TIH to 7910'. RU swivel, clean out sand fill to 7931'. PBTD @ 7950'. Set back swivel, TOOH lay down mill. TIH w/241jts 2-3/8" tbg, 4.7#, J-55, landed @ 7779', SN @ 7778'. Well is a downhole commingled Basin Mancos / Basin Dakota, per DHC-5319.

SR Attachments

Actual Procedure

Rosa_Unit_98_Wellbore_Schematic_20241031104406.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: OCT 31, 2024 10:44 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: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 11/01/2024

Signature: Matthew Kade

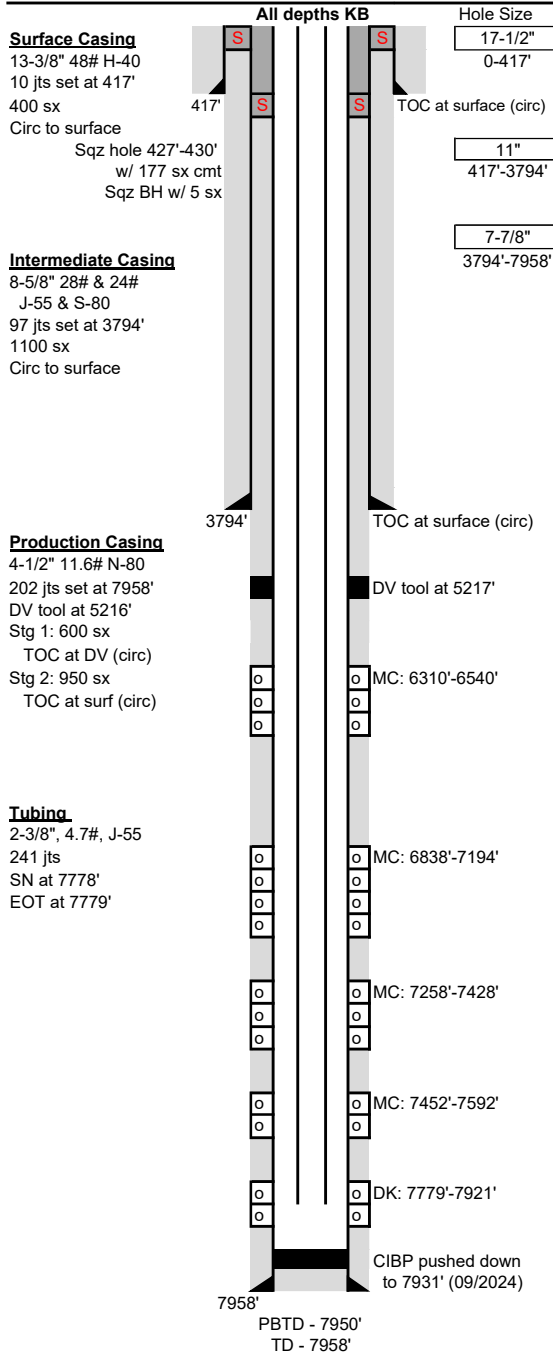


Wellbore Schematic

Well Name: Rosa Unit 098
 Location: L-23-31N-06W 1840' FSL & 790' FWL
 County: Rio Arriba, NM
 API #: 30-039-23265
 Co-ordinates: Lat 36.8829536, Long -107.4384918 NAD1983
 Elevations: GROUND: 6267'
 KB: 6279'
 Depths (KB): PBDT: 7950'
 TD: 7958'

Date Prepared: 7/10/2023 Moss
 Reviewed By: Oct 18, 2024 *Counting Passes*
 Last Updated: 10/3/2024 Sullivan
 Spud Date: 9/13/1983
 Completion Date: 12/21/1983
 Last Workover Date: 9/30/2024

VERTICAL WELLBORE



Surface Casing: (9/14/1983)
 Drilled a 17-1/2" surface hole to 417'. Set 10 jts 13-3/8", 48#, H-40 csg at 417'.
 Cmt'd w/ 400 sx Class B cmt (480 ft3, 15.6 ppg). Circ 20 bbls cmt to surface.

Intermediate Casing: (10/5/1983)
 Drilled an 11" intermediate hole to 3794'. Set 97 jts 8-5/8" csg at 3794'. (15 jts 28# J-55, 70 jts 24# J-55, 12 jts 28# S-80). Cmt'd w/ 300 sx Class B 65/35 poz w/ 6% gel (12.2 ppg).
 Tailed w/ 600 sx Class B 50/50 poz w/ 6% gel (13.3 ppg) & 200 sx Class B cmt (15.6 ppg).
 Circ 40 bbls to surface.

