

Form 3160-5  
(June 2019)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM 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 87401

3b. 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) 349' FNL 1683' FWL

7. If Unit of CA/Agreement, Name and/or No.  
NMNM78407E

8. Well Name and No.  
ROSA UNIT 744H

9. API Well No.  
30-039-31423

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 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Intermediate2 Casing
	<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 recomplete 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 recompletion 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.)

5/02/2023 - Walk rig from Rosa Unit 742H. Lay down conductor. NU BOP.

5/3/2023 - NU BOPE. Pressure Test 13-3/8" csg to 1500psi/30mins. Test good. TIH to 3518', wash to top of FC @ 3553'. Drill out shoe track @ 3642' & rathole @ 3665'. Drill 12.25" f/3665' t/4410'.

5/4/2023 - Drill 12.25" hole f/4410' t/5423'. Circulate sweeps. Make wiper trip to 3500'. TIH wash & ream f/5232' t/5423'. Cont drilling f/5423' t/5625'. Circ & spot 30bbls. TOOH for new bit.

5/5 - 5/6/2023 - TIH. Drill t/5832', lost returns. PUH t/5500', pump x-prima squeeze. Condition & circulate. Ream f/5485' to 5832'. Drill f/5832' t/6395' (TD), condition & circulate as needed.

5/7/2023 - Short trip t/5490'. Circ & cond hole @ 6395'. TOOH. RU csg equipment. TIH w/141jts 9-5/8", 47#, L-80, BTC, landed @ 6384', FC @ 6294'. DV tool @ 4834'. RD csg equipment. Circ.

5/8/2023 - Pump Stage 1, Lead Cement 393sx (133bbls, 747cf) Class G/Poz - 65/35 cmt, 12.4ppg, 1.90yield. Tail cement w/459sx (90bbls, 505cf) Class G cmt, 15.8ppg, 1.10yield. Displaced w/467bbls. Bumped plug w/500psi. Open DV tool @ 4834'. Circulated 27bbls of good cement back to surface. RD cmt equipment. ND BOP. Walk rig to Rosa Unit 742H. WOC. Pump Stage 2, Lead Cement 987sx (334bbls, 1875cf) Class G/Poz - 65/35 cmt, 12.4ppg, 1.90yield. Tail cement w/238sx (67bbls, 376cf) Class G cmt, 13.2ppg, 1.58yield. Displaced w/354bbls. Lost returns after 265bbls displacement. Bump plug w/1900psi. Close DV Tool. No cement returns to surface. Plans to run CBL.

Pressure test & CBL results 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 05/17/2023

**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 / 36.862442 / -107.37092	<b>County or Parish/State:</b> RIO ARRIBA / NM
<b>Well Number:</b> 744H	<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> 300393142300X1	<b>Well Status:</b> Drilling Well	<b>Operator:</b> LOGOS OPERATING LLC

**Subsequent Report**

**Sundry ID:** 2731636

**Type of Submission:** Subsequent Report

**Type of Action:** Drilling Operations

**Date Sundry Submitted:** 05/18/2023

**Time Sundry Submitted:** 01:43

**Date Operation Actually Began:** 05/02/2023

**Actual Procedure:** 5/02/2023 - Walk rig from Rosa Unit 742H. Lay down conductor. NU BOP. 5/3/2023 - NU BOPE. Pressure Test 13-3/8" csg to 1500psi/30mins. Test good. TIH to 3518', wash to top of FC @ 3553'. Drill out shoe track @ 3642' & rathole @ 3665'. Drill 12.25" f/3665' t/4410'. 5/4/2023 - Drill 12.25" hole f/4410' t/5423'. Circulate sweeps. Make wiper trip to 3500'. TIH wash & ream f/5232' t/5423'. Cont drilling f/5423' t/5625'. Circ & spot 30bbls. TOOH for new bit. 5/5 - 5/6/2023 - TIH. Drill t/5832', lost returns. PUH t/5500', pump x-prima squeeze. Condition & circulate. Ream f/5485' to 5832'. Drill f/5832' t/6395' (TD), condition & circulate as needed. 5/7/2023 - Short trip t/5490'. Circ & cond hole @ 6395'. TOOH. RU csg equipment. TIH w/141jts 9-5/8", 47#, L-80, BTC, landed @ 6384', FC @ 6294'. DV tool @ 4834'. RD csg equipment. Circ. 5/8/2023 - Pump Stage 1, Lead Cement 393sx (133bbls, 747cf) Class G/Poz - 65/35 cmt, 12.4ppg, 1.90yield. Tail cement w/459sx (90bbls, 505cf) Class G cmt, 15.8ppg, 1.10yield. Displaced w/467bbls. Bumped plug w/500psi. Open DV tool @ 4834'. Circulated 27bbls of good cement back to surface. RD cmt equipment. ND BOP. Walk rig to Rosa Unit 742H. WOC. Pump Stage 2, Lead Cement 987sx (334bbls, 1875cf) Class G/Poz - 65/35 cmt, 12.4ppg, 1.90yield. Tail cement w/238sx (67bbls, 376cf) Class G cmt, 13.2ppg, 1.58yield. Displaced w/354bbls. Lost returns after 265bbls displacement. Bump plug w/1900psi. Close DV Tool. No cement returns to surface. Plans to run CBL. Pressure test & CBL results will be reported on the next sundry.

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Well Location: T31N / R05W / SEC 33 / NENW / 36.862442 / -107.37092

County or Parish/State: RIO ARRIBA / NM

Well Number: 744H

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: 300393142300X1

Well Status: Drilling Well

Operator: LOGOS OPERATING LLC

SR Attachments

PActual Procedure

3160\_5\_Rosa\_Unit\_744H\_Intermediate2\_subsequent\_report\_20230508\_20230518134314.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 18, 2023 01:42 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: 05/19/2023

Signature: Kenneth Rennick

**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 219360

**CONDITIONS**

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 219360
	Action Type: [C-103] Sub. Drilling (C-103N)

**CONDITIONS**

Created By	Condition	Condition Date
kelly.roberts	None	8/2/2023