RECEIVED

Form 3160-5
(March 2012)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

DEC 12 2012

Farmington Field Off
Bureau of Land Manage

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

**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.
Jicarilla Tribal #424

6. If Indian, Allottee or Tribe Name
Jicarilla Apache

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

1. Type of Well
☑ Oil Well ☐ Gas Well ☐ Other

8. Well Name and No.
Logos #2

2. Name of Operator
Logos Operating, LLC

9. API Well No.
30-043-21120

3a. Address
4001 North Butler, Building 7101
Farmington, New Mexico 87401

3b. Phone No. *(include area code)*
505-436-2627

10. Field and Pool or Exploratory Area
See Section 13 below

4. Location of Well *(Footage, Sec., T.,R.,M., or Survey Description)*
1930' FSL & 730' FEL
Section 6, Township 22N, Range 5W

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 | | | |
|---|---|---|---|---|
| ☑ Notice of Intent | ☐ Acidize | ☐ Deepen | ☐ Production (Start/Resume) | ☐ Water Shut-Off |
| | ☐ Alter Casing | ☐ Fracture Treat | ☐ Reclamation | ☐ Well Integrity |
| ☐ Subsequent Report | ☐ Casing Repair | ☐ New Construction | ☐ Recomplete | ☑ Other DK Water Isolation and shut off |
| | ☐ Change Plans | ☐ Plug and Abandon | ☐ Temporarily Abandon | |
| ☐ Final Abandonment Notice | ☐ Convert to Injection | ☐ Plug Back | ☐ 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 move a rig onto the Logos #2 to shut off a water zone in the lower Dakota. Logos plans to set CIBP at ~ 6270' and return the well to production. This water shut off is based on the extensive testing that Logos Operating, LLC has done on the Logos #1 offset well.

Proposed procedure:

1. MIRU. TOOH with rods and tubing.
2. PU a CIBP and TIH and set CIBP @ 6270'.
3. PU tubing and rods from derrick and run back in hole.
4. Hang well on and return to production.

RCVD JAN 7 '13
OIL CONS. DIV.
DIST. 3

Logos 2 Fields/Pools: WC22N5W6; Dakota (O) 97990 - WC22N5W6; Gallup (O) 97989 - Vendado Mesaverde: 62490

CONFIDENTIAL

14. I hereby certify that the foregoing is true and correct. Name *(Printed/Typed)*
John Austin Akers

Title VP of Land

Signature

Date 12/12/2012

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by

Title Petr. Eng.

Date 12/26/12

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

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)

NMOCD