

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED

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. NMNM136672
2. Name of Operator LOGOS Operating, LLC		6. If Indian, Allottee or Tribe Name
3a. Address 2010 Afton Place Farmington, NM 87401	3b. Phone No. (include area code) (505) 787-2218	7. If Unit of CA/Agreement, Name and/or No. NMNM 138467
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1288' FSL & 337' FEL, SE/SE, P Sec 07 T23N R07W		8. Well Name and No. Federal 2307 07P Com 3H
		9. API Well No. 30-039-31368
		10. Field and Pool or Exploratory Area Basin Mancos / Lybrook Gallup
		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	Completion Report
	<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 recompletable 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 recompletable 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.)

11/17/18-11/18/18 MIRU. Make up seal assembly. TIH, w/ tieback string 150jts, 4-1/2", 11.6#, P-110 and tieback @ 6280'. Land w/ 25K. ND BOP. NU wellhead. Pressure test 4-1/2" @ 1500psi/30min, good test. RD completion rig and equipment. Prep to move off loc.  
11/25/2018-12/10/18 RU Halliburton & WL. Open Alpha Sleeve w/ 8023#, brought up rate to 10bpm 4830#, pumped 20bbls & shut down. Continue to RU. Test Lines- good. Frac'd thru Alpha Sleeve @ 13342'- 13338' MD = 8 holes. Perf'd Mancos w/ 2SPF 0.38" diam. @ 13309'- 9482' = 576 holes. Perf'd Gallup w/ 2SPF 0.38" diam. @ 9452'- 6590' = 432holes w/ a total of 1016 holes. Frac'd 43 stages of 12,026,917# 20/40 Arizona Sand, 2,536,175gals of 70% Linear gel N2 Foam & 94,796,457(scf) N2. Set kill plug @ 6490'. RD Halliburton Frac equipment & frac stack.  
12/11/18 MIRU completion rig & equipment. ND Frac valve. NU BOP equipment. Change over to 4-1/2" handling tools. PU BHA, Function test- Good.  
12/12/18 Continue to RU equipment and lines. TIH, w/ PH-6 tbg. RU power swivel. Tagged & DO kill plug. Circulate, CO and start drilling out plugs.  
12/13/18-12/14/18 Continue DO of all plugs. Rig repair. Wash & ream.  
12/15/18 Circulate & CO to alpha sleeve. TOOH, PH-6 tbg. Change out tools. POOH, w/ 4-1/2" tieback string.  
12/16/18 PU/MU BHA. TIH, w/ Production tubing of 6jts of 2 3/8", J-55, 4.7# tbg @ 6396' w/ mule shoe, XN-Nipple @ 6363', Packer @ 6198', w/ 194jts of 2-7/8", J-55, 6.5# @ 6183' w/ 8 gas lift valves. RDMO.

FEB 05 2019

FARMINGTON FIELD OFFICE  
By: 

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Marie E. Florez		Regulatory Specialist	
Signature 		Date 01/29/2019	

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

NMOC