

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) 363' FNL 1685' FWL

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

NMNM78407E

## 8. Well Name and No.

ROSA UNIT 746H

## 9. API Well No.

30-039-31416

## 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	Intermediate2	
<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.)

7/04/2023 - Walk rig from Rosa Unit 745H to Rosa Unit 746H. Removed night cap. NU & test BOP. Tested 13-3/8" casing to 1500psi. Test good.

7/05/2023 - PU BHA. TIH f/169' t/3548'. Tag cmt @ 3548'. Drill cmt & float equipment f/3548' t/3710'. Drill 12.25" hole f/3710' t/5455'.

7/06/ - 7/07/2023 - Continue to drill 12.25" hole f/5455' t/6604' (Reached TD on 7/7/2023). Condition & circulate. POOH and L/D directional BHA. RU csg equipment. RIH w/9-5/8" csg to 4522'.

7/08/2023 - Finish RIH w/145jts of 9-5/8", 47#, L-80, BTC csg set @ 6584' w/FC @ 6489'. DV tool @ 4977' & 3774'. Condition & circulate. RU cmt crew. Mix & pump Lead cement 464sx (157bbls, 881cf) Premium G Lead cmt, 12.4ppg, 1.90yield. Tail cement w/459sx (90bbls, 504cf) Class G 65/35 cmt, 15.8ppg, 1.10yield. Displaced 475bbls of mud. Bump plug @ 500psi. Open DV tool. Circulated 50bbls cmt back to surface. Condition & circulate. Lay down landing joint. PU & set 9-5/8" pack off in WH. Test seals to 10,000psi. Perform pull test to 40k. All test good. ND BOP. RR to Rosa Unit 745H. Offline cement. Mix & pump 975sx (335bbls, 1853cf) Premium G Lead cmt, 12.4ppg, 1.90yield. Tail cement w/259sx (78bbls, 409cf) Class G 65/35, 13.2ppg, 1.58yield. Displaced w/265bbls mud, bumped plug w/1200psi. 20bbls of good cement back to surface. Drop cancellation plug on DV tool #2. Close DV tool.

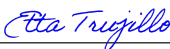
Pressure test will be reported on the next sundry.

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

Etta Trujillo

Title Regulatory Specialist

Signature



Date 07/25/2023

**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)

Well Name: ROSA UNIT	Well Location: T31N / R5W / SEC 33 / NENW / 36.862318 / -107.370906	County or Parish/State: RIO ARRIBA / NM
Well Number: 746H	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: 300393141600X1	Well Status: Drilling Well	Operator: LOGOS OPERATING LLC

Subsequent Report

Sundry ID: 2743159

Type of Submission: Subsequent Report

Date Sundry Submitted: 07/27/2023

Date Operation Actually Began: 07/04/2023

Type of Action: Drilling Operations

Time Sundry Submitted: 11:28

**Actual Procedure:** 7/04/2023 - Walk rig from Rosa Unit 745H to Rosa Unit 746H. Removed night cap. NU & test BOP. Tested 13-3/8" casing to 1500psi. Test good. 7/05/2023 - PU BHA. TIH f/169' t/3548'. Tag cmt @ 3548'. Drill cmt & float equipment f/3548' t/3710'. Drill 12.25" hole f/3710' t/5455'. 7/06/ - 7/07/2023 - Continue to drill 12.25" hole f/5455' t/6604' (Reached TD on 7/7/2023). Condition & circulate. POOH and L/D directional BHA. RU csg equipment. RIH w/9-5/8" csg to 4522'. 7/08/2023 - Finish RIH w/145jts of 9-5/8", 47#, L-80, BTC csg set @ 6584' w/FC @ 6489'. DV tool @ 4977' & 3774'. Condition & circulate. RU cmt crew. Mix & pump Lead cement 464sx (157bbls, 881cf) Premium G Lead cmt, 12.4ppg, 1.90yield. Tail cement w/459sx (90bbls, 504cf) Class G 65/35 cmt, 15.8ppg, 1.10yield. Displaced 475bbls of mud. Bump plug @ 500psi. Open DV tool. Circulated 50bbls cmt back to surface. Condition & circulate. Lay down landing joint. PU & set 9-5/8" pack off in WH. Test seals to 10,000psi. Perform pull test to 40k. All test good. ND BOP. RR to Rosa Unit 745H. Offline cement. Mix & pump 975sx (335bbls, 1853cf) Premium G Lead cmt, 12.4ppg, 1.90yield. Tail cement w/259sx (78bbls, 409cf) Class G 65/35, 13.2ppg, 1.58yield. Displaced w/265bbls mud, bumped plug w/1200psi. 20bbls of good cement back to surface. Drop cancelation plug on DV tool #2. Close DV tool. Pressure test will be reported on the next sundry.

Received by OCD: 7/28/2023 10:56:55 AM

Well Name: ROSA UNIT

Well Location: T31N / R5W / SEC 33 / NENW / 36.862318 / -107.370906

County or Parish/State: RIO ARRIBA / NM

Well Number: 746H

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: 300393141600X1

Well Status: Drilling Well

Operator: LOGOS OPERATING LLC

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SR Attachments

PActual Procedure

3160\_5\_Rosa\_Unit\_746H\_Intermediate2\_subsequent\_report\_20230708\_20230727112820.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 27, 2023 11:28 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 Phone: 5055647736

Disposition: Accepted

Signature: Matthew Kade

BLM POC Title: Petroleum Engineer

BLM POC Email Address: MKADE@BLM.GOV

Disposition Date: 07/27/2023

**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 245515

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 245515
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

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