

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

SEP 13 2012

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

SUNDRIY NOTICES AND REPORTS ON WELL
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 Tribal #424

6. If Indian, Allottee or Tribe Name
Jicarilla Apache

RCVD SEP 17 '12

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.
OIL CONS. DIV.

8. Well Name and No.
Logos #1 DIST. 3

9. API Well No.
30-043-21119

10. Field and Pool or Exploratory Area
WC22N5W5, Gallup(O)

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 <i>BP</i>	<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>Gallup Completion</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 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.)

8/30/12: Rigged up wireline and set composite bridge plug @ 5570' (KB). Pressure tested the plug to 5000 PSI, held good. Perforated the lower Gallup from 5457-5205' with a total of 36 holes. SI the well and prepare for frac.

8/31/12: SI pressure was 132 PSI. Loaded the hole and broke formation down at 2139 PSI. Frac with 2000 gal of 15% HCL, 10# linear gel in a 60 quality foam, 16,600# of 100 mesh sand and 204,476# of 40/70 sand, 6876 BBLs of 2% KCL, and 10,368 MCF N2. ATP of 3300 PSI, MTP 3605 PSI. Job completed at 1925 hours. Rigged up wireline and set a composite frac plug @ 5170' (KB) and pressure tested the plug to 5000 PSI, held good. Perforated the upper Gallup 5134'-5022' with 39 holes. SI for the night.

9/1/12: SI pressure was 348 PSI. Loaded the hole and broke down at 1494 PSI. Frac with 2000 gal of 15% HCL, 13,745# of 100 mesh sand and 120,000# of 40/70 sand in 10,314 bbls of 2% KCl slickwater. ATP 2100 PSI, MTP 3385 PSI. Job completed at 1210 hours on 9/1/12. ✓

ACCEPTED FOR RECORD

SEP 14 2012

FARMINGTON FIELD OFFICE
BY TL Solvers

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

Kristy Graham

Title Director of Administration and Engineering Support

Signature

Kristy Graham

Date 09/12/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

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)

~~OPERATOR~~ *AV*
NMOC