

Form 3160-5  
(June 2019)

Amended

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. NMSF078766

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

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

1. Type of Well

Oil Well  Gas Well  Other

8. Well Name and No.

ROSA UNIT 612H

2. Name of Operator

LOGOS OPERATING, LLC

9. API Well No.

30-039-31432

3a. Address

2010 AFTON PLACE  
FARMINGTON, NM 87401

3b. Phone No. (include area code)

(505) 278-8720

10. Field and Pool or Exploratory Area

BLANCO MANCOS

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

SEC 23 T31NR06W NWSW (L) 1814' FSL 448' FWL

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	Production
	<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.)

11/4/2023 - Skid rig from Rosa Unit 614H to Rosa Unit 612H. NU BOPE. P/U BHA and TIH. Drill and clean out DV tool #1 & #2. Pressure test 9-5/8" 1500psi/30mins. Test good. POOH f/4600' to surface. RU and RIH with CBL. **TOC @ surface.** Received approval from NMOCD (Monica Kuehling) & BLM (Virgil Lucero) to move forward.

11/5 - 11/9/2023 - PU 8.5" curve/lateral BHA. Drill 8.5" hole 11,872. Downhole motor failure. Condition & circulate. TOOH. Rig repairs.

11/10 - 11/11/2023 - TIH wash and ream f/6303' t/7505'. TIH wash & ream f/9689' t/11,872'. Drill 8.5" production hole f/11,872' t/ 17,310' (TD). Circulate and condition.

11/12/2023 - Rig up casing equipment. **RIH w/387jts 5.5" csg, 20.0#, HCP-110, landed @ 17,288', FC @ 17,194'**. Rig down csg crew. Condition & circulate. Pump 353sx (120bbbls, 674cf) Class G 65/35 cement., 12.4ppg, 1.91yield. Tailed w/1921sk (544bbbls, 3054cf) Class G 65/35 cement, 13.2ppg, 1.59yield. Displaced with 383bbbls FW. Pressure test 5.5" casing with 1500psi/30mins. Set wellhead packoff. ND BOP. Install night cap on wellhead. Skid rig to Rosa Unit 614H.

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

Date 12/01/2023

**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.

**GENERAL INSTRUCTIONS**

(Instructions on page 2)

<b>Well Name:</b> ROSA UNIT	<b>Well Location:</b> T31N / R6W / SEC 23 / NWSW / 36.882852 / -107.43965	<b>County or Parish/State:</b> RIO ARRIBA / NM
<b>Well Number:</b> 612H	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b> NMSF78766	<b>Unit or CA Name:</b> ROSA UNIT	<b>Unit or CA Number:</b> NMNM78407E
<b>US Well Number:</b> 3003931432	<b>Well Status:</b> Drilling Well	<b>Operator:</b> LOGOS OPERATING LLC

**Subsequent Report**

**Sundry ID:** 2764188

**Type of Submission:** Subsequent Report

**Type of Action:** Drilling Operations

**Date Sundry Submitted:** 12/04/2023

**Time Sundry Submitted:** 09:15

**Date Operation Actually Began:** 11/04/2023

**Actual Procedure:** \*Amended 11/4/2023 - Skid rig from Rosa Unit 614H to Rosa Unit 612H. NU BOPE. P/U BHA and TIH. Drill and clean out DV tool #1 & #2. Pressure test 9-5/8" 1500psi/30mins. Test good. POOH f/4600' to surface. RU and RIH with CBL. TOC @ surface. Received approval from NMOC (Monica Kuehling) & BLM (Virgil Lucero) to move forward. 11/5 - 11/9/2023 - PU 8.5" curve/lateral BHA. Drill 8.5" hole 11,872. Downhole motor failure. Condition & circulate. TOOH. Rig repairs. 11/10 - 11/11/2023 - TIH wash and ream f/6303' t/7505'. TIH wash & ream f/9689' t/11,872'. Drill 8.5" production hole f/11,872' t/ 17,310' (TD). Circulate and condition. 11/12/2023 - Rig up casing equipment. RIH w/387jts 5.5" csg, 20.0#, HCP-110, landed @ 17,288', FC @ 17,194'. Rig down csg crew. Condition & circulate. Pump 353sx (120bbls, 674cf) Class G 65/35 cement., 12.4ppg, 1.91yield. Tailed w/1921sk (544bbls, 3054cf) Class G 65/35 cement, 13.2ppg, 1.59yield. Displaced with 383bbls FW. Pressure test 5.5" casing with 1500psi/30mins. Set wellhead packoff. ND BOP. Install night cap on wellhead. Skid rig to Rosa Unit 614H. CBL results will be reported on the next sundry.

**SR Attachments**

**PActual Procedure**

3160\_5\_Rosa\_Unit\_612H\_Production\_Subsequent\_Report\_20231113\_20231204090440.pdf

Well Name: ROSA UNIT

Well Location: T31N / R6W / SEC 23 / NWSW / 36.882852 / -107.43965

County or Parish/State: RIO ARRIBA / NM

Well Number: 612H

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: 3003931432

Well Status: Drilling Well

Operator: LOGOS OPERATING LLC

**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: DEC 04, 2023 09:16 AM

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: 12/04/2023

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 291730

**CONDITIONS**

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 291730
	Action Type: [C-103] Sub. Drilling (C-103N)

**CONDITIONS**

Created By	Condition	Condition Date
kelly.roberts	for future submittals report results of pressure test. All pressure test reports must include amount of pressure applied, duration of test, and results of test.	2/13/2024