

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.  
NMSF078771  
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 25 T31N R06W NENE UNIT A 1076 FNL 253 FEL7. If Unit of CA/Agreement, Name and/or No.  
NMNM78407E8. Well Name and No.  
ROSA UNIT 652H9. API Well No.  
30-039-3141310. 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 Well	
	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Hydraulic Fracturing	<input type="checkbox"/> Reclamation	<input type="checkbox"/> 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	Casing	
<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.)

11/15/22 - Walked rig over to RU 652H. NU BOP. Test surf csg to 1600psi/30min. Test good. TIH w/12.25" bit, drill shoe & new hole f/325' t/375'. Circ.  
 11/16-21/22 - Cont to drill 12.25" intermediate hole f/375' t/5986'. POOH due to loss returns. Wash & ream through tight spots f/5820' t/5986'. Cont to drill 12.25" hole f/5986' t/6261' (TD reached on 11/21/22). Circ hole clean. POOH.  
 11/22/22 - Rig up CRT & csg running equipment. RIH w/135jts 9-5/8" L-80 47.0# landed @ 6241' w/FC @ 6145'. DV tools @ 4658' & 3101'. RD csg crew. RU cementers. Stage1 CMT lead w/322sxs(113bbls, 634cf) @ 12.4ppg, 1.97yld, and Tail w/376sxs(77bbls, 432cf) Class G cmt @ 15.8ppg, 1.15yld. Drop plug, displace w/450bbls FW & mud. Bump plug @ 21:18hrs. Circ 8bbls cmt to surface.  
 11/23/22 - ND BOP. RR. Install offline cmt tool. Pumped stage2 CMT lead w/182sxs(64bbls, 359cf) Class G cmt @ 12.4ppg, 1.97yld, and Tail w/398sxs(117bbls, 657cf) @ 13.2ppg, 1.65yld. Drop plug, displace w/341bbls water & mud. Open tool. Circ 55bbls to surface. Stage3 CMT lead w/712sxs(250bbls, 1404cf) @ 12.4ppg, 1.97yld, and Tail w/497sxs(146bbls, 820cf) @ 13.2ppg, 1.65yld. Drop plug, displace w/227bbls FW. 167bbls good cmt to surface. Bump plug @ 850psi up to 2350psi. RD cmt crew. SIW.

**Pressure test will be included on the next casing sundry.**14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
Etta Trujillo

Title Regulatory Specialist

Signature

*Etta Trujillo*

Date 12/05/2022

**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 / R6W / SEC 25 / NENE /	County or Parish/State: RIO ARRIBA / NM
Well Number: 652H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078771	Unit or CA Name: ROSA UNIT-MANCOS PA	Unit or CA Number: NMNM78407E
US Well Number: 300393141300X1	Well Status: Drilling Well	Operator: LOGOS OPERATING LLC

Subsequent Report

Sundry ID: 2706298

Type of Submission: Subsequent Report

Type of Action: Other

Date Sundry Submitted: 12/07/2022

Time Sundry Submitted: 10:51

Date Operation Actually Began: 11/15/2022

**Actual Procedure:** 11/15/22 - Walked rig over to RU 652H. NU BOP. Test surf csg to 1600psi/30min. Test good. TIH w/12.25" bit, drill shoe & new hole f/325' t/375'. Circ. 11/16-21/22 - Cont to drill 12.25" intermediate hole f/375' t/5986'. POOH due to loss returns. Wash & ream through tight spots f/5820' t/5986'. Cont to drill 12.25" hole f/5986' t/6261' (TD reached on 11/21/22). Circ hole clean. POOH. 11/22/22 - Rig up CRT & csg running equipment. RIH w/135jts 9-5/8" L-80 47.0# landed @ 6241' w/FC @ 6145'. DV tools @ 4658' & 3101'. RD csg crew. RU cementers. Stage1 CMT lead w/322sxs(113bbls, 634cf) @ 12.4ppg, 1.97yld, and Tail w/376sxs(77bbls, 432cf) Class G cmt @ 15.8ppg, 1.15yld. Drop plug, displace w/450bbls FW & mud. Bump plug @ 21:18hrs. Circ 8bbls cmt to surface. 11/23/22 - ND BOP. RR. Install offline cmt tool. Pumped stage2 CMT lead w/182sxs(64bbls, 359cf) Class G cmt @ 12.4ppg, 1.97yld, and Tail w/398sxs(117bbls, 657cf) @ 13.2ppg, 1.65yld. Drop plug, displace w/341bbls water & mud. Open tool. Circ 55bbls to surface. Stage3 CMT lead w/712sxs(250bbls, 1404cf) @ 12.4ppg, 1.97yld, and Tail w/497sxs(146bbls, 820cf) @ 13.2ppg, 1.65yld. Drop plug, displace w/227bbls FW. 167bbls good cmt to surface. Bump plug @ 850psi up to 2350psi. RD cmt crew. SIW. Pressure test will be included on the next casing sundry.

Received by OCD: 12/8/2022 10:16:55 AM

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Lease Number: NMSF078771	Unit or CA Name: ROSA UNIT-MANCOS PA	Unit or CA Number: NMNM78407E
US Well Number: 300393141300X1	Well Status: Drilling Well	Operator: LOGOS OPERATING LLC

SR Attachments

Actual Procedure

3160\_5\_Rosa\_Unit\_652H\_INT\_Subsequent\_Report\_20221123\_20221207105029.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: DEC 07, 2022 10:50 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: 12/08/2022
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 165326

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 165326
	Action Type: [C-103] Sub. Drilling (C-103N)

CONDITIONS

Created By	Condition	Condition Date
nmurphy	None	8/10/2023