

Form 3160-4  
(June 2019)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: October 31, 2021

**WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

5. Lease Serial No.  
NMSF078764

1a. Type of Well  Oil Well  Gas Well  Dry  Other  
 b. Type of Completion  New Well  Work Over  Deepen  Plug Back  Diff. Zones  Hydraulic Fracturing  
 Other: \_\_\_\_\_

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.  
NMNM78407E

2. Name of Operator  
LOGOS Operating, LLC

8. Lease Name and Well No.  
ROSA UNIT 665H

3. Address  
2010 Afton Place, Farmington, NM 87401

3a. Phone No. (Include area code)  
(505) 278-8720

9. API Well No.  
30-039-31358

4. Location of Well (Report location clearly and in accordance with Federal requirements)\*  
  
 At surface 2277' FSL 967' FWL, NESW K, Sec 30 T31N R05W  
  
 At top prod. interval reported below  
  
 At total depth 1155' FSL 150' FWL, SWSW M, Sec 26 T31N R06W

10. Field and Pool or Exploratory  
Basin Mancos

11. Sec., T., R., M., on Block and  
Survey or Area Sec 30, T31N, R5W

12. County or Parish  
Rio Arriba County

13. State  
New Mexico

14. Date Spudded  
8/23/2021

15. Date T.D.  
Reached 07/14/2022

16. Date Completed 9/20/2022  
 D & A  Ready to Prod.

17. Elevations (DF, RKB, RT, GL)\*  
6394'

18. Total Depth: MD 17,930'  
TVD 6,927'

19. Plug Back T.D.: MD 17,815'  
TVD 6,927'

20. Depth Bridge Plug Set: MD  
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)  
  
CBL

22. Was well cored?  No  Yes (Submit analysis)  
 Was DST run?  No  Yes (Submit report)  
 Directional Survey?  No  Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2"	13-3/8" J-55	54.5#	0'	324'		350 sks	87 bbls	surface	Circ 40 bbls to surf
12-1/4"	9-5/8" N-80	43.5#	0'	6415'		2174 sks	759 bbls	TOC @ surf	Circ 150bbls to surf (DV @ 4779', 3235')
8-1/2"	5-1/2" P-110	20.0#	0'	17,907'		2430sks	662bbls	TOC @ 4530'	0

24. Tubing Record

Size	Dept Set (MD)	Packer Dept (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
Pending								

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mancos	6968' VD	6927' VD	7,510' MD to 17,744' MD	0.38" / 6SPF	2430	open
B)						
C)						
D)						

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, Post hydraulic fracturing chemical disclosures on FracFocus.org when required by state or federal regulation

Depth Interval	Amount, Type of Material and Date of Chemical Disclosure upload on FracFocus.org as applicable
7,510' MD - 17,744' MD	Frac'd 51 stages of 23,117 klbs 40/70 sand/100# Mesh. 616,970bbls of slickwater

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
9/20/2022	9/20/2022	12	➔	0	106	180	n/a	n/a	Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
18/64	n/a	1422	➔	0	1769 mcf/d	864bwpd	n/a	Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➔						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			➔						

\*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production ➔	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ➔	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production ➔	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API.	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ➔	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Nacimiento	0	0			
Ojo Alamo	2577'				
Kirtland	2692'				
Fruitland	3159'				
Pictured Cliffs	3512'				
Lewis	3604'				
Chacra	4716'				
Cliff House	5569'				
Menefee	5613'				
Point Lookout	5791'				
Mancos	6340'				

32. Additional remarks (include plugging procedure).

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- Electrical/Mechanical Logs (1 full set req'd.)     
  Geologic Report     
  DST Report     
  Directional Survey  
 Sundry Notice for plugging and cement verification     
  Core Analysis     
  Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)\*

Name (please print) Etta Trujillo Title Regulatory Specialist  
 Signature *Etta Trujillo* Date 10/10/2022

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.

**From:** [blm-afmss-notifications@blm.gov](mailto:blm-afmss-notifications@blm.gov)  
**To:** [Etta Trujillo](#)  
**Subject:** Well Name: ROSA UT, Well Number: 665H, Notification of Well Completion Acceptance  
**Date:** Friday, October 28, 2022 8:53:18 AM

## The Bureau of Land Management

### Notice of Acceptance for Well Completion Report

- Operator Name: **LOGOS OPERATING LLC**
- Well Name: **ROSA UT**
- Well Number: **665H**
- US Well Number: **3003931358**
- Well Completion Report Id: **WCR2022102886351**

This notification is automatically generated. Please do not reply to this message as this account is not monitored.

**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 186804

**CONDITIONS**

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 186804
	Action Type: [C-103] Sub. (Re)Completion Sundry (C-103T)

**CONDITIONS**

Created By	Condition	Condition Date
plmartinez	Future submittal of Completion Report should be submitted as a C-105.	2/19/2024