

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

RECEIVED

**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. **NMNM136672**  
6. If Indian, Allottee or Tribe Name

**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 **2010 Afton Place  
Farmington, NM 87401**    3b. Phone No. (include area code)  
**(505) 787-2218**  
 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
**1279' FSL & 298 FEL, SE/SE, P Sec 07 T23N R07W**

7. If Unit of CA/Agreement, Name and/or No.  
**NMNM 138467**  
 8. Well Name and No. **Federal 2307 07P Com 1H**  
 9. API Well No. **30-039-31366**  
 10. Field and Pool or Exploratory Area  
**Basin Mancos**  
 11. Country or Parish, State  
**Rio Arriba County, NM**

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

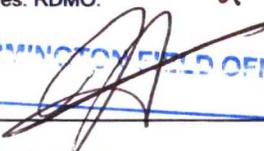
TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> 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
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	<b>Completion Report</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.)

11/16/18-11/17/18 MIRU. ND wellhead. NU & function test BOP- Good test. RU casing crew. TIH, PU 4 1/2" casing. RIH, land tieback string w/ 149jts of 4 1/2" 11.6#, P-110 @ 6590'. Seal Assembly. PSI tested 7" casing to 1500# for 30 minutes - Good test. ND BOP NU wellhead. PSI tested 4 1/2" casing to 1500# for 30 minutes - Good test. RDMO.

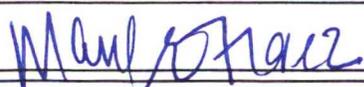
11/25/18-12/10/18 MIRU & spot Halliburton equipment. Psi tested lines - Good test. Open Alpha Sleeve w/ 6690#, brought up rate to 10bpm 3945#, pumped 20bbbls, SI well. Continue to RU. Test Lines-Good. Frac'd thru Alpha Sleeve @ 12301'- 12280' MD = 8 holes. Perf'd w/ 2SPF 0.38" diam. @ 12267'- 6902' = 792 holes w/ a total of 800 holes. Frac'd 34 stages of 9,465,056# 20/40 Arizona Sand, 1,990,760gals of 70% Linear gel N2 Foam & 75,818,752(scf) N2. RU WL. Set kill plug @ 6815'. well shut-in. RD Halliburton Frac equipment & frac stack. 12/11/18-12/12/18 RU rig & equipment. Spot in N2 & flowback. PU & MU BHA. TIH, PU 2-3/8" PH-6 tbg. PU power swivel, DO kill plug. Circulate, CO & continue to DO plugs.

12/13/18-12/14/18-Finish DO of all plugs & CO to alpha sleeve.  
 12/15/18- Change out tools. POOH, w/ 4-1/2" tieback string. RD. TIH w/ Production tubing of 4jts of 2 3/8", J-55, 4.7# tbg @ 6647' w/ mule shoe, Packer @ 6480', w/ 203jts of 2-7/8", J-55, 6.5# @ 6465' w/ XN-Nipple @ 6613' & 7 gas lift valves. RDMO.

FARMINGTON FIELD OFFICE  
By: 

NMOCD

FEB 01 2019

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)  
**Marie E. Florez**  
 Title **Regulatory Specialist**  
 Signature  Date **01/07/2019**

DISTRICT III

**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)

CONFIDENTIAL

NMOCD