

Well Name: ROSA UNIT	Well Location: T31N / R6W / SEC 22 / SENE / 36.888251 / -107.443252	County or Parish/State: RIO ARRIBA / NM
Well Number: 604H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF78766	Unit or CA Name: ROSA UNIT	Unit or CA Number: NMNM78407E
US Well Number: 3003931434	Operator: LOGOS OPERATING LLC	

Subsequent Report

Sundry ID: 2816214

Type of Submission: Subsequent Report

Type of Action: Drilling Operations

Date Sundry Submitted: 10/09/2024

Time Sundry Submitted: 01:25

Date Operation Actually Began: 08/23/2024

Actual Procedure: Intermediate #2- Amended 8/23 - 8/24/24 - Skid rig from Rosa Unit 606H to the Rosa Unit 604H. NU BOP. Test BOPE per regulations. Good Test. PT 13-3/8" casing 1500psi/30mins. Good test. PU 12-1/4" directional BHA. TIH t/2900'. Drill cement f/2970'-3411', float collar t/3326' & shoe @ 3411', ream rat hole t/3432'. Drill 12-1/4" f/3432' t/4294'. 8/25-8/26/24- Continue to drill 12-1/4" hole f/4294' t/5834' with partial losses. Drill 12-1/4" 5834' t/6126' with partial losses, then established full returns. Drill 12-1/4" 6126' t/6250' (TD). Circulate t/ 4900'. TIH t/5400'. Wash & ream f/5400' t/6250' no losses. Circulate and condition hole. Perform LCM sweeps. Circulate. RU csg crew. Run 9-5/8" w/ DV and packer tools t/1354'. 8/27- 8/28/24- Land 144 jts total 9-5/8" csg, 142jts (47.0#, L-80, BTC) set @ 6142' above FC @ 6142', 2jts (43.5#, L-80, BTC) w/float shoe set @ 6231'. DV 2 tool @ 3503'. DV 1 tool @ 4648'.Circulate & condition. Begin pumping stage 1 cmt. 8/29/24- Continue to Pump 1st stage Lead cmt w/473sx (160bbbls, 899cf) Class G/Poz - 65/35, 12.4ppg, 1.90yield. Tail w/459sx (90bbbls, 505cf) Class G cmt, 15.8ppg, 1.10yield. Bumped plug from 550 psi to 830 psi. Begin pumping and inflate packer from 830 psi to 2000 psi. Bleed back to 1860 psi. Packer inflated 0.25 bbl. Bleed off to check floats. 1.5 bbls back and floats holding. Drop Bomb to open DV tool. Pressure up @ 2 BPM to 600 psi. Pumped 18 bbls before returns. Swap over to rig and Continue circulating with rig pumps. 55 bbls of good cement back to surface. Continue Circulating till Pressures stabilize and clear returns. RD cmt equipment. ND BOP and release rig. Offline. RU offline adapter and Circulate. Pump 2nd stage Lead cmt w/1023sx (346bbbls, 1944cf) Class G/Poz - 65/35, 12.4ppg, 1.90yield. Tail w/242sx (68bbbls, 382cf) Class G/Poz 65/35, 13.2ppg, 1.58yield. Shut down. Drop Plug. Displace with 346 bbls of water (Lost Returns 187 bbls in on displacement, regain returns at 232 bbls, lost returns 40 bbls before bumping plug, 0 bbls of spacer and 0 bbls of cement to surface. Bumped plug from 600 psi to 16000 psi 1000 over circulating pressure. Begin pumping and inflate packer from 1600 psi to 3140 psi. Bleed back to 1600 psi. Packer inflated with 0.5

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bbl. Bleed of and check floats, Good. Drop Bomb to open upper DV tool. Pressure up @ 2 BPM to 600 psi. Pumped 58 bbls before returns. 130 bbls of good cement back to surface. Continue Circulating till Pressures stabilize and clear returns. Pump 3rd stage Lead cmt w/668sx (226bbls, 1269cf) Class G/Poz -65/35, 12.4ppg, 1.90yield. Tail w/146sx (41bbls, 231cf) Class G/Poz 65/35, 13.2ppg, 1.58yield.) Shut down. Drop Plug. Displace with 261 bbls of water (Full returns throughout cement job). 60 bbls of cement to surface. Bumped plug to 1800 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 01:25 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

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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 391371

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Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 391371
	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