

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. NMSF078767  
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

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

NMNM78407E

## 8. Well Name and No.

Rosa Unit 19D

## 9. API Well No.

30-039-30781

## 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

Unit L, Section 24 T31N R06W 1980' FSL &amp; 660' FWL

## 10. Field and Pool or Exploratory Area

Blanco Mesaverde / Basin Dakota / Basin Mancos

## 11. Country or Parish, State

Rio Arriba, NM

## 12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION				
<input checked="" 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"/> 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 Wellbore Isolation/ Pressure Monitoring	
	<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 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.)

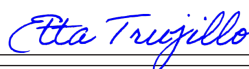
LOGOS Operating request to conduct a wellbore isolation for subject well. The Rosa Unit 19D is at risk of catastrophic failure from the nearby Pad 29 completions. In order to preserve wellbore integrity and protect the remaining reserves of the well, it is recommended to isolate the wellbore and actively monitor pressure via downhole gauge for a total well observation period of 9-12 months. See attached procedure.

## 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Etta Trujillo

Title Regulatory Specialist

Signature



Date 8/2/2023

**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	Well Number	US Well Number	Lease Number	Case Number	Operator
ROSA UNIT	19D	300393078100C3	NMSF078767	NMNM78407A	LOGOS
ROSA UNIT	19D	300393078100C2	NMSF078767	NMNM78407E	LOGOS
ROSA UNIT	19D	300393078100C1	NMSF078767	NMNM78407A	LOGOS

### Notice of Intent

**Sundry ID:** 2744222

**Type of Submission:** Notice of Intent

**Type of Action:** Other

**Date Sundry Submitted:** 08/02/2023

**Time Sundry Submitted:** 02:13

**Date proposed operation will begin:** 08/02/2023

**Procedure Description:** LOGOS Operating request to conduct a wellbore isolation for subject well. The Rosa Unit 19D is at risk of catastrophic failure from the nearby Pad 29 completions. In order to preserve wellbore integrity and protect the remaining reserves of the well, it is recommended to isolate the wellbore and actively monitor pressure via downhole gauge for a total well observation period of 9-12 months. See attached procedure.

### Surface Disturbance

**Is any additional surface disturbance proposed?:** No

### NOI Attachments

**Procedure Description**

3160\_5\_Rosa\_Unit\_19D\_NOI\_Wellbore\_Isolation\_Pressure\_Monitoring\_20230802\_20230802140339.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:** AUG 02, 2023 02:12 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:** Approved**Disposition Date:** 08/03/2023**Signature:** Kenneth Rennick



## WELLBORE ISOLATION/PRESSURE MONITORING-NMOCD (2023)

### Rosa Unit 019D

**30-039-30781**

**1980' FSL & 660' FWL**

**Section 24, T31N, R06W**

**Rio Arriba, New Mexico**

**LAT: 36.8833084° N LONG: -107.4208908° W**

**Mesaverde/Mancos/Dakota**

### PROJECT OBJECTIVE:

The Rosa Unit 19D is at risk of catastrophic failure from the nearby Pad 29 completions. In order to preserve wellbore integrity and protect the remaining reserves of the well, it is recommended to isolate the wellbore and actively monitor pressure via downhole gauge for a total observation period of 9-12 months.

### WORKOVER PROCEDURE:

1. Hold safety meeting. MIRU workover rig. Place fire and safety equipment in strategic locations. Comply with all LOGOS, BLM, and NMOCD rules and regulations.
2. Lay flow lines. Check and record casing and tubing pressures. Sell pressure down to line. Kill well if necessary.
3. Nipple down wellhead and nipple up BOP.
4. TOOH and stand back tubing.
5. Set bridge plug within 50' of the Dakota perforations.
6. TIH and set cement retainer at ~6910'.
7. RIH with pressure gauge and tubing and sting into retainer.
8. Leave well shut in during offset completions and post completions for pressure monitoring.
9. Once offset completions are complete and adequate pressure monitoring data has been collected, TOOH with tubing and laydown pressure gauge.
10. Trip in hole and mill out cement retainer and bridge plug.
11. Run 2-3/8" tubing back in hole and return well to production.

