

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	Well Status: Producing Gas Well	Operator: LOGOS OPERATING LLC

Notice of Intent

Sundry ID: 2777706

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 03/04/2024

Time Sundry Submitted: 01:16

Date proposed operation will begin: 04/01/2024

Procedure Description: LOGOS Operating requests to conduct a wellbore isolation for subject well during offset Mancos drilling. Once drilling is complete, remove bridge plug and re-install production tubing string, per the attached procedure and wellbore schematic.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Rosa_Unit_36__Wellbore_Isolation_Procedure_20240304131546.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: MAR 04, 2024 01:16 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: Approved

Disposition Date: 03/05/2024

Signature: Kenneth Rennick



Isolation Procedure (2024)

Rosa Unit 36
30-039-07977
1850' FNL & 790' FEL
Section 11, T31N, R06W
Rio Arriba, New Mexico
LAT: 36.9163628° N LONG: -107.4258118° W
Mesaverde

PROJECT OBJECTIVE:

Run gyro survey and pending results, set a bridge plug above the Mesaverde perforations and load hole to isolate the perforations during offset Mancos drilling. Once drilling is complete, remove bridge plug and install 2-3/8" tubing string.

WORKOVER PROCEDURE:

1. Hold safety meeting. MIRU workover rig. Place fire and safety equipment in strategic locations. Comply with all LOGOS, BLM, and NMOCD rules and regulations.
2. Lay flow lines. Check and record casing and tubing pressures. Sell pressure down to line. Kill well as necessary.
3. Nipple down wellhead and nipple up BOP.
4. Trip out of hole with 1-1/4" tubing string and lay down.
5. Pick up 2-3/8" workstring.
6. Run gyro survey to determine the proximity of the well to the planned new drill.
7. If gyro results indicate the well is near enough to require isolation, set bridge plug within 50' below the Mesaverde. SI for drilling.
8. Once drilling is completed, trip in hole and remove the bridge plug.
9. Run in hole with 2-3/8" production tubing string.
10. Return well to production.



Wellbore Schematic

Well Name: Rosa Unit 036
 Location: Sec 11, T31N, R06W 1850' FNL & 790' FEL
 County: Rio Arriba
 API #: 30-039-07977
 Co-ordinates: Lat 36.9163628 Long -107.4258118
 GROUND: 6425'
 KB: 6437'
 Depths (KB): PBDT: 7956'
 TD: 8148'

Date: Prepared: 1/26/2023 Peace
 Reviewed by: _____
 Spud date: 10/16/1959
 Completion Date: 12/4/1959
 Last Workover Date: 6/14/2002

Deviated Wellbore

All Depths KB		Hole Size	Surface Casing: (10/16/1959)															
Surface Casing 13-3/8", 35.26# Set at 297' 275 sx Circ to surface	297'	17-1/4" 0-300	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 9-5/8", 36#, J-55 Set at 3702' 900 sxs TOC at 700' (temp survey)	3702'	12-1/4" 300'-3705'	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 7", 20# & 23#, J-55 Set at 7805' 975 sx TOC at surface (calc 75%)	7805'	8-3/4" 3705'-7805'	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 Slowest 6% gel. Tailed w/ 100 sx Neat cmt. TOC at surface (calc .75%).															
Perforations: (11/25/1959)			Drilled a 6-1/4" production hole to 8148'. Set 5", 15#, N-80 casing at 8101'. Cmt lead w/ 75 sx Abrasive cmt. Circ 15 sx of cmt. TOL at 7692', circ cmt.															
Formations: (MD, TVD)			<table border="1"> <thead> <tr> <th>Formation</th> <th>MD</th> <th>TVD</th> </tr> </thead> <tbody> <tr> <td>Pictured Cliffs-</td> <td>3171'</td> <td>Gallup 6934'</td> </tr> <tr> <td>Cliffhouse-</td> <td>5453'</td> <td>Greenhorn 7770'</td> </tr> <tr> <td>Point Lookout</td> <td>5716'</td> <td>Dakota- 7955'</td> </tr> <tr> <td>Mancos</td> <td>5792'</td> <td></td> </tr> </tbody> </table>	Formation	MD	TVD	Pictured Cliffs-	3171'	Gallup 6934'	Cliffhouse-	5453'	Greenhorn 7770'	Point Lookout	5716'	Dakota- 7955'	Mancos	5792'	
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Production Liner 5", 15#, N-80 Set at 8101' 75 sxs TOL at 7692' Cir Cmt	8101'	6-1/4" 7805'-8148'	Production Liner: (11/18/1959) Drilled a 6-1/4" production hole to 8148'. Set 5", 15#, N-80 casing at 8101'. Cmt lead w/ 75 sx Abrasive cmt. Circ 15 sx of cmt. TOL at 7692', circ cmt.															
Additional Notes:			<p>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.</p> <p>6/2002- Cleanout & replace plugged tbq. LD 1-1/4" tbq and ran in hole with 2-3/8" workstring, hit scale. RU air pkg and tagged fill (depth unknown). Cleaned out fill w/ air. LD 2-3/8" work string. Landed 1-1/4" tbq at 5819'.</p>															
Perforations: (11/25/1959)			<p>Dakota: Frac w/ 13,528 gal wtr & 10,000# 20/40 sand, sanded off. (4 holes) circ hole and cleaned hole.</p> <p>Attempted to frac, unable to breakdown using 5000#. Found sand at 8009', c/o to 8075'. Abrasijet 4 holes at 8018' Frac w/ 50,600 gals of wtr & 25,000# of sand. Flowed well for 24 hours with gas too small to measure.</p> <p>Squeezed DK formation w/ 50 sx of reg cmt, reversed 15 x at 7956'.</p> <p>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.</p>															
Perforations: (11/25/1959)			<table border="1"> <thead> <tr> <th>KB</th> <th>Length (ft)</th> </tr> </thead> <tbody> <tr> <td>KB</td> <td>12</td> </tr> <tr> <td>(181) 1-1/4", 2.4# , EUE 8rd tbq jts</td> <td>5807.00</td> </tr> <tr> <td>(1) SN Nipple @ 5806'</td> <td>1.8</td> </tr> <tr> <td>Set at:</td> <td>5819 ft</td> </tr> </tbody> </table>	KB	Length (ft)	KB	12	(181) 1-1/4", 2.4# , EUE 8rd tbq jts	5807.00	(1) SN Nipple @ 5806'	1.8	Set at:	5819 ft					
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Additional Notes:			<p>CR @ 7987'</p> <p>DK: 8018' (4 holes) Sqz w/ 50 sx</p> <p>PBDT - 7956' TD - 8148'</p>															

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720

District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720

District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 328301

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 328301
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
kelly.roberts	None	4/1/2024