

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. NMSF078764  
6. If Indian, Allottee or Tribe Name**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		7. If Unit of CA/Agreement, Name and/or No. NMNM78407E
2. Name of Operator LOGOS OPERATING, LLC		8. Well Name and No. ROSA UNIT 664H
3a. Address 2010 AFTON PLACE FARMINGTON, NM 87401	3b. Phone No. (include area code) (505) 278-8720	9. API Well No. 30-039-31418
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) SEC 30 T31N R05W NESW (K) 2260 FSL 966 FWL		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 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 - Production	
	<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.)

6/11/22 - PU BHA. PU dp to 3631', PU 5" DP to 6348'. DO cmt and float shoe @ 6404', cont drilling to 6444'.

6/12-20/22 - Rig repairs. Drill 8.5" curve and lateral f/6444' t/18,412'.

6/21-22/22 - Cont drilling f/18,412' t/19,396' (TD) reached @ 13:15 on 6/21/22. Perform clean-up cycle. TOO. LD directional tools.


6/23/22 - RU casing crew. MU shoe track and run 5.5" csg t/10,001'.

6/24-25/22 - Set 5-1/2" csg @ 19,377' w/435jts, P110, 20.0# BTC, FC @ 19,285', LC @ 19,262', Toe Sleeves @ 19,214' & 19,166'.

Circ. RD csg crew. RU cmt crew. Pumped premium G cmt 2702 sx (4134.06 cf, 736.3bbbls) @ 13.2ppg, 1.53 yield. Displaced w/426bbbls. Bumped plug @ 0:24 on 6/25/22. PT to 2800psi. Good test. RD cmt crew. Set and test packoff per Cactus WH. RD RR.

7/17/2022 - Run CBL, TOC @ 2300'.

8/6/2022 - Tested Prod csg to 1575psi/30mins. Test good.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Etta Trujillo		Title Regulatory Specialist
Signature 		Date 9/19/2022

**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 / R05W / SEC 30 / NESW / 36.869558 / -107.404482	County or Parish/State: RIO ARRIBA / NM
Well Number: 664H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF0078764	Unit or CA Name:	Unit or CA Number: NMNM078407E
US Well Number: 300393141800X1	Well Status: Drilling Well	Operator: LOGOS OPERATING LLC

Subsequent Report

Sundry ID: 2693312

Type of Submission: Subsequent Report

Type of Action: Other

Date Sundry Submitted: 09/19/2022

Time Sundry Submitted: 01:23

Date Operation Actually Began: 06/11/2022

**Actual Procedure:** AMENDED 9/19/2022 6/11/22 - PU BHA. PU dp to 3631', PU 5" DP to 6348'. DO cmt and float shoe @ 6404', cont drilling to 6444'. 6/12-20/22 - Rig repairs. Drill 8.5" curve and lateral f/6444' t/18,412'. 6/21-22/22 - Cont drilling f/18,412' t/19,396' (TD) reached @ 13:15 on 6/21/22. Perform clean-up cycle. TOOH. LD directional tools. 6/23/22 - RU casing crew. MU shoe track and run 5.5" csg t/10,001'. 6/24-25/22 - Set 5-1/2" csg @ 19, 377' w/435jts, P110, 20.0# BTC, FC @ 19,285', LC @ 19,262', Toe Sleeves @ 19,214' & 19,166'. Circ. RD csg crew. RU cmt crew. Pumped premium G cmt 2702 sx (4134.06 cf, 736.3bbls) @ 13.2ppg, 1.53 yield. Displaced w/426bbls. Bumped plug @ 0:24 on 6/25/22. PT to 2800psi. Good test. RD cmt crew. Set and test packoff per Cactus WH. RD RR. 7/17/2022 - Run CBL, TOC @ 2300'. 8/6/2022 - Tested Prod csg to 1575psi/30mins. Test good.

SR Attachments

Actual Procedure

3160\_5\_Rosa\_Unit\_664H\_PROD\_Subsequent\_Report\_202200707\_\_\_Amended\_20220919132249.pdf

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US Well Number: 300393141800X1	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: SEP 19, 2022 01:23 PM  
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: 09/19/2022  
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**

COMMENTS

Action 144598

COMMENTS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 144598
	Action Type: [C-103] Sub. Drilling (C-103N)

COMMENTS

Created By	Comment	Comment Date
jagarcia	Approved, John Garcia, Petroleum Engineer	9/19/2022

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1625 N. French Dr., Hobbs, NM 88240  
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	Action Number: 144598
	Action Type: [C-103] Sub. Drilling (C-103N)

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Created By	Condition	Condition Date
jagarcia	None	9/19/2022