

Well Name: ROSA UNIT	Well Location: T31N / R5W / SEC 29 / NENE / 36.87538 / -107.37856	County or Parish/State: RIO ARRIBA / NM
Well Number: 64	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078764	Unit or CA Name: ROSA UNIT--DK	Unit or CA Number: NMNM78407B
US Well Number: 3003921703	Operator: LOGOS OPERATING LLC	

Notice of Intent

Sundry ID: 2864857

Type of Submission: Notice of Intent      Type of Action: Other

Date Sundry Submitted: 07/23/2025      Time Sundry Submitted: 09:42

Date proposed operation will begin: 07/23/2025

Procedure Description: LOGOS Operating request permission to repair Intermediate per procedure attached.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

Rosa\_Unit\_64\_\_Regulatory\_Repair\_Procedure\_20250723094217.pdf

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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: JUL 23, 2025 09:43 AM

Name: LOGOS OPERATING LLC

Title: Regulatory Specialist

Street Address: 2010 AFTON PLACE

City: FarmingtonState: 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: 07/25/2025

Signature: Kenneth Rennick

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

☐ Oil Well ☒ Gas Well ☐ Other2. Name of Operator  
LOGOS OPERATING LLC

3a. Address 2010 AFTON PLACE, FARMINGTON, NM 87401

3b. Phone No. (include area code)  
(505) 278-87207. If Unit of CA/Agreement, Name and/or No.  
ROSA UNIT--DK/NMNM78407B8. Well Name and No.  
ROSA UNIT/64

9. API Well No. 3003921703

10. Field and Pool or Exploratory Area  
BLANCO MESAVERDE/UNNAMED4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SEC 29/T31N/R5W/NMP11. 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	
	<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 perfonned 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 detennined that the site is ready for final inspection.)

LOGOS Operating request permission to repair Intermediate per procedure attached.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
ETTA TRUJILLO / Ph: (505) 324-4154Title  
Regulatory Specialist

Signature (Electronic Submission)

Date  
07/23/2025**THE SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

KENNETH G RENNICK / Ph: (505) 564-7742 / Approved

Title  
Petroleum EngineerDate  
07/25/2025

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  
FARMINGTON

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)

## GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations and reports of such operations when completed as indicated on Federal and Indian lands pursuant to applicable Federal law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area or regional procedures and practices, are either shown below, will be issued by or may be obtained from the local Federal office.

## SPECIFIC INSTRUCTIONS

*Item 4* - Locations on Federal or Indian land should be described in accordance with Federal requirements. Consult the local Federal office for specific instructions.

*Item 13*: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by the local Federal office. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to the top of any tubing left in the hole; method of closing top of well and date well site conditioned for final inspection looking for approval of the abandonment. If the proposal will involve **hydraulic fracturing operations**, you must comply with 43 CFR 3162.3-3, including providing information about the protection of usable water. Operators should provide the best available information about all formations containing water and their depths. This information could include data and interpretation of resistivity logs run on nearby wells. Information may also be obtained from state or tribal regulatory agencies and from local BLM offices.

## NOTICES

The privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et seq., 351 et seq., 25 U.S.C. 396; 43 CFR 3160.

PRINCIPAL PURPOSE: The information is used to: (1) Evaluate, when appropriate, approve applications, and report completion of subsequent well operations, on a Federal or Indian lease; and (2) document for administrative use, information for the management, disposal and use of National Resource lands and resources, such as: (a) evaluating the equipment and procedures to be used during a proposed subsequent well operation and reviewing the completed well operations for compliance with the approved plan; (b) requesting and granting approval to perform those actions covered by 43 CFR 3162.3-2, 3162.3-3, and 3162.3-4; (c) reporting the beginning or resumption of production, as required by 43 CFR 3162.4-1(c) and (d) analyzing future applications to drill or modify operations in light of data obtained and methods used.

ROUTINE USES: Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions in connection with congressional inquiries or to consumer reporting agencies to facilitate collection of debts owed the Government.

EFFECT OF NOT PROVIDING THE INFORMATION: Filing of this notice and report and disclosure of the information is mandatory for those subsequent well operations specified in 43 CFR 3162.3-2, 3162.3-3, 3162.3-4.

The Paperwork Reduction Act of 1995 requires us to inform you that:

The BLM collects this information to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases.

Response to this request is mandatory.

