

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.*

5. Lease Serial No. **JAN 108**

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

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No. **Logos Jicarilla 24D**

9. API Well No. **30-039-31339**

10. Field and Pool or Exploratory Area  
**Tapacito Gallup (Associated)**

11. Country or Parish, State  
**Rio Arriba, NM**

**SUBMIT IN TRIPLICATE - Other instructions on page 2**

1. Type of Well  
 Oil Well     Gas Well     Other

2. Name of Operator **LOGOS Operating, LLC**

3a. Address **4001 North Butler Ave, Bldg 7101  
Farmington, NM 87401**

3b. Phone No. (include area code)  
**(505) 436-3790**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**807' FNL & 215' FWL (NW/NW) Sec 24, T26N, R05W, UL D**

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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>Production Casing</b>
	<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.)

11/10/15 MIRU AD920. 11/11/15 NU BOP, test 3000psi for 10min, good test. 11/12/15 Test 9 5/8" csg to 1500psi for 30min, good test. PU MU BHA TIH w/7 7/8" bit, tag cmt @ 483'. DO cmt, FC & shoe @ 524', drill ahead, tight spots 4764'-5012', lost circ @ 5435' & 5510', add LCM. Drill ahead to TD @ 7159' @ 05:00hr on 11/18/15. Circ & cond hole, work tight spots. Run open hole logs. Circ to TD & work tight spots. 11/22/15 LD DP. RIH w/168jts 4-1/2" 11.6#, P-110, LTC csg & land @ 7144' w/FC @ 7099' & stage tool @ 5101' & 2427'. RU Baker Hughes to cmt.

Cement 1st Stage: Preflush w/10bbbs FW, 20bbbs SB 25. Lead w/346sx(126bbbs, 707cf) Premium Lite w/0.3% CD-32, 0.25#/sx Cello Flake, 1% FL-52A, 5#/sx Kol-Seal, 0.02g/sx FP-6L. Drop plug & displace w/30bbbs FW & 80bbbs mud. Bump plug @ 19:45hr on 11/22/15. Open hyd DV tool & circ 40bbbs cmt to surface. Circ thru DV tool @ 5101' w/rig pump.

Cement 2nd Stage: Preflush w/10bbbs FW, 20bbbs SB 25. Lead w/345sx(133bbbs, 747cf) Premium Lite FM w/3% CACL 0.25% Cello Flake, 0.4% SMS, 5#/sx Kol-Seal, 8% Bentonite, 0.4% FL-52A. Tail in w/84sx(31bbbs, 174cf) Premium Lite w/0.3% CD-32, 0.25#/sx Cello Flake, 1% FL-52A, 5#/sx Kol-Seal, 2% KCL, 0.02g/sx FO-6L. Drop plug & displace w/25bbbs FW & 54bbbs mud. Bump plug @ 02:00hr on 11/23/15. Close lower DV tool, drop bomb, open DV tool @ 2427' & circ 40bbbs cmt to surface. Circ thru DV too @ 2427' w/rig pump.

Cont on page 2.....

OIL CONS. DIV DIST. 3  
DEC 04 2015

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
**Tamra Sessions**

Title **Regulatory Specialist**

Signature *Tamra Sessions*

Date **11/25/2015**

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

Approved by

Title

Date

Office

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.

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)

ACCEPTED FOR RECORD

NOV 30 2015

NMOCD RV

FARMINGTON FIELD OFFICE  
BY: *William Tambekou*

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**LOGOS Jicarilla 24D**

**API# 30-039-31339**

**Tapacito Gallup (Associated)**

**Logos Operating, LLC**

**Page 2 of Production Casing Sundry**

Cement 3rd Stage: Preflush w/10bbls FW, 10bbls SB 25. Lead w/304sx (117bbls, 657cf) Premium Lite FM w/3% CACL 0.25#/sx Cello Flake, 0.4% SMS, 5#/sx Kol-Seal, 8% Bentonite, 0.4% FL-52A. Tail in w/124sx (30bbls, 168cf) Type III w/1% CACL, 0.25#/sx Cello Flake, 0.3% FL-52. Drop plug & displace w/38bbls FW. Land plug, close DV tool @ 07:00hr on 11/23/15. Circ 37bbls cmt to surface. RD Baker. ND BOP, set 4.5" casing slips & nite cap. RDRR @12:00hr on 11/23/15.

Pressure test will be reported on next sundry. ✓