

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

NOV 28 2012

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

SUNDRY NOTICES AND REPORTS ON WELLS

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

SUBMIT IN TRIPLICATE - Other instructions on reverse side

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

2. Name of Operator
 Logos Capital Management, LLC

3a. Address
 7415 East Main, Farmington, NM

3b. Phone No. (include area code)
 505-327-4892

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
 1930' FSL & 730' FEL Section 6, T22N, R5W

5. Lease Serial No.
 Jicarilla Apache Lease #424

6. If Indian, Allottee or Tribe Name
 Jicarilla Apache Nation

7. If Unit or CA/Agreement, Name and/or N

8. Well Name and No.
 Logos #2

9. API Well No.
 30-043-21120

10. Field and Pool, or Exploratory Area
 Basin Dakota

11. County or Parish, State
 Sandoval County

12. CHECK 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 checked="" 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 Operations (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 recomple 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 shall 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 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Ran 159 jts of 5-1/2", 17#, P110, LT&C casing. Land casing at 6639' KB, float collar at 6622' KB, 1st DV tool at 4473' KB & 2nd DV tool at 2557' KB. Bump plug on 1st stage cement to 2000 psi - held OK. Open DV tool & circulate 30 bbls of cement to surface. Bump plug on 2nd stage to 1120 psi - held OK. Open 2nd DV tool & circulate 30 bbls of cement to surface. Bump plug on 3rd stage to 740 psi, pressure up to 2150 psi to close DV tool - holding OK. Circulate 50 bbls of cement to surface. ND BOP & set slips w/ 130K in tension. Rig released at 00:00 hrs 10/6/2012.

See attachment for 3 stage cement details.

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

Report Prod csg pressure test on the completion report.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed) John C. Thompson	Title Agent / Engineer
Signature 	Date October 15, 2012

THIS SPACE FOR FEDERAL OR STATE USE

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 FARMINGTON FIELD OFFICE

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*Amend form to include Hole Size, TD & date TD r

NMOCDA

Logos #2 – production casing/cement sundry (attachment)

1 stage: Precede cement w/ 10 bbl water, 20 bbls of mud clean & 5 bbl water pace. Mix & pump 100 sx (198 cf) of Premium Lite w/ 0.25#/sk Cello-Flake, 0.2% CD-32, 0.2% FL-52A. Tail in w/ 250 sx (345 cf) of Type III w/ 1% CaCl₂, 0.25#/sk Cello-Flake, 0.2% FL-52A. Good circulation throughout job. Pump slurry at 5 bpm. Drop plug & displace cement w/ 112 bbls of water & 41.3.5 bbls of mud (total displacement: 153.4 bbls). PD at 20:30 hrs 10/5/2012. Bump plug to 2000 psi (held pressure ok) – release pressure to check floats, holding OK. Increase pressure & open 1st DV tool at 2300 psi. Circulate off top of 1st DV tool. Continue pumping and **circulate out 30 bbls of good cement to surface**. Switch over to rig pump and circulate for 4 hrs – good returns entire time.

2nd stage: Precede cement w/ 10 bbls water & 10 bbls of mud clean. Mix & pump 100 sx (209 cf) of Premium Lite, 1% CaCl₂, 5#/sk LCM-1, 8% Bentonite. Tail in w/ 226 sx (312 cf) of Type III w/ 1% CaCl₂, 0.25#/sk Cello Flake, 0.2% FL-52. Drop plug & displace cement w/ 54 bbls of water & 50 bbls of mud (total displacement: 104 bbls). PD at 03:00 hrs 10/6/2012. Bump plug to 1200 psi (close 1st DV tool) – holding pressure OK. Release pressure to check float, held OK. Open cement head & drop dart. Hesitate for 15 mins. Pressure up on 2nd DV tool, opened at 1030 psi. Circulate off top of 2nd DV tool. Continue pumping and **circulate out 30 bbls of good cement to surface**. Switch over to rig pump & circulate for 4 hrs – good returns entire time.

3rd stage. Precede cement w/ 10 bbls water & 10 bbls of mud clean. Mix & pump 250 sx (532 cf) of Premium Lite w/ 3% CaCl₂, 0.25 #/sk Cello-Flake, 5#/sk LCM-1, 8% Bentonite, 0.4% Sodium Metasilicate, 0.4% FL-52A. Tail in w/ 150 sx (204 cf) of Type III w/ 1% CaCl₂, 0.25#/sk Cello Flake, 0.2% FL-52. Pump slurry at 5 bpm. Drop plug & displace cement w/ 59.3 bbls of water. PD at 09:00 hrs 10/6/2012. Bump plug to 2150 psi (close 2nd DV tool) – holding pressure OK. Release pressure to check float, held OK. **Circulated 50 bbls of good cement to surface**.