

Form 3160-5  
(June 2019)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENTFORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2021**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.  
NMSF078773  
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 874013b. Phone No. (include area code)  
(505) 278-8720

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEC 33 T31N R05W NENW (C) 334 FNL 1682 FWL

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

NMNM78407E

8. Well Name and No.

ROSA UNIT 742H

9. API Well No.

30-039-31419

10. Field and Pool or Exploratory Area

BASIN MANCOS

11. Country or Parish, State

RIO ARRIBA COUNTY, NM

## 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	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon		Intermediate casing
<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 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 performed 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 determined that the site is ready for final inspection.

4/24/23 - Skid rig from Rosa Unit 744H to Rosa Unit 742H. NU conductor &amp; flow line.

4/25/23 - TIH tag cement @ 193'. Drill f/193' t/369'. TOOH. Drill 17.5" hole f/372' t/450'. TOOH. Lay down bit, ND conductor. Skid rig to Rosa Unit 746H.

4/26 - 4/27/23 - Skid rig from Rosa Unit 744H to Rosa Unit 742H. Run Gyro survey. RD WL tools. PU 17.5" BHA &amp; MWD tools. TIH &amp; wash f/350' t/450'. Drill f/450' t/1704'. Circulate &amp; condition. POOH.

4/28 - 4/30/23 - TIH to 1600', wash &amp; ream f/1600' t/1704'. Cont to drill 17.5" hole f/1704' t/3040'. Circ. TOOH. Wash &amp; ream f/2757' t/3040'. Drill 17.5" hole f/3040' t/3468'. Partial losses. Mix &amp; pump sweeps and cured losses.

5/1/23 - RU csg equipment. Drill 17.5" hole f/3468' t/3697'. TOOH. ND conductor. RU csg crew. RIH w/13-3/8" to 3577', hit tight spot @ 3577'. Wash csg f/3577' t/3597', work through bridges.

5/2/23 - Continue to wash csg f/3597' t/3614'. Could not wash casing any deeper. **Received verbal approval from Monica Kuehling (NMOCD) and Virgil Lucero (BLM) to set 13-3/8" csg @ 3594'.** Landed 80jts 13-3/8", 61.0#, 55, BTC, @ 3594', FC @ 3501'. RD csg equipment. Circ. RU cmt equipment. Walk rig to Rosa Unit 744H. Mix & pump 2200sx (744bbls, 4177cf) Class G/Poz - 65/35, 12.4 ppg, 1.90yield. Tail w/500sx (100bbls, 561.5cf) Class G cmt, 15.8ppg, 1.15yield. Displaced w/533 bbls. Bumped plug w/720psi. Circ 186bbls good cement back to surface.

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 *Etta Trujillo*

Date 5/18/2023

**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)

<b>Well Name:</b> ROSA UNIT	<b>Well Location:</b> T31N / R05W / SEC 33 / NENW / 36.862321 / -107.370875	<b>County or Parish/State:</b> RIO ARRIBA / NM
<b>Well Number:</b> 742H	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF0078773	<b>Unit or CA Name:</b>	<b>Unit or CA Number:</b> NMNM078407E
<b>US Well Number:</b> 300393141900X1	<b>Well Status:</b> Drilling Well	<b>Operator:</b> LOGOS OPERATING LLC

### Subsequent Report

**Sundry ID:** 2731963

**Type of Submission:** Subsequent Report

**Type of Action:** Drilling Operations

**Date Sundry Submitted:** 05/22/2023

**Time Sundry Submitted:** 01:08

**Date Operation Actually Began:** 04/23/2023

**Actual Procedure:** 4/24/23 - Skid rig from Rosa Unit 744H to Rosa Unit 742H. NU conductor & flow line. 4/25/23 - TIH tag cement @ 193'. Drill f/193' t/369'. TOOH. Drill 17.5" hole f/372' t/450'. TOOH. Lay down bit, ND conductor. Skid rig to Rosa Unit 746H. 4/26 - 4/27/23 - Skid rig from Rosa Unit 744H to Rosa Unit 742H. Run Gyro survey. RD WL tools. PU 17.5" BHA & MWD tools. TIH & wash f/350' t/450'. Drill f/450' t/1704'. Circulate & condition. POOH. 4/28 - 4/30/23 - TIH to 1600', wash & ream f/1600' t/1704'. Cont to drill 17.5" hole f/1704' t/3040'. Circ. TOOH. Wash & ream f/2757' t/3040'. Drill 17.5" hole f/3040' t/3468'. Partial losses. Mix & pump sweeps and cured losses. 5/1/23 - RU csg equipment. Drill 17.5" hole f/3468' t/ 3697'. TOOH. ND conductor. RU csg crew. RIH w/13-3/8" to 3577', hit tight spot @ 3577'. Wash csg f/3577' t/3597', work through bridges. 5/2/23 - Continue to wash csg f/3597' t/3614'. Could not wash casing any deeper. Received verbal approval from Monica Kuehling (NMOCD) and Virgil Lucero (BLM) to set 13-3/8" csg @ 3594'. Landed 80jts 13-3/8", 61.0#, 55, BTC, @ 3594', FC @ 3501'. RD csg equipment. Circ. RU cmt equipment. Walk rig to Rosa Unit 744H. Mix & pump 2200sx (744bbbls, 4177cf) Class G/Poz - 65/35, 12.4 ppg, 1.90yield. Tail w/500sx (100bbbls, 561.5cf) Class G cmt, 15.8ppg, 1.15yield. Displaced w/533 bbbls. Bumped plug w/720psi. Circ 186bbbls good cement back to surface. Pressure test will be reported on the next sundry.

Well Name: ROSA UNIT

Well Location: T31N / R05W / SEC 33 /  
NENW / 36.862321 / -107.370875County or Parish/State: RIO  
ARRIBA / NM

Well Number: 742H

Type of Well: CONVENTIONAL GAS  
WELL

Allottee or Tribe Name:

Lease Number: NMSF0078773

Unit or CA Name:

Unit or CA Number:  
NMNM078407E

US Well Number: 300393141900X1

Well Status: Drilling Well

Operator: LOGOS OPERATING  
LLC**SR Attachments****PActual Procedure**

3160\_5\_Rosa\_Unit\_742H\_Intermediate1\_subsequent\_report\_20230502\_20230522130826.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: MAY 22, 2023 01:07 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: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 05/23/2023

Signature: Matthew Kade

**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 220116

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 220116
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
nmurphy	None	8/2/2023