

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) 319 FNL 1681 FWL

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

8. Well Name and No.
ROSA UNIT 740H

9. API Well No. 30-039-31364

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 - Intermediate
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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 recomplate 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.)

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 bbls. Bumped plug w/500psi. Open DV tool. Circ 26bbls blue dye and 2bbls cmt back to surface.

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

Type of Action: Drilling Operations

Date Sundry Submitted: 05/10/2023

Time Sundry Submitted: 09:46

Date Operation Actually Began: 04/05/2023

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 (112bbbls, 627cf) Class G cmt, 12.4 ppg, 1.90yield. Tail w/399sx (78bbbls, 439cf) Class G cmt, 15.8ppg, 1.10yield. Displaced w/459 bbls. Bumped plug w/500psi. Open DV tool. Circ 26bbbls blue dye and 2bbls cmt back to surface. 4/14/23 - Release rig. Skid rig to Rosa 742H. Pump stage 2 cement job offline, mix & pump 591sx (200bbbls, 1123cf) Class G cmt, 12.4ppg, 1.90yield. Tail w/232sx (67bbbls, 367cf) 13.2ppg, 1.58yield. Displaced w/353bbbls. Bumped plug w/620psi, 26bbbls good cmt back to surface. Pump stage 3, mix & pump 1182sx (400bbbls, 2246cf) Class G cmt, 12.4ppg, 1.90yield. Tail w/259sx (73bbbls, 409cf) 13.2ppg, 1.58yield. Displaced with 235bbbls. Bumped plug w/910psi. Circ 76bbbls of good cmt back to surface. Pressure test will be reported on the next sundry.

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

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.
Santa Fe, NM 87505

CONDITIONS

Action 215679

CONDITIONS

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

CONDITIONS

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