

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 ☐ Other2. Name of Operator  
LOGOS OPERATING LLC3a. Address  
2010 AFTON PLACE  
FARMINGTON, NM 874013b. Phone No. (include area code)  
(505) 278-87204. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SEC 33 T31N R05W NENW (C) 319 FNL 1681 FWL7. If Unit of CA/Agreement, Name and/or No.  
NMNM78407E8. Well Name and No.  
ROSA UNIT 740H9. API Well No.  
30-039-3136410. Field and Pool or Exploratory Area  
BASIN MANCOS11. 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 - Intermediate	
	<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 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.)

4/5/23 - MIRU. PU 12.25" bit & drill mouse hole to 75'. Circ & clean & ream hole f/20' t/75'. Skid rig over Rosa 740H well center. Test BOP's.

4/6/23 - Test 9-5/8" csg to 1560psi/30mins. Test good.

4/7 - 4/10/23 - Drill 12.25" hole f/356' t/5325'. Circ & clean hole. TIH to 5325', lost circ. POOH to 3285' (regain circ). Wash down to 3585'. TIH drill f/5325' t/5603'. POOH.

4/11/23 - TIH, wash & ream f/4840' to 5303', drill f/5303' t/5852'. Circ LCM sweeps to regain circ. Drill f/5852' t/5985'. Circ LCM sweeps to regain circ. PUH to 5400'.

4/12/23 - Drill f/5985' t/6318'. Spot & sqz LCM sweep. Wash & ream down to 6318', full returns. Cont to drill f/6318' t/6385'. Circ & cond for 9-5/8" csg. PUH to 481'.

4/13/23 - POOH. Lay down BHA. RU csg equipment. TIH w/148jts 9-5/8", 4.7#, L-80, BTC, landed @ 6368', FC @ 6280'. DV tool @ 3223' & 4825'. RD csg equipment. Circ. Stage 1 - Mix & pump 330sx (112bbbs, 627cf) Class G cmt, 12.4 ppg, 1.90yield. Tail w/399sx (78bbbs, 439cf) Class G cmt, 15.8ppg, 1.10yield. Displaced w/459 bbbs. Bumped plug w/500psi. Open DV tool. Circ 26bbbs blue dye and 2bbbs cmt back to surface.

4/14/23 - Release rig. Skid rig to Rosa 742H. Pump stage 2 cement job offline, mix & pump 591sx (200bbbs, 1123cf) Class G cmt, 12.4ppg, 1.90yield. Tail w/232sx (67bbbs, 367cf) 13.2ppg, 1.58yield. Displaced w/353bbbs. Bumped plug w/620psi, 26bbbs good cmt back to surface. Pump stage 3, mix & pump 1182sx (400bbbs, 2246cf) Class G cmt, 12.4ppg, 1.90yield. Tail w/259sx (73bbbs, 409cf) 13.2ppg, 1.58yield. Displaced with 235bbbs. Bumped plug w/910psi. Circ 76bbbs of good cmt 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 5/10/2023

**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 / 36.862483 / -107.370925	County or Parish/State: RIO ARRIBA / NM
Well Number: 740H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number:	Unit or CA Name: ROSA UNIT	Unit or CA Number: NMNM78407E
US Well Number: 300393136400X1	Well Status: Approved Application for Permit to Drill	Operator: LOGOS OPERATING LLC

Subsequent Report

Sundry ID: 2730096

Type of Submission: Subsequent Report

Date Sundry Submitted: 05/10/2023

Date Operation Actually Began: 04/05/2023

Type of Action: Drilling Operations

Time Sundry Submitted: 09:46

**Actual Procedure:** 4/5/23 - MIRU. PU 12.25" bit & drill mouse hole to 75'. Circ & clean & ream hole f/20' t/75'. Skid rig over Rosa 740H well center. Test BOP's. 4/6/23 - Test 9-5/8" csg to 1560psi/30mins. Test good. 4/7 - 4/10/23 - Drill 12.25" hole f/356' t/5325'. Circ & clean hole. TIH to 5325', lost circ. POOH to 3285' (regain circ). Wash down to 3585'. TIH drill f/5325' t/5603'. POOH. 4/11/23 - TIH, wash & ream f/4840' to 5303', drill f/5303' t/5852'. Circ LCM sweeps to regain circ. Drill f/5852' t/5985'. Circ LCM sweeps to regain circ. PUH to 5400'. 4/12/23 - Drill f/5985' t/6318'. Spot & sqz LCM sweep. Wash & ream down to 6318', full returns. Cont to drill f/6318' t/6385'. Circ & cond for 9-5/8" csg. PUH to 481'. 4/13/23 - POOH. Lay down BHA. RU csg equipment. TIH w/148jts 9-5/8", 4.7#, L-80, BTC, landed @ 6368', FC @ 6280'. DV tool @ 3223' & 4825'. RD csg equipment. Circ. Stage 1 - Mix & pump 330sx (112bbls, 627cf) Class G cmt, 12.4 ppg, 1.90yield. Tail w/399sx (78bbls, 439cf) Class G cmt, 15.8ppg, 1.10yield. Displaced w/459 bbbs. Bumped plug w/500psi. Open DV tool. Circ 26bbbs blue dye and 2bbbs cmt back to surface. 4/14/23 - Release rig. Skid rig to Rosa 742H. Pump stage 2 cement job offline, mix & pump 591sx (200bbbs, 1123cf) Class G cmt, 12.4ppg, 1.90yield. Tail w/232sx (67bbbs, 367cf) 13.2ppg, 1.58yield. Displaced w/353bbbs. Bumped plug w/620psi, 26bbbs good cmt back to surface. Pump stage 3, mix & pump 1182sx (400bbbs, 2246cf) Class G cmt, 12.4ppg, 1.90yield. Tail w/259sx (73bbbs, 409cf) 13.2ppg, 1.58yield. Displaced with 235bbbs. Bumped plug w/910psi. Circ 76bbbs of good cmt back to surface. Pressure test will be reported on the next sundry.

<b>Well Name:</b> ROSA UNIT	<b>Well Location:</b> T31N / R5W / SEC 33 / NENW / 36.862483 / -107.370925	<b>County or Parish/State:</b> RIO ARRIBA / NM
<b>Well Number:</b> 740H	<b>Type of Well:</b> CONVENTIONAL GAS WELL	<b>Allottee or Tribe Name:</b>
<b>Lease Number:</b>	<b>Unit or CA Name:</b> ROSA UNIT	<b>Unit or CA Number:</b> NMNM78407E
<b>US Well Number:</b> 300393136400X1	<b>Well Status:</b> Approved Application for Permit to Drill	<b>Operator:</b> LOGOS OPERATING LLC

SR Attachments

PActual Procedure

3160\_5\_Rosa\_Unit\_740H\_INT\_subsequent\_report\_20230414\_20230510094611.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 10, 2023 09:46 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:** KENNETH G RENNICK **BLM POC Title:** Petroleum Engineer

**BLM POC Phone:** 5055647742 **BLM POC Email Address:** krennick@blm.gov

**Disposition:** Accepted **Disposition Date:** 05/10/2023

**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

COMMENTS  
  
Action 215679

COMMENTS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 215679
	Action Type: [C-103] Sub. Drilling (C-103N)

COMMENTS

Created By	Comment	Comment Date
kelly.roberts	Accepted for record. Amended report submitted and approved.	8/2/2023

**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.**  
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CONDITIONS

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