Sundry Print Report 04/17/2024

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U.S. Department of the Interior

BUREAU OF LAND MANAGEMENT

Well Name: ROSA UNIT Well Location: T31N / R6W / SEC 11 /

SENE / 36.916107 / -107.425385

County or Parish/State: RIO

ARRIBA / NM

Well Number: 36

Type of Well: CONVENTIONAL GAS

WELL

Allottee or Tribe Name:

Lease Number: NMSF078771 Unit or CA Name: ROSA UNIT--MV

Unit or CA Number: NMNM78407A

US Well Number: 3003907977 Operator: LOGOS OPERATING LLC

Subsequent Report

Sundry ID: 2785412

Type of Action: Other Type of Submission: Subsequent Report

Date Sundry Submitted: 04/16/2024 Time Sundry Submitted: 01:49

Date Operation Actually Began: 04/06/2024

Actual Procedure: 4/6/2024 - MIRU. ND WH. NU BOPE. Function test. TOOH with tubing. SIW. SDFN. 4/7/2024 - RU WL. Run gyro survey. TIH w/2-3/8" tbg to 5909'. TOOH. SDFN. 4/8/2024 - TIH, round trip with 6-3/4" bit and string mill to 5909'. TOOH. TIH and set CBP @ 5886'. PU and set packer @ 5860'. Load tbg. PT CBP to 1000psi. Test good. Release packer. TOOH. ND BOP. NU WH. SIW. RDMO.

Wellbore Isolated for offset Mancos drilling.

SR Attachments

Actual Procedure

Rosa_Unit_36_Isolation_Wellbore_Schematic_20240416134853.pdf

Received by OCD: WITHIRE RESEATING

Well Number: 36

Well Location: T31N / R6W / SEC 11 /

County or Parish/State: RIO ARRIBA / NM

SENE / 36.916107 / -107.425385 ARRI

MELL

Type of Well: CONVENTIONAL GAS

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Unit or CA Name: ROSA UNIT--MV

Allottee or Tribe Name:

Page 2 of 4

Unit or CA Number: NMNM78407A

US Well Number: 3003907977

Lease Number: NMSF078771

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: APR 16, 2024 01:49 PM

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

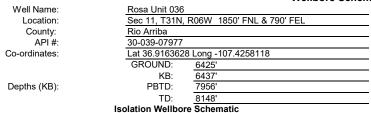
Disposition: Accepted **Disposition Date:** 04/16/2024

Signature: Kenneth Rennick

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Wellbore Schematic



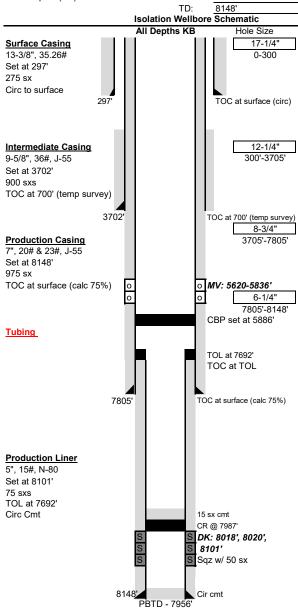
 Date: Prepared:
 1/26/2024 Peace

 Reviewed by:
 3/15/2024 Moss

 Spud date:
 10/16/1959

 Completion Date:
 12/4/1959

 Last Workover Date:
 4/6/2024



TD - 8148'

Surface Casing: (10/16/1959) Drilled a 17-1/4" surface hole to 300'. Set 13-3/8", 35.26#, casing at 297' Cmt lead w/ 275 sx. Circ to surface Intermediate Casing: (11/3/1959) Drilled a 12-1/4" production hole to 3705'. Set 9-5/8", 36#, J-55 casing at 3702'. Cmt lead w/ 800 sx w/ 6% gel. Tail w/ 100 sx neat cmt Did not circ. TOC at 700' (temp survey) Production Casing: (11/10/1959) Drilled a 8-3/4" production hole to 7805'. Set 7", 20# & 23#, J-55 casing at 7805' Cmt w/ 875 sx slo-set 6% gel. Tailed w/ 100 sx Neat cmt. TOC at surface (75% effcy & assuming 2.18 yld & yld). Production Liner: (11/18/1959) Drilled a 6-1/4" production hole to 8148'. Set 5", 15#, N-80 casing at 8148' Cmt lead w/ 75 sx slo-set cmt. Circ 15 sx of cmt. TOL at 7692', circ cmt. Length (ft) Perforations: (11/25/1959) Dakota: Abrasijet @ 8101', screened out w/ 13,528 gal water & 10,000# 20/40 sand. Set BP at 8075' & abrasijet @ 8020', could not break down. Abrasijet at 8018', frac'd with 50,600 gal water & 25,000# sand. Gas TSTM. Set CR at 7987' & sqz'd DK w/ 50sx + 15 sx on top of CR Mesaverde: (5620'-5836')- 5620'-5624', 5634'-5640', 5690'-5696', 5722'-5744', 5760'-5766', 5770'-5788' 5802'-5816', 5828'-5836' w/ 2 sf. Frac 100,000 gal of wtr & 50,000# of sand.

Formations: (MD)			
Pictured Cliffs-	3171'	Gallup	6934'	
Cliffhouse-	5453'	Greenhorn	7770'	
Point Lookout	5716'	Dakota-	7955'	
Mancos	6267'	_		

Additional Notes:

10/1959- The well was initial drilled and intended to be completed as a MV/DK well. The DK frac was sqz'd w/ 50 sx of cmt. The well was completed as a Mesaverde wellbore. 6/2002- Cleanout & replace plugged tbg. LD 1-1/4" tbg and ran in hole with 2-3/8" workstring, hit scale.

RU air pkg and tagged fill (depth unknown). Cleaned out fill w/ air 5860'. LD 2-3/8" work string. Landed 1-1/4" tbg at 5819'.

4/2024- Pulled 1-1/4" tubing to run gyro for pad 32 offset drilling. Round trip bit & mill. Set CBP at 5886' SI well during drilling/completions.

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 334351

CONDITIONS

Operator:	OGRID:
LOGOS OPERATING, LLC	289408
2010 Afton Place	Action Number:
Farmington, NM 87401	334351
	Action Type:
	[C-103] Sub. Workover (C-103R)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	None	9/2/2025