

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

FORM APPROVED
OMB No. 1004-0137
Expires: October 31, 2014

SUNDRY NOTICES AND REPORTS ON WELLS **MAR 12 2013**

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.
Farmington Field Office
Bureau of Land Management

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMNM 109387
2. Name of Operator Logos Operating, LLC		6. If Indian, Allottee or Tribe Name
3a. Address 4001 North Butler, Building 7101 Farmington, New Mexico 87401	3b. Phone No. (include area code) 505-436-2627	7. If Unit of CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 741' FSL & 1263' FEL Section 5, Township 22N, Range 6W		8. Well Name and No. Logos #3
		9. API Well No. 30-043-21135
		10. Field and Pool or Exploratory Area *Please see sundry summary for Pool information
		11. County or Parish, State Sandoval, New Mexico

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"/> Fracture Treat	<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 <u>Commingle wellbore</u>
	<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 recomplete 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 recompletion 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, LLC proposes to commingle the referenced well upon completion of the Gallup and Dakota intervals.

The allocations per zone will be established by using the stabilized flowback rates of each zone which will be isolated during flowback. The stabilized flowback rates will be compared against the swab test data for each isolated zone. After the completion, Logos will isolate each zone and swab test the zones to ensure that the flowback data is accurate.

The pressures per zone are calculated based on data gathered during drilling and also data gathered during flowback. The Dakota pressure is at or above the water gradient. The Gallup pressure is below water gradient and is calculated at 0.4 PSI/ft.

*The Mesa Verde formation was a dry hole completion. *Now only a commingle; Gallup/Dakota*

RCVD MAR 26 '13
OIL CONS. DIV.
DIST. 3

Pool Information:

WC22N6W5;Gallup(O) 97894 **98013**
WC22N6W5;Dakota(O) 97997

CONFIDENTIAL

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Kristy Graham	Title Production Engineer
Signature <i>Kristy Graham</i>	Date 03/12/2013

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by <i>Joe Bennett</i>	Title Geo	Date 3-21-13
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 FFD	

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)

NMOCDA