

Well Name: ROSA UNIT	Well Location: T31N / R6W / SEC 12 / SWNW / 36.971339 / -107.42192	County or Parish/State: RIO ARRIBA / NM
Well Number: 149B	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078767	Unit or CA Name: ROSA UNIT--MV	Unit or CA Number: NMNM78407A
US Well Number: 3003926599	Operator: LOGOS OPERATING LLC	

Subsequent Report

Sundry ID: 2788629

Type of Submission: Subsequent Report

Date Sundry Submitted: 05/06/2024

Date Operation Actually Began: 04/09/2024

Type of Action: Workover Operations

Time Sundry Submitted: 02:36

Actual Procedure: 4/9/24 - MIRU. BLOWDOWN WELL. ND WH & NU BOP, TEST- GOOD. PU ON MV SHORT STRING, LD 61 JNTS & 1' PARTED JT OF 2-1/16" TBNG. RU WL FREEPOINT 2 1/16" LONGSTRING COULD NOT GET PAST 5150' & MADE FIRST CUT @ 5144', DID NOT FREE. SECOND CUT @ 2394'. LD 73 JNTS & CUTOFF 2-1/16" TBNG. ND BOP PULL DOWN HANGER. NU BOP XO TO 2-3/8" TBNG. SDFN 4/10/24- PU OVERSHOT ON 2-3/8" TBNG. MADE 4 RUNS, RECOVERED 57 JNTS ON MV SHORT STRING AND 22 JNTS OF DK LONG STRING. TOF @ 3931' (MV), @ 3106' (DK). SDFN. 4/11/24- TIH/ ENGAGE DK FISH @ 3106'. TOO. LD 63 JNTS NEW DK TOP OF FISH @ 5144'. TIH. ENGAGE MV FISH @ 3932'. TOO. LD REMAINING MV TBNG FISHRECOVERED 188 JNTS, SN & 3' PIECE OF PERF. SDFN 4/12/24- MU OVERSHOT, TIH. ENGAGE FISH @ 5144', COUND NOT PULL FREE. RU WL. RIH & FREEPOINT TBNG. FREE @ 6144'. RIH & CHEMICAL CUT TBNG @ 6144'. RD & RELEASE WL. TOO. LD 32 JNTS OF 2-1/16" TBNG. RECOVERED ALL DK TBNG ABOVE SEAL ASSEMBLY. PU JARRING ASSEMBLY TIH TO TAG FISH @ 6152'. COULD NOT ENGAGE FISH. RU SWIVEL. TOO 30 STANDS. SIW SDFN. 4/13/24 CONT TO TOO W/ OVERSHOT. TIH. RU SWIVEL. BREAK CIR W/ AIR/MIST. ENGAGE FISH @ 6152'. JAR ON FISH.CUT OFF JT PARTED JUST ABOVE UPSET. SDFW 4/15/24-TIH. TAG PKR @ 6164'. BREAK CIRC W. AIR/MIST. WASH OVER JUNK & PKR. CUT 5' PUSHED PKR & TAIL PIPE DOWN 2'. TOO 30 STANDS. SDFN. 4/16/24-FINISH TOO. MU OVERSHOT, TIH W/ JARRING ASSEMBLY. ENGAGE FISH @ 6167'. JAR ON FISH.ATTEMPT TO RELEASE FISH. JARRED FREE. TOO JARRING PAST CSNG COLLARDS PULLED 15 STANDS TIED BK.CONTINUED TOO. LD EXTENSION & 53 JNTS OF 2-1/16" TBNG, SN W/ MULESHOE COLLAR. SDFN 4/17/24- RU WL RUN 4-1/2" GUAGE RING & RUN GYRO. RD RELEASE WL. RIG REPAIRS. TIH TO 7940' (TOP DK PERF @ 7956').TOOH LD BIT STRING MILL. SDFN 4/18/24-TIH SET CIBP @ 7906' (50' ABOVE TOP DK PERF @ 7956') PULL UP 10' SET PKR. PT CIBP TO 1000# PSI- DID NOT HOLD. RELEASE PKR. TOO SDFN. 4/19/24- INSTALL STANDING VALVE IN SN TIH PT TBNG- GOOD. TOO REMOVE STANDING VALVE. TIH SET CIRC @ 7866' PULL UP SET PKR @ 7850'. LOAD

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TBNG PT TO 1000# PSI FOR 15 MINS.- GOOD. RELEASE PKR TOOHD LD SETTING TOOL/PKR. SDFW 4/22/24- TIH SET CIBP @ 6055'. 50' BELOW BOTTOM MV PERF @ 6005' PULL UP SET PKR @ 6042'. PT CBP TO 1000# PSI- GOOD. RELEASE PKR TOOHD LD PKR. TIH W/ PRODUCTION TBNG: RAN 183 JTS OF 2-3/8" TBG, 4.7#, J-55 TO LAND @ 5785', SN @ 5783'. ND BOP. NU WH. RDMO WELLBORE IS ISOLATED FOR PAD 24 DEVELOPMENT.