The BLM would like you to know that you do not have to respond to this or any other Federal agency-sponsored information collection unless it displays a currently valid OMB control number.

**BURDEN HOURS STATEMENT:** Public reporting burden for this form is estimated to average 8 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management (1004-0137), Bureau Information Collection Clearance Officer (WO-630), 1849 C St., N.W., Mail Stop 401 LS, Washington, D.C. 20240

## **Additional Information**

### **Location of Well**

0. SHL: NENE / 790 FNL / 790 FEL / TWSP: 31N / RANGE: 5W / SECTION: 29 / LAT: 36.87538 / LONG: -107.37856 ( TVD: 0 feet, MD: 0 feet )

BHL: NENE / 790 FNL / 790 FEL / TWSP: 31N / SECTION: / LAT: 36.87538 / LONG: 107.37856 ( TVD: 0 feet, MD: 0 feet )



## Intermediate Repair Procedure

### Rosa Unit 64

API: 30-039-21703

#### Notes:

- On July 16, 2025, a Bradenhead test was conducted on the Rosa Unit 64:
  - Bradenhead pressure: 0 psi
  - Intermediate pressure: 799 psi (blew down to 10 psi over 30 minutes, flowing gas and water)
  - Casing and tubing pressure: 187 psi
  - 5-minute shut-in pressure (intermediate): 12 psi
- LOGOS requests approval to perform further diagnostics and repair as necessary on this well.
- The NMOCD will be notified at least 24 hours prior to moving on location.
- Daily monitoring and recording of string pressures will be conducted throughout operations.
- If cement work becomes necessary, the NMOCD will be notified.
  - If cement work is performed, the NMOCD will be notified to witness a Mechanical Integrity Test post-repair.

#### Procedure:

1. Comply with all NMOCD and LOGOS safety rules and regulations. Conduct safety meeting with all personnel on location.
2. MOL and RU. Lay flow lines. Check and record bradenhead, intermediate, casing, and tubing pressures.
3. TOOH with 2-3/8" tubing.
4. RIH with 4-1/2" RBP and set at a shallow depth to test for communication between the production and intermediate casing strings at the wellhead.
5. If communication is detected through the wellhead the wellhead will be repaired or replaced. Retrieve 4-1/2" RBP from shallow depth. If wellhead replacement eliminates communication, proceed to **Step 7**.
6. If no communication is detected through the wellhead, or replacement does not resolve the issue, proceed as follows:
  - a. RIH with 3-7/8" mill to ~7935' (~15' above the top perforation at 7950').
  - b. RIH with 4-1/2" RBP and set at ~7900' (~50' above top perforation at 7950').
  - c. Load the wellbore and pressure test 4-1/2" production casing to surface.
    - i. If wellbore passes pressure test, run CBL from 7900' to surface and send results to LOGOS engineer and NMOCD to determine where to perforate for remedial cement work.
    - ii. Otherwise, proceed to isolate leak with packer.
  - d. Once failure is isolated, **notify NMOCD of upcoming remedial cement work**.
  - e. Conduct remedial cement work according to diagnostic results.
  - f. Once repairs are complete and communication has been eliminated, **contact NMOCD to witness subsequent MIT**.
  - g. Conduct MIT.