Production Casing: (10/25/1983)
 Drilled a 7-7/8" production hole to 7958'. Set 202 jts 4-1/2", 11.6#, N-80 csg at 7958'.
 DV tool at 5217'. Cmt stg 1 w/ 500 sx Class B 50/50 poz cmt (13.3 ppg) followed by 100 sx Class B neat cmt (15.6 ppg). Circ 20 bbls. Cmt'd Stg 2 w/ 850 sx Class B 65/35 poz cmt (12.2 ppg) followed by 100 sx Class B neat (15.6 ppg) cmt. Circ 20 bbls to surf.
 11/1985: Identified csg hole from 427'-430'. Sqz'd w/ 120 sx (140 ft3) Class B cmt, circ to surf.
 Hesitation sqz w/ another 57 sx (67ft). BH wouldn't hold pressure so sqz'd w/ 5 sx (5.9 ft3) cmt.

Tubing:	Length (ft)
KB	12
(240) 2-3/8" 4.7# J-55 tbg jts	7732
(1) 2-3/8" 4.7# J-55 marker jt	2
(1) 2-3/8" 4.7# J-55 tbg jt	31
(1) 1.78" SN at 7778'	1
(1) 2-3/8" tbg jt w/ 1/2 MS w/ exp check	1
Set at:	7779 ft

Artificial Lift:
 NA

Perforations: (12/1983)
DK: (7779'-7921') 2 SPF, 80, 0.38" holes. 7779'-7797', 7827'-7838', 7868'-7872', & 7914'-7921'.
 Frac w/ 205,000# 20/40 sand in 95,000 gal 50# x-link gel
MC: (7452'-7592') 1 SPF, 140, 0.38" holes. Frac'd this zone multiple times.
 1st frac: H2O frac w/ 50,000 gal 30# x-link gel.
 2nd frac: 32,680# of 20/40 sand in 26,340 gal 30# gel. Screened out at 6200 psi.
MC: (7258'-7428') 1 SP2F, 86, 0.38" holes.
 Frac w/ 65,000# 20/40 sand in 95,000 gal 50# x-link gel.
MC: (6838'-7194') 1 SP2F, 108, 0.39" holes. 6838'-6862', 6864'-6886', 6888'-6910', 6912'-6934', 6936'-6958', 6960'-6982', 6983'-7003', 7010'-7026', 7028'-7050', 7052'-7074' & at 1 SP2F, 55, 0.29" holes. 7076'-7098', 7100'-7122', 7124'-7146', 7148'-7170, & 7172'-7194'.
 Frac w/ 150,000# 20-40 sand in 165,000 gal 50# x-link gel.
MC: (6310'-6540') 1 SP2F, 105, 0.39" holes. 6310'-6324', 6326'-6348', 6350'-6372', 6374'-6396', 6398'-6416', 6420'-6444', 6446'-6468', 6470'-6492', 6494'-6516', 6518'-6540'.
 Frac w/ 64,000# 20/40 sand in 89,572 gal 50# x-link gel.

Formations:	MD
Pictured Cliffs	3100'
Mesaverde	5277'
Gallup	6310'
	Greenhorn 7592'
	Dakota 7823'

Additional Notes:
12/1983 Initial completion. Perf'd & stim'd MC & DK. CO to PBDT 7950'. Set pkr at 7691' & sliding sleeve at 7590'-7593'. Single 2-3/8" tbg string landed at 7929'.
11/1985 Csg Repair. Couldn't release packer at 7691'. Chem cut tbg at 6566'. Jarred pkr free w/ 62k # & pull fish consisting of tbg, sliding sleeve, & pkr. Set BP at 6184' & isolated csg holes between 427'-430'. Sqz w/ 177 sx cmt. DO cmt & PT csg to 1050 psig, held. PT BH to 550 psig, pressured up immediately. Sqz'd BH w/ 5 sx cmt. PT csg again to 2200#, held. PT BH to 400#, held. DO BP & pushed down to 7931'. Ran 2-3/8" tbg w/ pkr & sliding sleeve. EOT at 7880'.
9/2023 Wellbore Isolation. Set CBP at 6260'. Landed TBG at 6236'.
9/2024 Return to production. Drill out CIBP @ 6260'. Clean sand fill to 7931'.
 Replaced 9 jts. Land EOT at 7779', SN 7778'

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 398240

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 398240
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	None	12/6/2024