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Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

JUN 21 2018

Amended

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

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

1. Type of Well
 Oil Well Gas Well Other

8. Well Name and No. **HEROS 2308 09L 3H**

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

9. API Well No. **30-045-35848**

3a. Address **2010 Afton Place
Farmington, NM 87401**

3b. Phone No. (include area code)
(505) 787-2218

10. Field and Pool or Exploratory Area
Nageezi Gallup

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1476 FSL & 300 FWL, NW/SW, L Sec 9 T23N R08W

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 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.)

05/31/18 PSI tested 7" casing @ 1500psi for 30mins - Good Test. RIH tagged @ 5906'. DO & CO cmt to 5945'. Drill 6-1/8" Production lateral.
06/01/18 Cont direction drill w/6-1/8" bit. TD 6-1/8" hole @ 10,325' TMD, 5265' TVD at 23:00hr on 06/01/18.
06/02/18 Circ to TD. LD dir tools. RU csg crew. RIH w/102jts 4-1/2" 11.6#, P-110, LT&C liner & land @ 10,316' w/FC @ 10,271', LC @ 10,270', Alpha tool @ 10,247'. TOL @ 4378'. Circ.

RU cementers. Preflushed w/10bbbls FW, 40bbbls Tuned Spacer. Pumped 415sx (101bbbls, 567cf) Varicem cmt. Drop DP dart & displace w/140bbbls FW, bumped plug @ 22:15hr on 06/02/18 & circ 25bbbls cmt to surface. RD cementers. LD DP & stinger. Install tbg hanger.

6/03/18 ND BOP. RR @ 03:00hrs.

NMOCD

ACCEPTED FOR RECORD

JUN 29 2018

JUN 27 2018

DISTRICT III

FARMINGTON FIELD OFFICE
By: 

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)
 Marie E. Florez
 Title **Regulatory Specialist**
 Signature 
 Date **6/21/2018**

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by _____ Title _____ Date _____
 _____ 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)

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Farmington Field Office
Land Management

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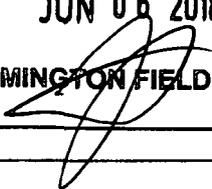
NMOCD

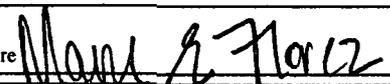
JUN 06 2018

JUN 07 2018

FARMINGTON FIELD OFFICE

DISTRICT III

By: 

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Marie E. Florez		Regulatory Specialist Title
Signature 	Date	06/05/2018

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Title	Date
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