

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
OMB No. 1004-0137  
Expires: October 31, 2014

**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.  
NM 109398

6. If Indian, Allottee or Tribe Name

**SUBMIT IN TRIPLICATE - Other instructions on page 2.** JUL 08 2014

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 2H

2. Name of Operator  
Logos Operating, LLC

9. API Well No.  
30-045-35539

3a. Address  
4001 North Butler Avenue, Building 7101  
Farmington, NM 87401

3b. Phone No. (include area code)  
505-330-9333

10. Field and Pool or Exploratory Area  
Basin Mancos

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
2268' FSL, 70' FWL NW/SW    BHL 1734' FNL, 250' FWL SW/NW  
Section 3, T23N, R8W, UL L    Section 4, T23N, R8W, UL E

11. County 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"/> Fracture Treat	<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 type="checkbox"/> Other <u>Intermediate Casing</u>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<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.)

06/28/14 RIH w/8-3/4" bit, tag cmt @ 294', DO cmt f/294' t/FC @ 300', CO to 355'. Start drilling 8-3/4" intermediate hole. 06/30/14 Drill to KOP @ 4736', pull directional tools. 07/02/14 RIH w/curve BHA, drill curve to 5816' int TMD (5325' TVD) on 07/04/14. Circ. TOH & LD directional tools. TIH w/reamer & CO to 5816', circ. Breakdown reamer/bit. 07/05/14 RIH w/136jts 7" 23#, J-55 LT&C csg & land @ 5735' w/FC @ 5690'. Circ. RU Halliburton to cmt.

Preflush w/10bbls FW, 40bbls CW & 10bbls FW. Lead w/520sx(133bbls, 750cf) Elastiseal foamed cmt. Tail w/100sx(23bbls, 129cf) Halcem cmt. Drop plug & displace w/24bbls FW & 200bbls OBM. Bump plug @ 20:19hr on 07/05/14. Pump cap of 100sx(21bbl, 118cf) Type G cmt w/2%CaCl followed by 5bbls FW. Plug down @ 20:38hr on 07/05/14. Circ 47bbls foamed cmt to surface. WOC. 07/06/14 07:00hr PT 7" csg @ 1500psi for 30mins, good test. ✓

See NOI dated 6/27/14 for agencies approvals to proceed with new setback and TD plans.

07/03/14 Recieved verbal approvals from Troy Salyers (BLM) and Bill Hoppe (OCD) to change the 7" cement job from two stage to one stage, with plans to adjust cement accordingly and circ cement to surface.

OIL CONS. DIV DIST. 3

ACCEPTED FOR RECORD

JUL 10 2014

JUL 09 2014

FARMINGTON FIELD OFFICE  
BY: William Tambekou

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

Tamra Sessions

Title Operations Technician

Signature

Tamra Sessions

Date 07/07/2014

THIS 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)