

MAY 29 2018

Form 3160-5
(June 2015)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: January 31, 2018

Farmington Field Office
Bureau of Land Management
9. Lease Serial No. NMM18463

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.

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 4H

2. Name of Operator LOGOS Operating, LLC

9. API Well No. 30-045-35847

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	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 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.)

05/25/18 Skid AZ1000 from Heros 2308 09L 3H. PT 9-5/8" csg @ 1500psi/30min, good test. Shell PT BOP @ 250psi low/5min and 3000psi high/10mins, good tests. PU/MU 8-3/4" BHA. Tag TOC @ 320'. DO cmt 1/320' to 347' (KB). Drill 8-3/4" hole to 4290', circ, POOH, RIH w/curve assembly and drill ahead to 5983' inter TD on 05/27/18. Circ, POOH with bit. RIH w/7" csg, work light spot @ 5427'

Landed 7" with 25jts 7" 26# P-110 csg on btm followed by 117jts 7" 23# J-55 csg set @ 5973' MD (5237' VD) w/FC @ 5931' MD. (Notified Jack Savage/BLM & Charlie Perrin/ODC on 5/24/18 of change in casing grade, see attached email.)

05/28/18 Rig up Halliburton to cmt. Pumped 10bbls FW spacer & 30bbl tuned spacer. Cmt Lead w/603sxs(209bbbls, 1176cf) Halcem @ 12.3 ppg, and Tail w/362sxs (84bbbls, 471cf) Varicem @ 13.5 ppg. Dropped plug @ 01:41hr & displaced w/ 233bbbls of FW. Circ 105bbbls of good cmt to surface. Bump Plug @ 02:23hr. RD Halliburton. WOC.

Pressure test will be reported on next casing sundry. ✓

ACCEPTED FOR RECORD

MAY 30 2018

FARMINGTON FIELD OFFICE

By: _____

NMOCDC

JUN 01 2018

DISTRICT III

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

Tamra Sessions

Regulatory Specialist
Title

Signature

Tamra Sessions

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)

NMOCDC

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