SR Attachments

Actual Procedure

Rosa_Unit_149B_Wellbore_Schematic_20240506143542.pdf

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: LACEY GRANILLO

Signed on: MAY 06, 2024 02:36 PM

Name: LOGOS OPERATING LLC

Title: REGULATORY SPECIALIST

Street Address: 2010 AFTON PLACE

City: FARMINGTONState: NM

Phone: (505) 324-4145

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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: 05/06/2024

Signature: Kenneth Rennick

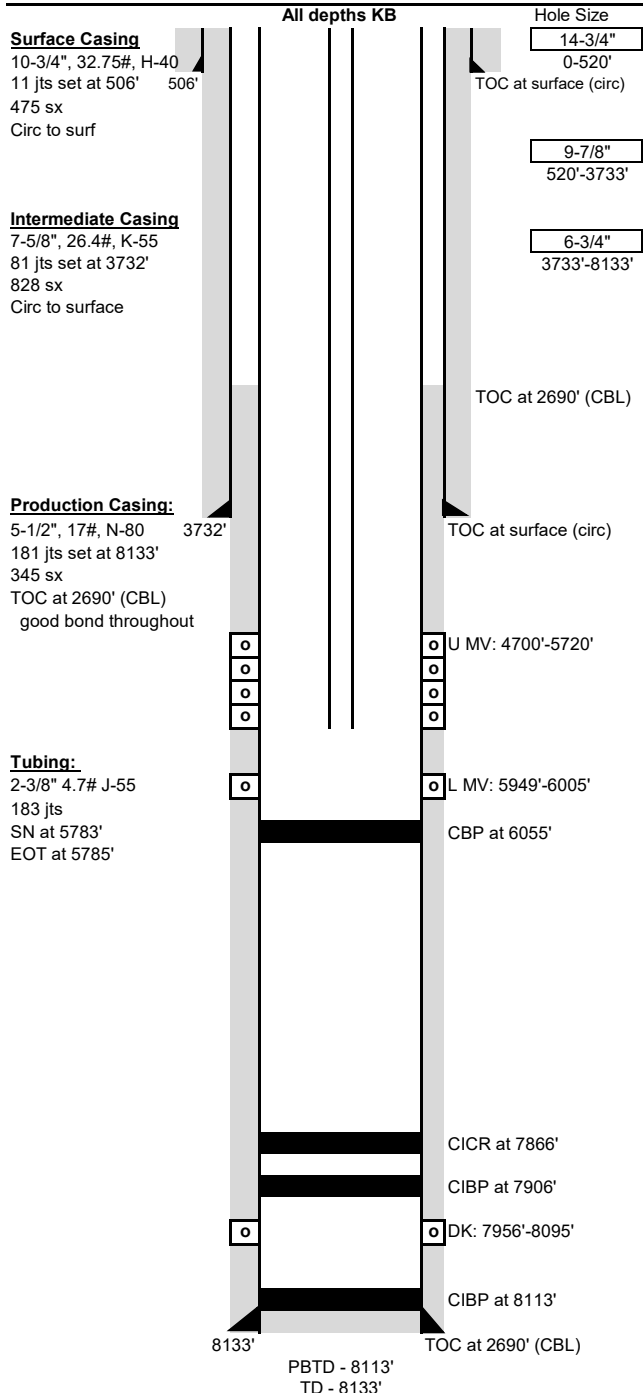


Wellbore Schematic

Well Name: Rosa Unit 149B
 Location: E-12-31N-06W 1440' FNL & 335' FWL
 County: Rio Arriba, NM
 API #: 30-039-26599
 Co-ordinates: Lat 36.917469, Long -107.4219589 NAD83
 Elevations: GROUND: 6421'
 KB: 6435'
 Depths (KB): PBDT: 8113'
 TD: 8133'

Date Prepared: 2/7/2024 Moss
 Reviewed By: 2/13/2024 Peace
 Last Updated: 5/2/2024 Moss
 Spud Date: 9/19/2001
 Completion Date: 11/17/2001
 Last Workover Date: N/A

VERTICAL WELLBORE



Surface Casing: (9/21/2001)

Drilled a 14-3/4" surface hole to 520'. Set 11 jts 10-3/4", 32.75#, H-40 csg at 506'.
 Cmt'd w/ 475 sx Type III cmt (660 ft3, 14.5 ppg, 1.41 yd). Circ 25 bbls cmt to surface.

