

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

OCT 25 2013

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.

SUBMIT IN TRIPLICATE – Other instructions on page 2.		5. Lease Serial No. Jicarilla Apache Lease #424
1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		6. If Indian, Allottee or Tribe Name Jicarilla Apache Nation
2. Name of Operator Logos Operating, LLC		7. If Unit of CA/Agreement, Name and/or No. RCVD OCT 30 '13
3a. Address 4001 North Butler Avenue, Building 7101 Farmington, NM 87401		8. Well Name and No. Logos #8 OIL CONS. DIV.
3b. Phone No. (include area code) 505-330-9333		9. API Well No. 30-043-21156 DIST. 3
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1640' FNL, 2250' FEL Section 5, T22N, R5W, UL G		10. Field and Pool or Exploratory Area Wildcat Dakota
		11. County or Parish, State Sandoval County, NM

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 Production Casing
	<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.)

10/11/13 MIRU AWS730. NU BOP. 13:00hr PT csg @ 1500psi for 30mins, good test. 10/12/13 TIH w/7-7/8" bit, tag cmt @ 451', DO cmt, FC & shoe @ 524'. CO to 528'. Start drilling 7-7/8" production hole. 10/15/13 TD 6315' reached @ 21:30hr. 10/16/13 circ to TD. RIH w/138/its 5-1/2", 17#, P-110 LT&C csg & land @ 6304' w/FC @ 6256'. Stage tool @ 4418'.

10/17/13 RU BJ to cmt. Cement 1st Stage: Preflush w/10bbls FW, 20bbls GW & 10bbls FW. Lead w/145sx (51bbls, 287cf) Premium Light H.S. FM cmt w/.25#/sx CelloFlake, .3% CD-32, 6.25#/sx LCM, 1% FL-52A. Tail w/150sx (37bbls, 208cf) Type III cmt w/1% CaCl, .25#/sx CelloFlake, .2% FL-52A. Drop plug & displace w/60bbls FW & 85bbls mud. Bump plug @ 06:04hr on 10/17/13, open DV tool & circ 25bbls cmt to surface. Circ.

Cement 2nd stage. Preflush w/10bbls Mud Clean II & 10bbls FW. Lead w/540sx (208bbls, 1170cf) Premium Lite H.S. FM cmt w/.25#/sx CelloFlake, .3% CD-32, 6.25#/sx LCM-1. Tail w/50sx (12bbls, 68cf) Type III cmt w/1% CaCl, .25#/sx CelloFlake, .2% FL-52A. Drop plug & displace w/11bbls FW. Land plug & close DV tool @ 12:06hr on 10/17/13, circ 50bbls cmt to surface. RD BJ, ND BOP. RDRR @ 06:00hr on 10/18/13.

ACCEPTED FOR RECORD

Pressure test to be reported on next sundry. ✓

OCT 28 2013

FARMINGTON FIELD OFFICE
BY William Tamberton

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Tamra Sessions		Title Operations Technician
Signature <i>Tam Sessions</i>		Date 10/25/2013

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)

NWOCDA