

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

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

NOV 30 2012

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.
424

6. If Indian, Allottee or Tribe Name
Gicarilla Apache

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well
 Oil Well Gas Well Other **CONFIDENTIAL**

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

2. Name of Operator
Logos Operating, LLC

8. Well Name and No.
Logos #2

3a. Address
4001 North Butler Ave., Building 7101
Farmington, NM 87401

3b. Phone No. (include area code)
505-436-2626

9. API Well No.
30-043-21120

10. Field and Pool or Exploratory Area
Please see below.

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
Section 6, T22N, R5W, Unit Letter I
1930 FSL, 730 FEL

11. County or Parish, State
Sandoval County, NM

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input 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 checked="" 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>Production Allocation</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 will allocate the production volumes for the Logos #2 as follows:

WC 22N5W6; Dakota (O) 97990
30% of the oil and gas will be allocated to the Dakota
9% of the water will be allocated to the Dakota

WC 22N5W6; Gallup (O) 97989
65% of the oil and gas will be allocated to the Gallup
13% of the water will be allocated to the Gallup

Venado Mesaverde 62490
5% of the oil and gas will be allocated to the MesaVerde
78% of the water will be allocated to the MesaVerde

RCVD DEC 7 '12
OIL CONS. DIV.
DIST. 3

DHC 4590

These allocation percentages are based on the Logos #1 flowback and swab results. Due to the size of the frac jobs, it is difficult to determine the exact allocation until all of the frac fluid is recovered. Logos proposes to use the above allocation percentages for up to 6 months. Logos will test the well within 6 months to re-allocate the volumes after the frac fluids are recovered.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
David Gonzales Title Vice-President of Operations

Signature *David Gonzales* Date 11/30/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by *Joe Hart* Title *Geo* Date *12-3-12*

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 *FEO*

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.

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CONFIDENTIAL