Intermediate Casing: (9/25/2001)

Drilled a 9-7/8" intermediate hole to 3733'. Set 81 jts 7-5/8", 26.4#, K-55 csg at 3732'.
 Cmt'd w/ 550 sx Type III 65/35 poz cmt w/ 8% gel (1150 ft3, 12.1 ppg, 2.08 yd).
 Tailed w/ 278 sx Type III cmt (386 ft3, 14.5 ppg, 1.4 yd). Circ 60 bbls to surface.

Production Casing: (9/30/2001)

Drilled a 6-3/4" production hole to 8133'. Set 181 jts 5-1/2", 17#, N-80 csg at 8133'.
 FC at 8108'. Cmt'd w/ 50 sx Prem Lite cmt (119 ft3, 11.5 ppg, 2.59 yd). Tailed w/
 295 sx Prem Lite cmt (588 ft3, 12.5 ppg, 1.99 yd). TOC at 2690' per CBL (2001)
 *After cmtg, drilled out cmt & float collar to 8114'. Set CIBP at 8113'.

Tubing:

Length (ft)

KB	14
(182) 2-3/8" 4.7# J-55 tbg jts	5736
(1) 2-3/8" pup jt	2
(1) 2-3/8" 4.7# J-55 tbg jt	32
(1) 1.78" SN	1
(1) MS Collar	1
Set at:	5785 ft

Artificial Lift:

NA

Perforations: (11/2001)

U MV: (4700'-5720') 1 SPF, 34, 0.38" holes. 4700', 08, 20, 4826', 69, 75, 5267',
 5311', 5484', 87, 92, 5515', 17, 28, 31, 33, 37, 39, 40, 61, 64, 66, 69, 77, 81, 5727',
 29, 41, 46, 48, 91, 94, 96, 5720'. *Wireline issues w/ misfires. Acidized w/
 1000 gal 15% HCL. Frac w/ 80,000# 20/40 sand in 1921 bbls slickwater.
L MV: (5949'-6005') 1 SPF, 22, 0.38" holes. 5949', 53, 67, 69, 71, 73, 77, 79, 83, 5808',
 30, 38, 41, 58, 70, 5828', 47, 55, 82, 84, 6001', 05'. Acidized w/ 1000 gal 15% HCL.
 Frac w/ 80,000# 20/40 sand in 1887 bbls slickwater.
DK: (7956'-8095') 1 SPF, 22, 0.38" holes. 7956', 58, 60, 62, 64, 96, 98, 8004', 06,
 10, 12, 16, 19, 21, 23, 33, 49, 70, 88, 90, 93, 8095'. Acidize w/ 500 gal 15% HCL.
 Frac w/ 90,000# 20/40 sand in 60Q spectra G foam. 799 bbls total H2O & 1,319,700
 scfm total nitrogen.

Formations:

MD

Pictured Cliffs	3258'
Mesaverde	5466'
Mancos	6078'
Dakota	7954'

Additional Notes:

11/2001 Initial completion. Stim'd MV & DK formations. Report states wireline issues
 misfires on the Upper MV perms, but doesn't specify # or location of misfires. Set
 D pkr at 6150'. Set 2-1/16" DK EOT at 8063' & 2-1/16" MV EOT at 6080'.
04/2024 Pulled & LD both tbg strings, MV string parted & fell downhole. Extensive
 cut & recovery operations to get everything out. Milled & pulled pkr. Ran gyro survey.
 Ran string mill to 7940'. Set CIBP at 7906', wouldn't hold pressure. Set cmt retainer
 (CICR) at 7866', held pressure. Set CBP at 6055'. Set 2-3/8" tbg at 5785'.

**BLM completion report lists PBDT at the float collar at 8108', but the completion
 reports state that after cementing the production string, they drilled out cmt &
 float collar down to 8114' & then set a CIBP at 8113'.**

Sante Fe Main Office
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General Information
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Online Phone Directory
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 341490

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 341490
	Action Type: [C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	Accepted for record.	9/2/2025