

Well Name: ROSA UNIT	Well Location: T31N / R5W / SEC 7 / SWNE / 36.914073 / -107.399356	County or Parish/State: RIO ARRIBA / NM
Well Number: 701H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF78767	Unit or CA Name: ROSA UNIT	Unit or CA Number: NMNM78407E
US Well Number: 3003931440	Operator: LOGOS OPERATING LLC	

Subsequent Report

Sundry ID: 2801843

Type of Submission: Subsequent Report

Type of Action: Drilling Operations

Date Sundry Submitted: 07/18/2024

Time Sundry Submitted: 02:44

Date Operation Actually Began: 04/30/2024

**Actual Procedure:** 4/29/24 - PT 13-3/8" casing to 1500psi/30mins. Good test. 4/30 - 5/2/24 - Skid rig to Rosa Unit 701H. NU BOP. Test BOPE per regulations. Good Test. MU 12-1/4" bit. Drill mouse hole to 120'. LD BHA. PU 12-1/4" INT BHA. TIH to 3166'. Wash & ream to top of float collar @ 3319'. Drill shoe track f/3319' t/3410'. Clean out old hole to 3425'. Drill f/3425' t/4402'. 5/3 - 5/2024 - Drill 12-1/4" hole f/4402' t/5782'. Pump LCM sweeps to regain circulation as needed. Drill f/5782' t/5843. Lost returns. Back ream out of hole to 5300'. POOH to 3286'. Circulate over top of hole to let it heal. TIH, wash & ream to 5843. Drill f/5843' t/6031' while fighting lost circulation. Pumping sweeps to regain circulation. Lost full returns at 6031'. Circulate 2 LCM sweeps. POOH to 4396'. Mix and Sqz LCM pill. POOH to casing shoe. TIH wash & ream f/4300' t/6031'. Drill f/6031' t/6278' (TD). Circulate & condition. POOH. Laydown BHA. RU WL. Run caliper log. RD WL PU CRT. 5/6 - 5/7/2024 - Rig csg crew. RIH w/143jts of 9.625" 47#, L-80, BTC csg set @ 6248' w/FC @ 6156'. DV tool @ 4694' & 3496'. Circulate & condition. Pump 1st stage Lead cmt w/464sx (157bbbs, 882cf) Class G/Poz - 65/35, 12.4 ppg, 1.90yield. Tail w/458sx (90bbbs, 505cf) Class G cmt, 15.8ppg, 1.10yield. Displaced w/451 bbs. Bumped plug w/900psi. Inflate ACP. Open DV tool. Circulate BU - 23bbbs cmt to surface. ND BOP. RR. Skid rig to Rosa Unit 704H. Circulate and WOC. Offline Pump 2nd stage Lead cmt w/1016sx (344bbbs, 1930cf) Class G/Poz - 65/35, 12.4ppg, 1.90yield. Tail w/274sx (77bbbs, 433cf) Class G/Poz 65/35, 13.2ppg, 1.58yield. Displaced w/341bbbs. Lost returns @ 206bbbs. 8bbbs of cmt to surface. Bump plug w/1860psi. Inflate ACP. Drop DV2 cancelation plug. Cancel stage 3. RD. Pressure test will be reported on the next sundry.

Received by OCD: 7/19/2024 6:46:59 AM

Well Name: ROSA UNIT

Well Location: T31N / R5W / SEC 7 / SWNE / 36.914073 / -107.399356

County or Parish/State: RIO ARRIBA / NM

Well Number: 701H

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMSF78767

Unit or CA Name: ROSA UNIT

Unit or CA Number: NMNM78407E

US Well Number: 3003931440

Operator: LOGOS OPERATING LLC

SR Attachments

PActual Procedure

3160\_005\_Rosa\_Unit\_701H\_Intermediate2\_Subsequent\_Report\_20240507\_AMENDED\_20240718144408.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 18, 2024 02:44 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: 07/18/2024

Signature: Kenneth Rennick

Form 3160-5  
(June 2019)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Amended

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator  
LOGOS OPERATING, LLC

3a. Address 2010 AFTON PLACE  
FARMINGTON, NM 87401

3b. Phone No. (include area code)  
(505) 278-8720

4. Location of Well (Footage, Sec., T.,R.,M., or Survey Description)  
UNIT J SEC 7 T31N 5W 2633' FSL 1337' FEL

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.  
ROSA UNIT 701H

9. API Well No.  
30-039-31440

10. Field and Pool or Exploratory Area  
BASIN MANCOS

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 type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Intermediate 2
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
<input type="checkbox"/> Final Abandonment Notice	<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 recompleate 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 recompleation 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.)

4/29/24 - PT 13-3/8" casing to 1500psi/30mins. Good test.

4/30 - 5/2/24 - Skid rig to Rosa Unit 701H. NU BOP. Test BOPE per regulations. Good Test. MU 12-1/4" bit. Drill mouse hole to 120'. LD BHA. PU 12-1/4" INT BHA. TIH to 3166'. Wash & ream to top of float collar @ 3319'. Drill shoe track f/3319' t/3410'. Clean out old hole to 3425'. Drill f/3425' t/4402'.

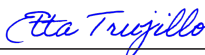
5/3 - 5/2024 - Drill 12-1/4" hole f/4402' t/5782'. Pump LCM sweeps to regain circulation as needed. Drill f/5782' t/5843. Lost returns. Back ream out of hole to 5300'. POOH to 3286'. Circulate over top of hole to let it heal. TIH, wash & ream to 5843. Drill f/5843' t/6031' while fighting lost circulation. Pumping sweeps to regain circulation. Lost full returns at 6031'. Circulate 2 LCM sweeps. POOH to 4396'. Mix and Sqz LCM pill. POOH to casing shoe. TIH wash & ream f/4300' t/6031'. Drill f/6031' t/6278' (TD). Circulate & condition. POOH. Laydown BHA. RU WL. Run caliper log. RD WL PU CRT.

5/6 - 5/7/2024 - Rig csg crew. RIH w/143jts of 9.625" 47#, L-80, BTC csg set @ 6248' w/FC @ 6156'. DV tool @ 4694' & 3496'. Circulate & condition. Pump 1st stage Lead cmt w/464sx (157bbls, 882cf) Class G/Poz - 65/35, 12.4 ppg, 1.90yield. Tail w/458sx (90bbls, 505cf) Class G cmt, 15.8ppg, 1.10yield. Displaced w/451 bbls. Bumped plug w/900psi. Inflate ACP. Open DV tool. Circulate BU - 23bbls cmt to surface. ND BOP. RR. Skid rig to Rosa Unit 704H. Circulate and WOC. Offline Pump 2nd stage Lead cmt w/1016sx (344bbls, 1930cf) Class G/Poz - 65/35, 12.4ppg, 1.90yield. Tail w/274sx (77bbls, 433cf) Class G/Poz 65/35, 13.2ppg, 1.58yield. Displaced w/341bbls. Lost returns @ 206bbls. 8bbls of cmt to surface. Bump plug w/1860psi. Inflate ACP. Drop DV2 cancelation plug. Cancel stage 3. RD.

Pressure test will be reported on the next sundry.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
Etta Trujillo

Title Regulatory Specialist

Signature 

Date 7/17/2024

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 365570

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 365570
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
matthew.gomez	None	8/21/2024