

<b>Well Name:</b> ROSA UNIT	<b>Well Location:</b> T31N / R5W / SEC 7 / NESE / 36.913792 / -107.399109	<b>County or Parish/State:</b> RIO ARRIBA / NM
<b>Well Number:</b> 704H	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF0078767	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b> MNM078407E
<b>US Well Number:</b> 3003931442	<b>Operator:</b> LOGOS OPERATING LLC	

### Subsequent Report

**Sundry ID:** 2803622

**Type of Submission:** Subsequent Report

**Type of Action:** Drilling Operations

**Date Sundry Submitted:** 07/29/2024

**Time Sundry Submitted:** 02:37

**Date Operation Actually Began:** 06/08/2024

**Actual Procedure:** 6/8 - 6/9/2024 - Skid rig f/Rosa Unit 702H t/Rosa Unit 704H. NU & test BOP. Good test. TIH drill DV tool 1 & 2 at 3515' & 4701'. PT 9-5/8" casing 1600psi/30min. Good test. TIH to 6184'. Wash to FC. Drill float collar @ 6148'. Drill shoe track to 6260'. TOOH. ND BOP. Skid rig Rosa Unit 705H. RR. 6/27/2024 - RU WL. Run CBL. Estimated TOC @ surface. 7/14/2024 - Skid rig from Rosa Unit 702H to Rosa Unit 704H. NU BOP. Test BOPE per regulations. Good test. PU 8.5" directional BHA. TIH to 2100'. 7/15 - 7/19/2024 - Cont to 6200'. Ream to 6260'. Drill out cmt for remainder of shoe track f/6260' t/6294'. Displace with OBM. Clean out old hole to 6323'. Drill 10' new hole to 6333'. Circulate hole clean. Drill 8.5" f/6333' t/20,997' (TD). Perform clean up cycles. Pump slug & begin stripping out of hole to 8620'. 7/20 - 7/21/2024 - Continue to SOOH to 2404'. Spot kill pill. POOH laydown directional BHA. ND flow line & rotating head. Replace annular element. NU rotating head and flowline. Test annular per regulations. RU casing crew. RIH w/5.5" casing to 19,448'. 7/22/2024 - Continue to RIH w/463jts of 5.5" 20#, HCP-110, BTC csg set @ 20,977' w/FC @ 20,881'. Toe sleeves @ 20,738' - 20,741' & 20,786' - 20,789'. Circulate & condition. Pump 370sxs (126bbbls, 703cf) Class G/Poz 65/35, 12.40ppg, 1.90yield. Tail w/2526sxs (715bbbls, 4016cf) Class G/Poz 65/35, 13.2ppg, 1.59yield. Displaced w/463bbbls. Bumped plug to 2800psi. PT 5.5" casing 1600psi/30mins. Good test. 83bbbls of spacer to surface. RD CRT. Set Pack-off. PT WH seals to 10k. Good test. ND BOP. RR. Skid rig to Rosa Unit 705H. 7/24/2024 - RU WL. Run CBL f/6850' t/surface. Estimated TOC @ 420'.

Well Name: ROSA UNIT

Well Location: T31N / R5W / SEC 7 /  
NESE / 36.913792 / -107.399109County or Parish/State: RIO  
ARRIBA / NM

Well Number: 704H

Type of Well: CONVENTIONAL GAS  
WELL

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Lease Number: NMSF0078767

Unit or CA Name:

Unit or CA Number:  
NMNM078407E

US Well Number: 3003931442

Operator: LOGOS OPERATING LLC

**SR Attachments****PActual Procedure**

3160\_005\_Rosa\_Unit\_704H\_Production\_Subsequent\_Report\_20240724\_20240729143719.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: ETTA TRUJILLO

Signed on: JUL 29, 2024 02:38 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: 07/30/2024

Signature: Kenneth Rennick

Form 3160-5  
(June 2019)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB  
No. 1004-0137 Expires:  
December 31, 2024

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

5. Lease Serial No.  
NMSF078767

6. If Indian, Allottee or Tribe Name

<b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>		7. If Unit of CA/Agreement, Name and/or No.
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		8. Well Name and No. ROSA UNIT 704H
2. Name of Operator LOGOS OPERATING, LLC		9. API Well No. 30-039-31442
3a. Address 2010 AFTON PLACE FARMINGTON, NM 87401	3b. Phone No. (include area code) (505) 278-8720	10. Field and Pool or Exploratory Area BASIN MANCOS
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) UNIT 1 SEC 7 T31N 5W 2592' FSL 1308' FEL		11. Country or Parish, State RIO ARRIBA, NEW MEXICO

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA	
TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Hydraulic Fracturing <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input checked="" type="checkbox"/> Other <b>Production</b>
	<input type="checkbox"/> Change Plans <input type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be perfonned or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has detennined that the site is ready for final inspection.)

6/8 - 6/9/2024 - Skid rig f/Rosa Unit 702H t/Rosa Unit 704H. NU & test BOP. Good test. TIH drill DV tool 1 & 2 at 3515' & 4701'. **PT 9-5/8" casing 1600psi/30min. Good test.** TIH to 6184'. Wash to FC. Drill float collar @ 6148'. Drill shoe track to 6260'. TOOH. ND BOP. Skid rig Rosa Unit 705H. RR.

6/27/2024 - RU WL. Run CBL. Estimated TOC @ surface.

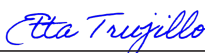
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7/22/2024 - Continue to **RIH w/463jts of 5.5" 20#, HCP-110, BTC csg set @ 20,977' w/FC @ 20,881'**. Toe sleeves @ 20,738' - 20,741' & 20,786' - 20,789'. Circulate & condition. Pump 370sxs (126bbbs, 703cf) Class G/Poz 65/35, 12.40ppg, 1.90yield. Tail w/2526sxs (715bbbs, 4016cf) Class G/Poz 65/35, 13.2ppg, 1.59yield. Displaced w/463bbbs. Bumped plug to 2800psi. **PT 5.5" casing 1600psi/30mins. Good test.** 83bbbs of spacer to surface. RD CRT. Set Pack-off. PT WH seals to 10k. Good test. ND BOP. RR. Skid rig to Rosa Unit 705H.

7/24/2024 - RU WL. **Run CBL f/6850' t/surface. Estimated TOC @ 420'.**

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)		Title
Etta Trujillo		Regulatory Specialist
Signature		Date
		7/26/2024

THE SPACE FOR FEDERAL OR STATE OFFICE USE		
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office	

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.

(Instructions on page 2)

**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 368576

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 368576
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
matthew.gomez	None	8/22/2024