

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

APR 22 2019

FORM APPROVED  
OMB No. 1004-0137  
Expires: January 31, 2018

**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.*

|  |  |   |
|--|--|---|
| <b>SUBMIT IN TRIPLICATE - Other instructions on page 2</b>   |  | 5. Lease Serial No.<br>NMSF 078769                              |
| 1. Type of Well<br><input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other |  | 6. If Indian, Allottee or Tribe Name<br>Field Office Management |
| 2. Name of Operator<br>LOGOS Operating, LLC  |  | 7. If Unit of CA/Agreement, Name and/or No.<br>NMNM 78407E      |
| 3a. Address<br>2010 Afton Place<br>Farmington, NM 87401  |  | 8. Well Name and No.<br>Rosa Unit 656Y                          |
| 3b. Phone No. (include area code)<br>(505) 787-2218  |  | 9. API Well No.<br>30-039-31328                                 |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)<br>1030 FNL & 354 FEL, NE/NE, A, Sec 25 T31N R06W, Lot 1  |  | 10. Field and Pool or Exploratory Area<br>Basin Mancos          |
|  |  | 11. Country or Parish, State<br>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 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 type="checkbox"/> Other          |
|  | <input type="checkbox"/> Change Plans         | <input checked="" 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 recomplate 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 recomplate 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 is requesting to plug and abandon the surface set for the Rosa Unit 656Y per the attached procedure and schematic representing the current and proposed well bore.

NMOCB

APR 23 2019

DISTRICT III

CONDITIONS OF APPROVAL  
Adhere to previously issued stipulations.

See Attached

|  |  |                       |  |
|--|--|-----------------------|--|
| 14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)<br>Marie E. Florez |  | Regulatory Specialist |  |
| Signature <i>Marie E. Florez</i>   |  | Date 04/22/2019       |  |

THE SPACE FOR FEDERAL OR STATE OFFICE USE

|   |                     |                 |
|---|---------------------|-----------------|
| Approved by<br><i>[Signature]</i>   | Title<br>Petr. Eng. | Date<br>4/23/19 |
| 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)

NMOCB AY

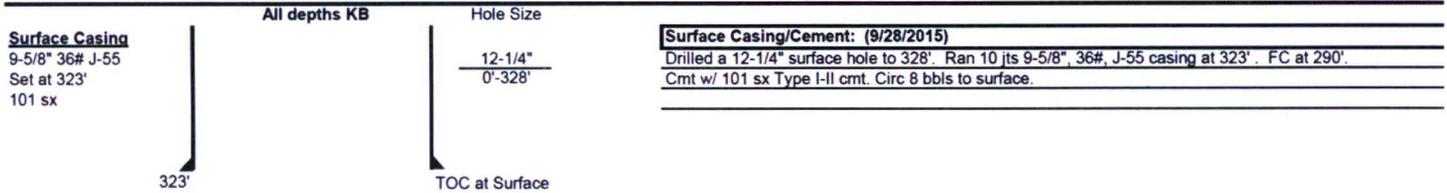


Well Name: Rosa Unit 656Y  
 Location: Sec 25, T31N, R6W, 1030' FNL, 354' FEL  
 County: Rio Arriba  
 API #: 30-039-31328  
 Co-ordinates: 36.875029N, 107.408997W  
 Operator: Logos Operating, LLC

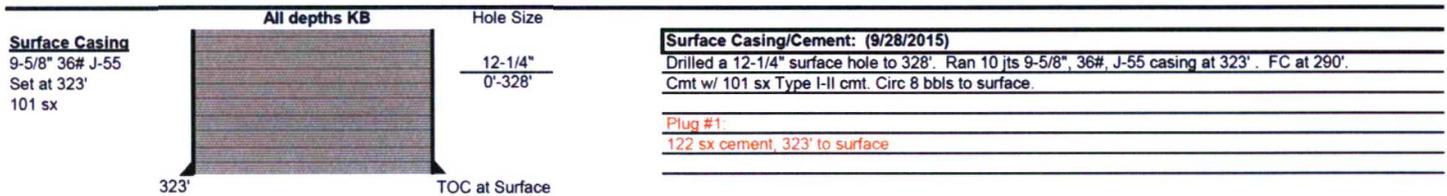
Ground Elevation: 6372'  
 KB Elevation: \_\_\_\_\_  
 TVD: 328'  
 MD: 328'  
 PBDT: \_\_\_\_\_  
 Target Zone TVD: \_\_\_\_\_  
 Length of Lateral: \_\_\_\_\_

Date Prepared: 4/8/2019 Graham  
 Last Updated: \_\_\_\_\_  
 Spud Date: 9/28/2015  
 Completion Date: \_\_\_\_\_  
 Last Workover Date: \_\_\_\_\_

**Current Wellbore Schematic**



**Proposed Wellbore Schematic**



**Objective:**

- Permanently "Plug & Abandon" 9 5/8" 36# J-55 LT&C surface casing. Casing set depth is at 323', TD at 328'.

**Prior to Job:**

- Notify BLM.

**Procedure:**

- Mobilize cement equipment to location.
- NU on well head with a diverter.
- Hold Pre-Job safety meeting with all involved parties.
- Tally / TIH with PVC.
- Logos rep will confirm that 9 5/8" is full of fluid.
- Rig up cementing equipment. Fill PVC with fluid and confirm circulation.
- Pump ~122 sxs with ~15 bbls of mix water. Note displacement calculated.
- Cut PVC and leave in the wellbore.
- Cut off 9 5/8" casing 3' or greater below GL and install a 1/4" or greater steel plate.

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
FARMINGTON DISTRICT OFFICE  
6251 COLLEGE BLVD.  
FARMINGTON, NEW MEXICO 87402

Attachment to notice of Intent to  
Plug and Abandon  
Well: **Rosa Unit #656Y**

CONDITIONS OF APPROVAL

1. Farmington Office is to be notified at least 24 hours prior to commencing abandonment operations : (505) 564-7750.
2. File Subsequent Report within 30 days of completing abandonment operations.

Office Hours: 7:45 a.m. to 4:30 p.m.