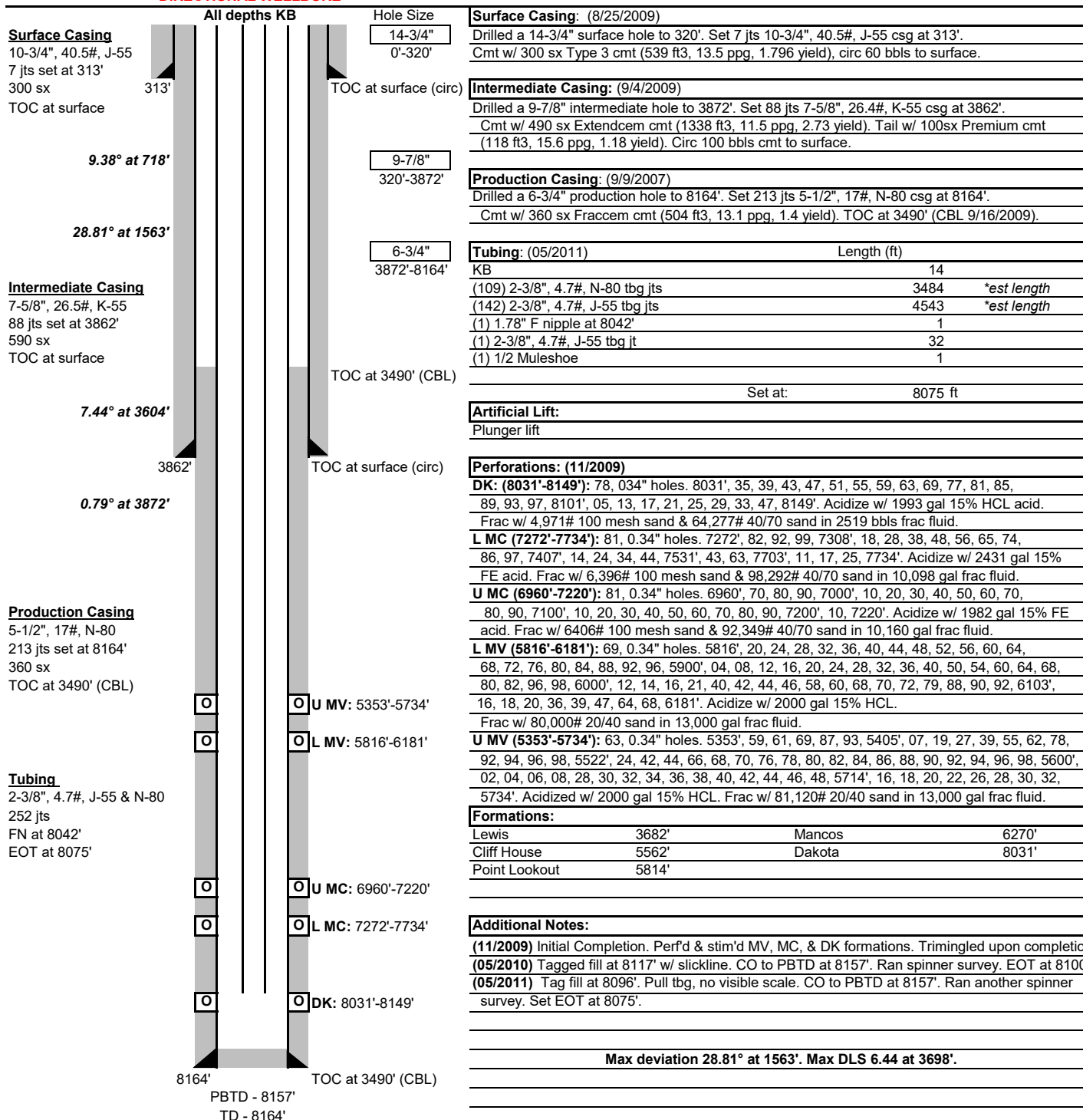


## Wellbore Schematic

Well Name: Rosa Unit 019D  
 Location: Unit L Sec 24, T31N, R06W 1980' FSL & 660' FWL  
 County: Rio Arriba, NM  
 API #: 30-039-30781  
 Co-ordinates: Lat 36.8833084 Long -107.4208908 NAD83  
 Elevations: GROUND: 6311'  
 KB: 6325'  
 PBTD: 8157'  
 TD: 8164'

Last Updated: 7/13/2023 Moss  
 Reviewed by:  
 Spud Date: 8/25/2009  
 Completion Date: 11/16/2009  
 Last Workover Date: 5/27/2011  
 Last Updated:

