

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. **III 24 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-3H'

2. Name of Operator
Logos Operating, LLC

9. API Well No.
30-045-35538

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)
2216' FSL, 74' FWL NW/SW BHL: 2262' FSL & 250' FWL
Section 3, T23N, R8W, UL L Section 4, T23N, R8W, UL L

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 recompleate 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 recompleation 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.)

07/13/14 MIRU AZ222. 07/14/14 NU BOP. @ 16:00hr PT 9-5/8" csg to 1500psi for 30min, good test. 07/15/14 RIH w/8-3/4" bit, tag cmt @ 154', DO cmt f/154' w/FC @ 297', CO to 334'. Start drilling 8-3/4" intermediate hole. 07/16/14 Drill to 4645' KOP. POOH & LD directional tools, 07/18/14 RIH w/reamer, circ, sweep hole. POOH, LD reamer. RIH w/directional tools, drill curve to 5590' int TMD (5282' TVD) on 07/21/14. Circ. TOH & LD directional tools. TIH w/reamer & CO to 5590', circ. Breakdown reamer/bit.

07/22/14 RIH w/131jts 7" 23#, J-55 LT&C csg & land @ 5512' w/FC @ 5467'. Circ. RU Halliburton to cmt.

Preflush w/10bbls FW, 40bbls CW & 10bbls FW. Lead w/540sx(140bbls, 790cf) Elastiseal foamed cmt. Tail w/100sx(23bbls, 131cf) Halcem cmt. Drop plug & displace w/26bbls FW & 190bbls OBM. Bump plug @ 22:28hr on 07/22/14. Pump cap of 100sx(21bbl, 115cf) Type G cmt w/2%CaCl followed by 10bbls FW. Circ 45bbls foamed cmt to surface, WOC. 07/23/14 07:00hr PT 7" csg @ 1500psi for 30mins, good test. ✓

OIL CONS. DIV DIST. 3

JUL 28 2014

ACCEPTED FOR RECORD

JUL 24 2014

FARMINGTON FIELD OFFICE
BY: William Lambekou

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

Tamra Sessions

Title Operations Technician

Signature

Date 07/24/2014

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)

NMOCD