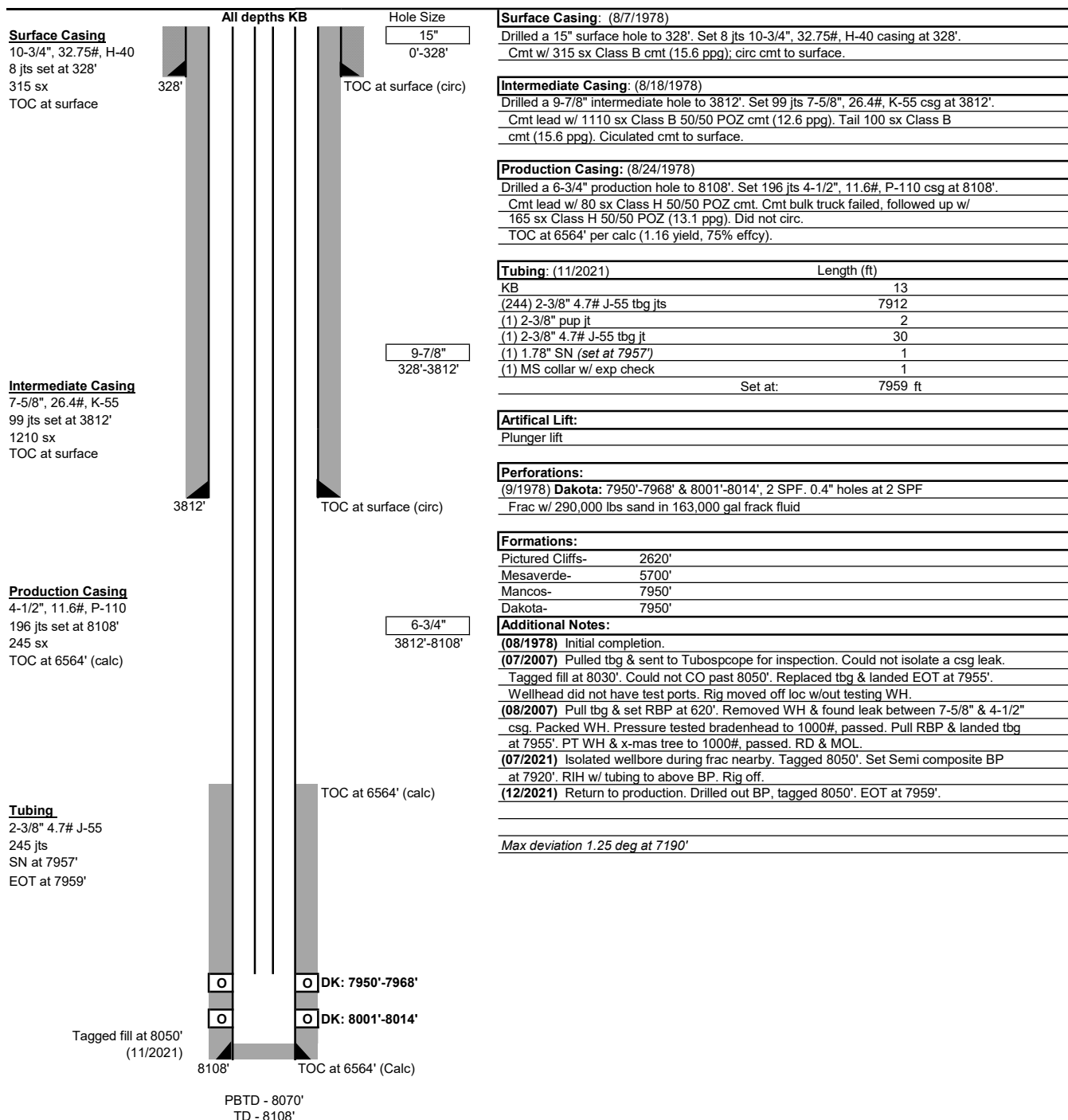
- h. RU chart recorder to chart pressure test as follows:
    - i. Top off with fluid, if needed.
    - ii. Pressure up the 4-1/2" casing to 560 psig surface pressure.
    - iii. Record pressure on 1 hour chart with 1000 psig spring for 30 minutes.
    - iv. Contact engineer with results of pressure test.
  - i. Retrieve 4-1/2" RBP from ~7900'.
7. Run 2-3/8" tubing and return the well to production.



## Wellbore Schematic

Well Name: Rosa Unit 64  
 Location: UL A, Sec 29, T-31N, R-05W 790' FNL & 790' FEL  
 County: Rio Arriba, NM  
 API #: 300-39-21703  
 Co-ordinates: Lat 36.8755951 Long -107.3793564  
 Elevations: GROUND: 6397'  
 KB: 6410'  
 Depths (KB): PBD: 8070'  
 TD: 8108'

Prepared By: 5/17/2021 Moss  
 Reviewed by: 5/21/2021 Gomez  
 Spud Date: 8/7/1978  
 Completion Date: 10/5/1978  
 Last Workover Date: 11/5/2021





Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/oed/contact-us>

State of New Mexico  
Energy, Minerals and Natural Resources  
Oil Conservation Division  
1220 S. St Francis Dr.  
Santa Fe, NM 87505

CONDITIONS

Action 489224

CONDITIONS

Operator: LOGOS OPERATING, LLC 2010 Afton Place Farmington, NM 87401	OGRID: 289408
	Action Number: 489224
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
andrew.fordyce	Notify the OCD inspection supervisor 24 hours prior to MOL.	7/29/2025