

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2		5. Lease Serial No. NMSF 078769
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name
2. Name of Operator LOGOS Operating, LLC		7. If Unit of CA/Agreement, Name and/or No. NMNM 78407E
3a. Address 2010 Afton Place Farmington, NM 87401	3b. Phone No. (include area code) (505) 787-2218	8. Well Name and No. Rosa Unit 654Y
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1015 FNL & 363 FEL, NE/NE, A, Sec 25 T31N R06W, Lot 1		9. API Well No. 30-039-31327
		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 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 recomple 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 recomple 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 654Y per the attached procedure and schematic representing the current and proposed well bore.

NMOC

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) Marie E. Florez		Regulatory Specialist
Signature <i>Marie E. Florez</i>		Title
		Date 04/22/2019

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>[Signature]</i>	Title <i>Petr. Eng.</i>	Date 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)

NMOC

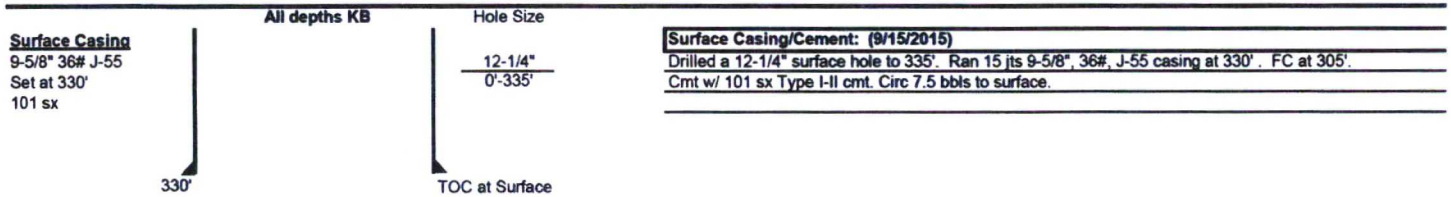


Well Name: Rosa Unit 654Y
 Location: Sec 25, T31N, R6W, 1015' FNL, 363' FEL
 County: Rio Arriba
 API #: 30-039-31327
 Co-ordinates: 36.875071 N, 107.409026W
 Operator: Logos Operating, LLC

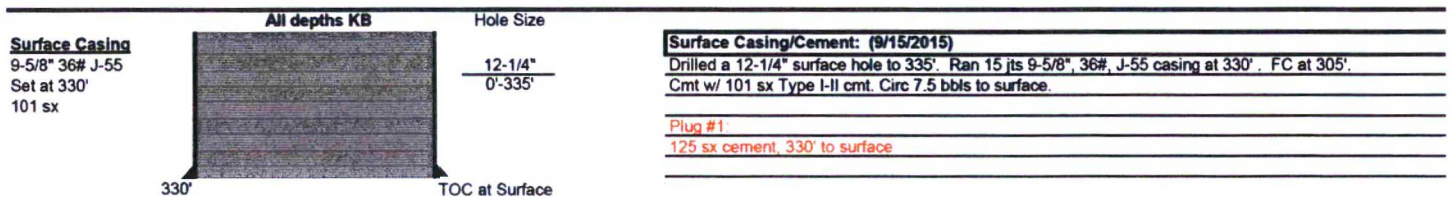
Ground Elevation: 6372'
 KB Elevation: _____
 TVD: 335'
 MD: 335'
 PBTD: _____
 Target Zone TVD: _____
 Length of Lateral: _____

Date Prepared: 4/8/2019 Graham
 Last Updated: _____
 Spud Date: 9/14/2015
 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 330', TD at 335'.

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 ~125 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 #654Y**

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.