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Farmington Field Office
Bureau of Land Management

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. **NMNM18463**
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) 324-4145

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1476 FSL & 210 FWL, NW/SW, L Sec 9 T23N R08W

7. If Unit of CA/Agreement, Name and/or No.
CA NMNM136868

8. Well Name and No.
HEROS 2308 09L COM 1H

9. API Well No.
30-045-35688

10. Field and Pool or Exploratory Area
Nageezi Gallup

11. Country or Parish, State
San Juan 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	Production Casing 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 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 perfonned 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 detennined that the site is ready for final inspection.)

05/04/17 PU dir tools, RIH tag at 5760'. DO & CO cmt to 5908'. 05/05/17 Cont direction drill w/6-1/8" bit. TD 6-1/8" hole @ 10,592' TMD, 5186' TVD at 13:30hr on 05/06/17. Circ to TD. 05/07/17 LD dir tools. RU csg crew. RIH w/112jts 4-1/2" 11.6#, P-110, LT&C liner & land @ 10,582' w/FC @ 10,534', LC @ 10,532', Alpha tool @ 10,491. TOL @ 5665'. Circ.

RU cementers. Preflush w/10bbls FW, 40bbls Spacer. Pump 450sx (109bbls, 612cf) Extendacem cmt. Drop DP dart & displace w/126bbls (40bbl mmcr, 30bbl KCL, 20bbl H2O, 36bbl KCL), bump plug @ 21:54hr on 05/07/17 & circ 20bbls cmt to surface. RD cementers. LD DP & stinger, Install tbg hanger, ND BOP.

RR @ 08:00hr on 05/08/17 ✓

OIL CONS. DIV DIST. 3

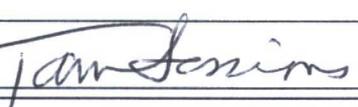
MAY 22 2017

ACCEPTED FOR RECORD

MAY 18 2017

FARMINGTON FIELD OFFICE

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

Signature 

Title **Regulatory Specialist**

Date **05/10/2017**

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)