

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 29 2012

Farmington Field Office
Bureau of Land Management

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

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

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.

8. Well Name and No.
Logos #2

9. API Well No.
30-043-21120

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

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 Amended
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	MV/GL/DK Completion
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	New Pool Assignments

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.)

Please see attached completion information.

Pools:
Venado MesaVerde (O) 62490
WC 22N5W6; Gallup(O) 97989
WC 22N5W6; Dakota(O) 97990

RCVD NOV 29 '12
OIL CONS. DIV.
DIST. 3

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 11/21/2012

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

ACCEPTED FOR RECORD

Approved by

Title

Date

NOV 29 2012

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)

NMOCDA

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Logos Capital Management, LLC

Logos #2

30-043-21120

Section 6, T22N, R5W

Completion Report

10/16/12 – MIRU workover unit.

10/17/12 – ND wellhead. NU BOP. TIH with 4-3/4" bit and 2-7/8" work string. Tag up at 2537' and drill out cement and DV tool. Test casing to 1000 PSI for 30 minutes and held good. Continue in hole and tag up at 4468' and drill out cement and DV tool.

10/18/12 – Continue drilling out DV tool and fall through last DV tool. Test casing to 1000 PSI for 15 minutes and held good. TIH to PBTD @ 6617' and circulate hole with 2% KCL. TOOH with tubing and bit and LD. RDMO.

10/26/12 – MIRU wireline. Ran CBL from 6601' to surface. Good cement to surface. RIH with perf guns and perforate from 6583'-6296' (33 total holes of 0.43"). RD wireline and SWI. SD until frac date.

11/2/12 – MIRU frac company. Frac perfs from 6583'-6296' with 2000 gal of 15% HCL, 10000 lbs of 100 mesh sand, 56949 lbs of 40/70 white sand, and 5021 bbls of slickwater. RU wireline and TIH with composite frac plug to 6260' and set. Tested frac plug to 2500 PSI and plug failed. PU composite bridge plug and TIH to 6253' and set. Tested composite plug to 2500 PSI and held good. PU perf guns and perforate from 6220'-5894' (40 holes). Frac perfs from 6220'-5894' with 2000 gal of 15% HCL, 10000 lbs of 100 mesh sand, 98326 lbs of 40/70 sand, and 8054 bbls of slickwater. RU wireline and set composite bridge plug @ 5750', tested to 2500 PSI and held good. PU perf guns and perforate from 5640'-5191' (45 holes). TOOH with wireline and SI for the night.

11/3/12 – Frac the perforations from 5640-5191 with 2000 gal of 15% HCL, 10000 lbs of 100 mesh sand, 189725 lbs of 40/70 sand, in a 60Q Foam with 10# linear gel (4870 bbls of slickwater and 3.2MMSCF of N2). RU wireline and RIH with frac plug and set at 5180'. Pressure tested frac plug to 2500 psi and held good. RU wireline and perforate from 5160'-4932' (40 holes). Frac perfs from 5160'-4932' with 2000 gal of 15% HCL, 10000 lbs of 100 mesh sand, 105340 lbs of 40/70 sand, and 7754 bbls of slickwater. RU wireline and TIH with composite bridge plug and set at 4905'. TIH and perforate from 4061-4071 with 3 SPF (30 holes). RD wireline and release. RD frac company and release. Clear location and leave well secured for workover rig.

11/8/12 – MIRU workover unit. PU and TIH with 2-7/8" tubing and 5-1/2" packer and set packer at 3020'. SDFN.

11/10/12 – Pump 500 gal of 15% HCL at 3 BPM, formation broke at 2600 PSI. Displace with 7 bbls of water.

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