## DIRECTIONAL WELLBORE



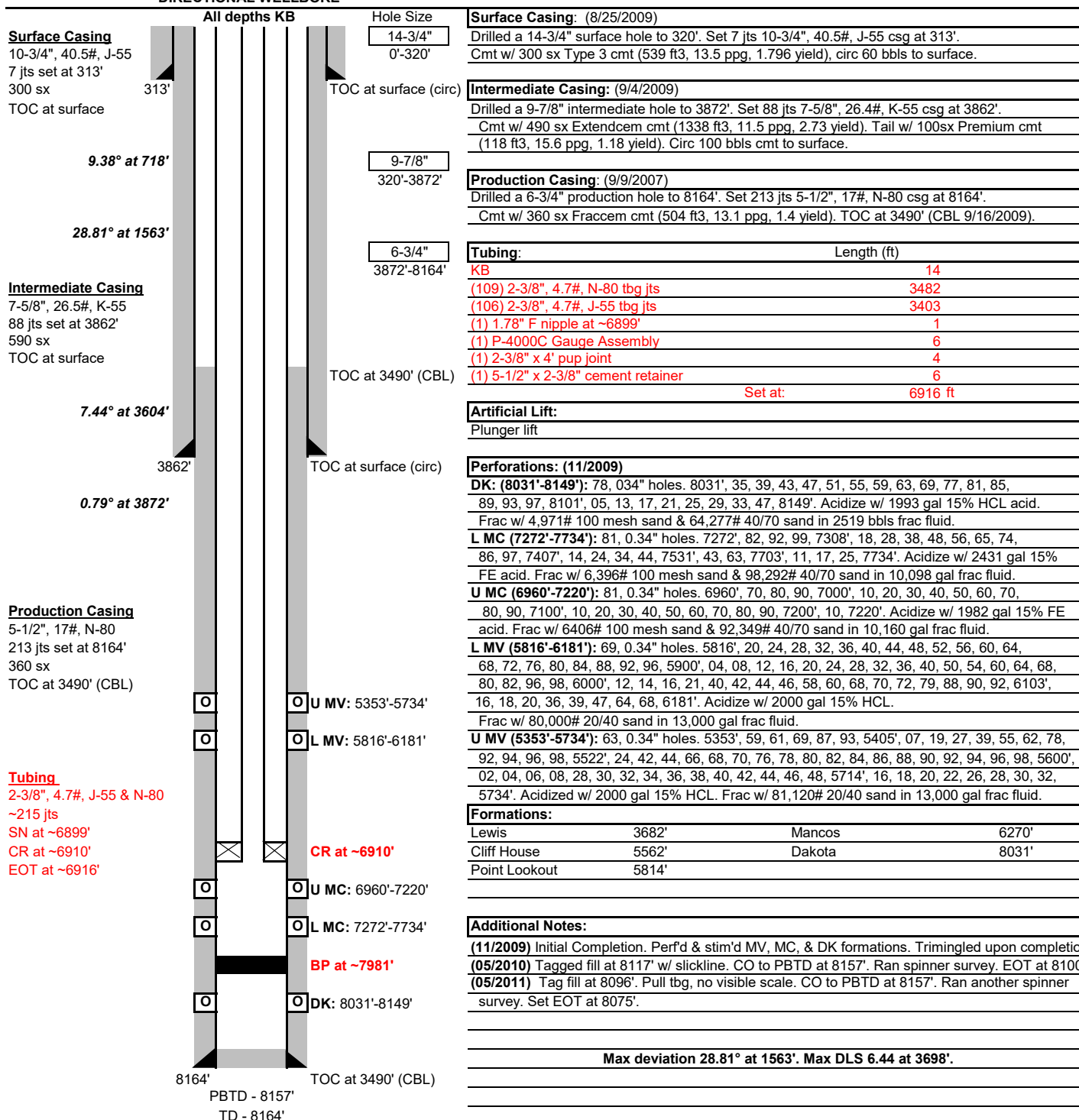


## Proposed Wellbore Schematic

Well Name: Rosa Unit 019D  
 Location: Unit L Sec 24, T31N, R06W 1980' FSL & 660' FWL  
 County: Rio Arriba, NM  
 API #: 30-039-30781  
 Co-ordinates: Lat 36.8833084 Long -107.4208908 NAD83  
 Elevations: GROUND: 6311'  
 KB: 6325'  
 PBTD: 8157'  
 TD: 8164'  
 Depths (KB):

Last Updated: 7/13/2023 Moss  
 Reviewed by:  
 Spud Date: 8/25/2009  
 Completion Date: 11/16/2009  
 Last Workover Date: 5/27/2011  
 Last Updated:

## DIRECTIONAL WELLBORE



**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 248724

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 248724
	Action Type: [C-103] NOI General Sundry (C-103X)

CONDITIONS

Created By	Condition	Condition Date
dmcclure	None	8/11/2023