

<b>Well Name:</b> ROSA UNIT	<b>Well Location:</b> T31N / R6W / SEC 22 / SENE / 36.888235 / -107.443205	<b>County or Parish/State:</b> RIO ARRIBA / NM
<b>Well Number:</b> 606H	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF78766	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b> NMNM078407E
<b>US Well Number:</b> 3003931435	<b>Operator:</b> LOGOS OPERATING LLC	

**Subsequent Report**

**Sundry ID:** 2816215

**Type of Submission:** Subsequent Report

**Type of Action:** Drilling Operations

**Date Sundry Submitted:** 10/09/2024

**Time Sundry Submitted:** 01:29

**Date Operation Actually Began:** 08/19/2024

**Actual Procedure:** Intermediate #2- Amended 8/19 - 8/20/24 - Skid rig from Rosa Unit 604H to the Rosa Unit 606H. NU BOP. Test BOPE per regulations. Good Test. Offline - PT 13-3/8" casing 500psi/30mins. Good test. PU 12-1/4" directional BHA. TIH t/3270'. Drill cement t/3270', float collar t/3284' & shoe track t/3370' & ream rat hole t/3392'. Drill 12-1/4" f/3392' t/4454'. 8/21/24 - Continue to drill 12-1/4" hole f/4454' t/5790' with partial losses. Perform LCM sweeps. No returns established. Circulate. POOH t/ 4768'. Pump LCM pill. POOH to csg shoe allowing pill to set. TIH f/13-3/8" csg shoe t/4400'. 8/22/24- Wash & ream f/4768' t/5790'. Drill 12-1/4" f/5790' t/6153' (TD). Circulate and condition hole. Short trip t/4600'. Circulate. Spot LCM pill in open hole. RU csg crew. Run 9-5/8" w/ DV and packer tools t/400'. 8/23/24 - Continue to RIH 9-5/8" with DV & packer tools t/5200'. Break circulation. Run total 143jts of 9 -5/8" 47#, L-80, BTC csg set@ 6134' w/FC @ 6046'. DV 1 tool @ 4549'. DV 2 tool @ 3464'. Circulate & condition. Pump 1st stage Lead cmt w/458sx (155bbbls, 870cf) Class G/Poz - 65/35, 12.4 ppg, 1.90yield. Tail w/458sx (90bbbls, 504cf) Class G cmt, 15.8ppg, 1.10yield. Shut down. Drop Plug. Displace with 450 bbls of water (lost returns 425 bbls into displacement. Bumped plug from 920 psi to 1520 psi. Begin pumping and inflate packer from 1520 psi to 2700 psi. Bleed back to 1520 psi. Packer inflated 0.5 bbl. Bleed off to check floats. 3 bbls back and floats holding. Circulate B/U. 90bbbls cement returns to surface. RD CRT. ND BOP. RR. Skid rig to Rosa Unit 604H. Set offline adapter. Circulate. WOC. 8/24/24-Off line. Circulate. Pump 2nd stage Lead cmt w/1014sx (343bbbls, 1927cf) Class G/Poz - 65/35, 12.4ppg, 1.90yield. Tail w/235sx (66bbbls, 371cf) Class G/Poz 65/35, 13.2ppg, 1.58yield. Shut down. Drop Plug. Displace with 336 bbls of water (Lost Returns 190 bbls in on displacement, Drop rate from 6bbl/min to 4 bbl/min 176 bbls into displacement, drop to 3 bbl/min after losing returns).Bumped plug to 1520 psi 1000 over circulating pressure. Begin pumping and inflate the packer from 2000 psi to 3380 psi. Bleed back to 2840 psi. Packer inflated with 1 bbl. Bleed off and check floats, Ok. 3rd Stage: Drop Bomb and allow to fall. Open DV tool.

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Circulate out 85 bbls of cement to surface from stage #2. Continue to circulate a total of 2 bottom's up. Pump 3rd stage Lead cmt w/659sx (223bbls, 1252cf) Class G/Poz -65/35, 12.4ppg, 1.90yield. Tail w/146sx (41bbls, 231cf) Class G/Poz 65/35, 13.2ppg, 1.58yield. Displace with 255 bbls of water (Full returns throughout cement job). 34 bbls of cement to surface. Bumped plug to 1700 psi 1000 over circulating pressure. Pressure test will be included on the next sundry.

**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: OCT 09, 2024 01:29 PM

Name: LOGOS OPERATING LLC

Title: REGULATORY SPECIALIST

Street Address: 2010 AFTON PLACE

City: FARMINGTON State: NM

Phone: (505) 324-4145

Email address: LGRANILLO@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: 10/09/2024

Signature: Kenneth Rennick

**District I**  
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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 391372

**CONDITIONS**

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 391372
	Action Type: [C-103] Sub. Drilling (C-103N)

**CONDITIONS**

Created By	Condition	Condition Date
matthew.gomez	Casing PT details must be submitted on the next drilling sundry.	10/11/2024