

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB NO. 1004-0137  
Expires: January 31, 2018

**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 type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. JIC119
2. Name of Operator LOGOS OPERATING LLC Contact: MARIE E FLOREZ E-Mail: mflorez@logosresourcesllc.com		6. If Indian, Allottee or Tribe Name JICARILLA APACHE
3a. Address 2010 AFTON PLACE FARMINGTON, NM 87401	3b. Phone No. (include area code) Ph: 505-787-2218	7. If Unit or CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 6 T26N R4W SENE		8. Well Name and No. JICARILLA 119 N 9
		9. API Well No. 30-039-06711-00-S1
		10. Field and Pool or Exploratory Area TAPACITO PICTURED CLIFFS
		11. County or Parish, State RIO ARRIBA 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"/> Hydraulic Fracturing	<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 Workover Operations
	<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 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.

12/20/2019 MIRU. ND WH. NU & Function test BOP. Dressed w/ 2-3/8" rams. RU for 2-3/8" tbq. TOOH, w/ 2-3/8" tbq. SDFWE.  
12/23/2019 TIH, w/ 4-1/4" bit & string mill. Tagged @ 3930'. RU swivel. Milled from 3930' to 3933'. Swivel stalled @ 3930'. Set back swivel. TOOH, LD bit/string mill. TIH, & set CBP 3875'. LD 1jt of 2-3/8" tbq. EOT @ 3842'. Load 5" csg w/ 52 bbls of FW. Attempt to PSI test csg to 500#. PSIfall to 400# and holds. TOOH, LD setting tool. TIH, w/ 5" tension packer. Set packer @ 3843', (32' above CBP @ 3875') PSI test DN tbq to 700# to test tbq and RBP - Good test. TOOH, drain pumps & lines. SD for Holiday. LOGOS notified Brandon Powell (OCD), Joe Killins (BLM) and Orson Harrison (JOGA) regarding remedial work and came across a slow casing leak, set a CIBP @ +/- 3875', 37' above perfs. LOGOS had not isolated the leak. LOGOS will proceed after the Holiday and update all parties.  
12/30/2019 Travel to location. Started pump & thawed out frozen manifold. Rolled hole w/ FW. Set

NMOCD  
FEB 20 2020  
DISTRICT III

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

**Electronic Submission #503625 verified by the BLM Well Information System  
For LOGOS OPERATING LLC, sent to the Rio Puerco  
Committed to AFMSS for processing by JOE KILLINS on 02/18/2020 (20JK0027SE)**

Name (Printed/Typed) MARIE E FLOREZ	Title REGULATORY SPECIALIST
Signature (Electronic Submission)	Date 02/18/2020

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved By <b>ACCEPTED</b>	JOE KILLINS Title PETROLEUM ENGINEER	Date 02/18/2020
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 Rio Puerco

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)

**\*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\* BLM REVISED \*\***

NMOCD

**Additional data for EC transaction #503625 that would not fit on the form**

**32. Additional remarks, continued**

PKR @ multiple depths to isolate csg leak. Drain pumps & lines. SDFN.  
12/31/2019 Travel to location. RU to swab. SN @ 3506'. Swabbed fluid DN from 700' to 3300'.  
Recovered 53bbbls of water. Loaded csg w/ FW. Moved pkr to locate csg leak. Pumped DK tbq to  
establish injection rate. Released pkr. TOOH, LD pkr. SI well. SDFN.

**Well Name: Jicarilla 119 N 9**

**API: 30-039-06711**

1/2/2020 LOGOS notified and received verbal approval from Kate Pickford (OCD), John Hoffman (BLM) and Orson Harrison (JOGA) to set a cmt retainer @ 3600', Bottom leak @ 3820' & top of leak @ 3632'. TIH, w/ CICR to 3600'. Loaded csg w/ 2bbls of FW. Establish injection rate @ 2BPM. Set CICR @ 3600'. Ru cementers. Hold 500# on csg. Establish injection rate DN tbg. Mixed & pumped 18.2bbls (90sx) of 15.8# 1.14tld of Class G cmt. Displaced w/ 13.4bbls of FW. 1/2bbl shy of total displacement. Sting out of retainer w/ 675# on tbg. TOOH, LD setting tool. RD & release cementers. SDFW.

1/6/2020 Travel to location. MU 4-1/4" bit. PU (6) 3-1/8" drill collars. TIH, tagged cmt @ 3540' RU swivel. DO cmt 3540' to CICR @ 3595'. DO CICR & cmt to 3640'. Plugged BHA attempting to reverse circulation. Set back swivel. TOOH. LD 2 plugged drill collars plugged w/ plug remains & cmt cuttings. Pumped out plug. PU collars. SI in well. Drained pumps & lines SDFN.

1/7/2020 Travel to location. TIH, w/ 4-1/4" bit. RU swivel DO cmt. Pressure test csg to 560#, lost 100# in 10 mins. Attempted PSI test multiple times. Leak off increased to 200# in 3 mins. TOOH, drain pumps & lines. SDFN.

1/8/2020 LOGOS notified and received verbal approval from Brandon Powell (OCD), Joe Killins (BLM) and Orson Harrison (JOGA) to proceed with a 2<sup>nd</sup> squeeze across the same intervals by setting a balance plug between 3600' – 3788'. Travel to location. TOOH, w/ pkr, run back to CBP open ended. RU cementers. Pumped 8.6bbls (41sx) of 15.8, 1.18yld of Class G cmt. Displaced w/ 13bbls of water. TOOH. TIH, w/ pkr @ 3348'. Reverse circ., bottoms up. LD 1jt& set pkr @ 3319'. Shut in.

1/9/2020 Travel to location. Release pkr. Froze on surface. LD 14jts. TOOH, w/ pkr. MU 4 blade bit. TIH to TOC @ 2990'. TU pump. Circ the hole to check for green cmt. Trace of cmt. TIH, f 2990' – 3435'. Tagged good cmt. Circ., hole while rigging up swivel. Tagged 54' deeper than calculated. Pushed 1.36bbls total outside casing. Continue to DO cmt. Circ., wellbore clean. TOOH, 3stds. Winterize pumps & lines. SDFN. Scheduled MIT test with OCD and JOGA.

1/10/2020 Hook lines up. Roll hole w/ FW. Pressure test casing @ 560# for 30mins – Good test. Charted w/ well check testing. Witnessed by Monica Kuehling (OCD) and Orson Harrison (JOGA). TIH, to CBP. Drill plug. Wash & ream to 3948'. Tagged hard @ 3930'. TOOH w/ blade bit. Landed 125jts of 2-3/8" production string @ 3927', 4.7#, J-55 w/ mule shoe collar. Landed in WH. RU swab tools and made 5 runs. RD move off.