

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**  
**Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.**

NOV 17 2012

5. Lease Serial No.  
Jicarilla Tribal #424

6. If Indian, Allottee or Tribe Name  
Jicarilla Apache

RCVD NOV 7 '12

OIL CONS. DIV.  
DIST. 3

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
Logos Capital Management, LLC

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.

8. Well Name and No.  
Logos #1

9. API Well No.  
30-043-21119

10. Field and Pool or Exploratory Area  
Venado Mesa Verde 62490

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1610' FNL & 1710' FWL  
Section 5, 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			
<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 Mesa Verde Completion
	<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.)

9/25/12 Rigged up wireline. Set a 5-1/2" composite bridge plug at 4480' KB. Perforated the Mesa Verde at 3 spf from 3437'4328'. Total of 63 (0.34") holes. SI the well, rigged down wireline. Wait on workover rig.  
10/1/2012: MIRU workover unit. TIH with tubing. RU swab unit and swab 85 BW.  
10/2/2012: Swab test and recovered 75 BW, 1.5 BO, and no gas.  
10/5/2012: TIH with packer and RBP and isolate perforations from 3750'-4058'.  
10/6/2012: MIRU Baker and pump acid breakdown job on perfs from 3750-4058'. Pumped 500 gal of 15%HCl with 50 bio sealers and 30 bbls of water. Swab back 25 bbls of load. SDFN.  
10/8/2012: SITP and SICP are 0, well went on vacuum. Swab and recovered remaining load (15 BBLS) with little oil show. Swabbed well dry. TOOH with RBP and packer.  
10/9/2012: TIH and drill out composite bridge plug at 4480'. Continue cleaning down to plug @ 5170'.  
10/10/2012: Drill composite plug at 5170'. Well started making heavy sand. Clean down to CBP @ 5570'. Drill out plug and push down 15'.  
10/11/2012: TIH to CBP @ 6300'. Drill out and push down to 6489' and clean out to 6500'.  
10/15/2012: PU J-55, 2-7/8" tubing and TIH. Set EOT @ 4904' with SN @ 4866'. Set tubing above frac intervals because the well is making too much sand.  
10/16/2012: TIH with rods and pump. Hang well on. Turn well over to production.

CONFIDENTIAL

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 10/18/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Office

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 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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