

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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.

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		APR 07 2014	
2. Name of Operator Logos Operating, LLC		Farmington Field Office	
3a. Address 4001 N Butler Ave Bldg 7101 Farmington, NM 87401		3b. Phone No. (include area code) 505-330-9333	
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 348' FNL 331' FEL Sec 8, T23N R08W, UL A		5. Lease Serial No. NM 109399	
		6. If Indian, Allottee or Tribe Name	
		7. If Unit of CA/Agreement, Name and/or No. RCVD APR 9 '14	
		8. Well Name and No. Warner-Caldwell 1A OIL CONS. DILL	
		9. API Well No. 30-045-35505 DIST. 3	
		10. Field and Pool or Exploratory Area Nageezi Gallup	
		11. County or Parish, State San Juan, 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.)

03/21/14 MIRU AZ222. NU BOP 03/22/14 Pressure test csg to 3000 psi for 30mins, test good. TIH, tag cmt @ 257', DO cmt, FC & shoe @ 332'. CO to 337'. Start drilling 7-7/8" production hole. TD 6170' on 03/25/14 @ 12:30hr. Circ.
03/26/14 RU wireline & run open hole logs. RD wireline. Rig service. 03/27/14 Circ to TD 6170'. 03/28/14 RIH w/145jts 5-1/2" 17# P-110 LT&C csg & land @ 6170' w/FC @ 6125' & stage tool @ 4238'. RU Halliburton to cmt.

Cement 1st Stage: Preflush w/5bbbs FW, 10bbbs CW & 10bbbs FW. Lead w/160sx(56bbbs, 315cf) Premium Light H.S. w/5#/sx Kol-Seal, 0.125#/sx Poly-E-Flake, 0.3% HR-5. Tail w/150sx(35bbbs, 197cf) 50/50 Poz Standard w/0.125#/sx Poly-E-Flake, 5#/sx Kol-Seal, 0.15% CFR-3, 0.3% Halad(R)-9. Drop plug & displace w/51bbbs FW & 91bbbs mud. Bump plug @ 10:10hr on 03/28/14. Open tool & circ 32bbbs cmt to surface.

Cement 2nd Stage: Preflush w/5bbbs FW, 10bbbs CW, 10bbbs FW. Lead w/540sx(187bbbs, 1052cf) Premium Light H.S. FM w/5#/sx Kol-Seal, 0.125#/sx Poly-E-Flake. Tail w/50sx(10bbbs, 56cf) Premium cmt w/0.2% HR-9. Drop plug & displace w/98bbbs FW. Bump plug, close stage tool @ 16:40hr on 03/28/14, & circ 48bbbs cmt to surface, RD Halliburton. ND BOP. Set 5-1/2" csg slips.

RDRR @ 07:00hr on 03/29/14. Pressure test will be reported on next sundry. ✓

ACCEPTED FOR RECORD

APR 07 2014

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>Tamra Sessions</i>		Date 04/04/2014

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.