

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 146**

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

SUBMIT IN TRIPLICATE - Other instructions on page 2

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No. **Logos Jicarilla 9P**

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

9. API Well No. **30-039-31338**

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

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

10. Field and Pool or Exploratory Area
Basin Mancos

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
901' FSL & 1063' FEL (SE/SE) Sec 9, T25N, R05W, UL P

11. Country or Parish, State
Rio Arriba, 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	
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	Completion	
	<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 recomplate 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 recomplate 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 detennined that the site is ready for final inspection.)

12/03/15 MIRU AZ656. NU BOP. TIH w/mill, tag DV tool @ 2440'. AT 14:30hr PT to 1000psi for 15min, test ok. DO cmt & DV tool @ 2440'. Tag DV tool @ 5100', PT to 1000psi for 15min, good test. DO cmt & DV tool @ 5100'. TIH to 6857' PBTD. Circ hole clean. PT csg to 1050psi for 35min, good test. TOH,

12/07/15 RU Bluejet, run CCL/CBL/GR f/PBTD to 5090'. RIH WL, perf six 0.38" DFIT holes at 6509'-6511'. RIH w/tbg & set packer @ 6496'. PT 500# for 10min, good test. RIH w/ memory gauges & X-plug, set gauges, wait 2hrs. Load hole w/13bbbs KCL. Begin DFIT. RD WL.

12/15/15 Work freeze on WH. RIH X-plug stuck, shear off. 12/16/15 POOH w/tbg & packer. Retrieve memory gauges. ND BOP, ND WH, NU frac stack. RDRR @ 17:00 hr on 12/16/15.

12/20/15 RU WL, RIH, set CIBP @ 6480'. Perf Gallup @ 6360'-6370' w/.40"diam. 4SPF = 40 holes.

12/21/15 Frac w/52bbbs treated water; 1102bbbs WaterFrac G 25# 70Q, 164017# 20/40 Arizona Brown Sand, 1.8mmscf N2. **ACCEPTED FOR RECORD**
12/21/15 Start flowback.

OIL CONS. DIV DIST. 3

DEC 29 2015

DEC 30 2015

FARMINGTON FIELD OFFICE
BY: *E. Madari*

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

Title **Regulatory Specialist**

Signature *Tamra Sessions*

Date **12/28/2015**

THE 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)