

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCT 31 2012

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.**5. Lease Serial No.  
Jicarilla Apache Lease #424  
6. Indian, Allottee or Tribe Name  
Jicarilla Apache Nation

SUBMIT IN TRIPLICATE - Other instructions on page 2.

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator  
Logos Capital Management, LLC3a. Address  
4001 North Butler, Building 7101  
Farmington, New Mexico 874013b. Phone No. (include area code)  
505-436-26274. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
F-05-22N-05W 1610 FNL 1710 FWL

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

8. Well Name and No.  
Logos #19. API Well No.  
30-043-2111910. Field and Pool or Exploratory Area  
\*Please see sundry summary for Pool information11. 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 type="checkbox"/> Notice of Intent             | <input type="checkbox"/> Acidize              | <input type="checkbox"/> Deepen           | <input type="checkbox"/> Production (Start/Resume) | <input checked="" 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 type="checkbox"/> Other _____               |
|   | <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 recompleat 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 recompleat 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.)

Pools: Venado Mesaverde 62490, WC22N5W5;Gallup(O) 97968, WC22N5W5;Dakota(O) 97977

10/25/12: MIRU. Held safety meeting. Csg PSI at 0, tubing pressure at 0 PSI. Test tbg to 500 PSI, held good. TOO H with rods and pump. NDWH. Remove tubing hanger and release tubing anchor. NUBOP. TOO H with tubing, TAC, and BHA.

10/26/12: PU work string with CIBP and packer. Set CIBP @ 4280' and packer at 4260 to test CIBP. CIBP tested to 500 PSI, held good. PU packer and reset @ 4071' (isolating perforations from 4130-4132'). Establish injection rate into perforations, 3.8 BPM @ 2000 PSI. Release packer and TOO H with tubing/packer. PU cement retainer and TIH and set @ 4081'. Test tubing to 1150 PSI, held good. RU cement crew and 150 sx (177 cu/ft) of Type III cement. Displace with 23 bbls of water, leaving 1/4 bbl of cement in tubing and 31.25 bbls of cement below retainer. Sting out of retainer and reverse out 30 bbls of water. POOH with 12 stands of tubing.

10/27/12: TOO H with tubing and LD setting tools. PU 4-3/4" bit and bit sub on tubing and TIH to 2002'. RU air package and unload hole.

10/28/12: Continue unloading hole with air package. Drill out cement retainer and 64' of cement. Unload hole with air package above CIBP.

10/29/12: Drill out CIBP @ 4280' and chase down to 6555'. TOO H with workstring/bit and LD. Rerun production tubing/BHA from derrick (EOT @ 4907' KB and SN @ 4870' KB, TAC @ 4771' KB). NDBOP. Set TAC with 15K tension. NUWH. Re-run rods and rebuilt pump. Hang well on and return to production.

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

Kristy Graham

Title Director of Administration and Engineering Support

Signature

Date 10/30/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

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.

Title

Office

Date

BY

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)

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