

RECEIVED

Form 3160-5  
(June 2015)UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

MAY 29 2018

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. NMM18463  
Farmington Field Office  
Bureau of Land Management  
6. Indian, Allottee or Tribe Name**SUBMIT IN TRIPLICATE - Other instructions on page 2**

## 1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other2. Name of Operator LOGOS Operating, LLC3a. Address 2010 Afton Place  
Farmington, NM 874013b. Phone No. (include area code)  
(505) 787-2218

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

8. Well Name and No. HEROS 2308 09L 3H9. API Well No. 30-045-3584810. Field and Pool or Exploratory Area  
Nageezi Gallup4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
1476 FSL & 270 FWL, NW/SW, L Sec 9 T23N R08W11. 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	Intermediate 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 recomple 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.)

05/21/18 Skid AZ1000 from Heros 2308 09L 2H. 05/16/18 PT 9-5/8" csg @ 1500psi/30min. good test. Shell PT BOP @ 250psi low/5min and 3000psi high/10mins, good test. PU/MU 8-3/4" BHA. 05/22/18 tag TOC @ 337'. DO cmt f/334' to 364' (KB). Drill 8-3/4" hole to 4261', circ, POOH, RIH w/curve assembly and drill ahead to 5960' inter TD on 05/23/18. Circ, POOH with bit. 05/24/18 RIH w/7" csg, work light spot @ 5246'

Landed 7" with 25jts 7" 26# P-110 csg on btm followed by 116jts 7" 23# J-55 csg set @ 5947' MD (5265' VD) w/FC @ 5906' MD. (Notified Jack Savage/BLM & Charlie Perrin/OCD on 5/24/18 of change in casing grade, see attached email.)

05/25/18 Rig up Halliburton to cmt. Pumped 10bbls FW spacer & 30bbl tuned spacer. Cmt Lead w/800s (24bbls, 403cf) Varicem @ 13.5 ppg. and Tail w/310sxs (72bbls, 403cf) Varicem @ 13.5 ppg. Dropped plug @ 02:32hr & displaced w/ 231bbls of FW. Circ 90bbls of good cmt to surface. RD Halliburton, ND BOP, install well cap. 05/25/18 RR @ 06:00hr. Prepare to skid rig to Heros 4H.

ACCEPTED FOR RECORD

MAY 30 2018

FARMINGTON FIELD OFFICE

By: 

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

Tamra Sessions

Title Regulatory Specialist

Signature 

Date

05/29/2018

**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)

NMOCD

2

## Tamra Sessions

**From:** Perrin, Charlie, EMNRD <charlie.perrin@state.nm.us>  
**Sent:** Thursday, May 24, 2018 11:29 AM  
**To:** Tamra Sessions  
**Cc:** Marie Florez; Powell, Brandon, EMNRD  
**Subject:** RE: Heros 2308 09L 2H, 3H, 4H - Change in Plans

Tamra,

You have verbal approval for the changes.

Charlie

**From:** Tamra Sessions <tsessions@logosresourcesllc.com>  
**Sent:** Thursday, May 24, 2018 11:00 AM  
**To:** Perrin, Charlie, EMNRD <charlie.perrin@state.nm.us>  
**Cc:** Marie Florez <mflorez@logosresourcesllc.com>  
**Subject:** Heros 2308 09L 2H, 3H, 4H - Change in Plans

30-045-35687, Heros 2308 09L 2H  
30-045-35848, Heros 2308 09L 3H  
30-045-35847, Heros 2308 09L 4H  
Mancos Top: 4188' VD, 4210' MD

Drilling plans were filed with the 7" casing as J-55 23#. Change is to run 1000' of P-110 26# on the bottom and follow with J-55 23# to surface on each well.

2H: Was already ran on 5/20 and landed 5/21 @ 5535' MD/5220' VD with 25jts of P-110 26# and 107jts J-55 23#, and cemented.

See email dated 5/21/18 for adjustment on landing depth of 7" due to stuck casing.

3H: Will be ran today 5/24 ~1000' of P-110 26# and ~ 4856' of J-55 23#. Landing depth ~5856'

4H: Will be ran about 5/25 ~1000' of P-110 26# and ~ 5069' of J-55 23#. Landing depth ~ 6069'

LOGOS has received verbal approval from BLM/Jack Savage on the change in casing grade. LOGOS did not notify OCD prior to running the P-110 for the 2H, and are asking for approval on the change of casing grade.

Thank you,  
Tamra Sessions  
Regulatory Specialist  
Office 505-324-4145  
[tsessions@logosresourcesllc.com](mailto:tsessions@logosresourcesllc.com)



NMOC  
JUN 01 2018  
DISTRICT III