

MAY 29 2013

Form 3160-5
(June 2015)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFarmington Field Office
Bureau of Land ManagementFORM 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

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator LOGOS Operating, LLC

3a. Address 2010 Afton Place
Farmington, NM 874013b. Phone No. (include area code)
(505) 787-22184. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1476 FSL & 240 FWL, NW/SW, L Sec 9 T23N R08W

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

8. Well Name and No. HEROS 2308 09L 2H

9. API Well No. 30-045-35687

10. Field and Pool or Exploratory Area
Nageezi Gallup11. 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 recomplate 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.)

05/11/18 MIRU AZ1000. Wait on rig repairs. 05/16/18 PT 9-5/8" csg @ 1500psi/30min, good test. PT BOP for @ 250psi low/5min and 3000psi high/10mins all rams & valves and annular, good tests. 05/17/18 PU/MU 8-3/4" BHA, tag TOC @ 285'. DO cmt 1/285' to 347' (KB). Drill 8-3/4" hole to 4516' , circ, POOH, RIH w/curve assembly and drill ahead to 6100' inter TD on 05/20/18. Circ, POOH with bit. RIH w/7" csg, work tight hole, spot tube slug, work stuck pipe. 05/21/18 @ 02:00hr notify Virgil Lucero/BLM verbal approval to land 7" csg at new depth & cmt. 5/21/18 07:30hr notified Brandon Powell/OCD after csg cemented in, see attached email.

Landed 7" with 25jts 7" 26# P-110 csg on btm followed by 107jts 7" 23# J-55 csg set @ 5535' MD (5220' VD) w/FC @ 5491' MD. (Notified Jack Savage/BLM & Charlie Perrin/OCD on 5/24/18 of change in casing grade, see attached email.) Rig up Halliburton to cmt. Pumped 10bbls FW spacer & 30bbl tuned spacer. Cmt Lead w/545sxs(189bbls, 1061cf) Halcem @ 12.3 ppg, and Tail w/280sxs (65bbls, 364cf) Varicem @ 13.5 ppg. Dropped plug @ 04:22hr & displaced w/216bbls of FC @ 5491' MD. 30bbls of good cmt to surface. RD Halliburton, ND BOP, install well cap. 05/21/18 RR @ 13:00hr. Prepare to skid rig to Heros 3H.

Pressure test will be reported on next casing sundry. ✓

MAY 30 2018

FARMINGTON FIELD OFFICE

By: 

Regulatory Specialist

Title

Date

05/25/2018

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

Tamra Sessions

Signature **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)

NMOCDA

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Tamra Sessions

From: Tamra Sessions
Sent: Monday, May 21, 2018 8:07 AM
To: brandon.powell@state.nm.us
Cc: Jay McWilliams; Marie Florez; Krista McWilliams; Reid Sharpe; Charlie Perrin (charlie.perrin@state.nm.us)
Subject: Heros 2308 09L 2H - Intermediate Casing

Brandon per our phone conversation this morning on the 7" casing being landed high.

8-3/4" hole drilled to : 5261'VD, 6100' MD
Mancos: 4188' VD, 4276' MD
7" Plans: 5262' VD, 5992' MD
7" set at: 5195' VD, 5534' MD

Virgil Lucero/BLM was contacted at 2:01am and gave verbal approval to cement in 7" at the adjusted MD.
Casing at 5534' hole became tight and pipe began to stack weight, unable to come up or down, spotted lube pill, worked pipe.
4-1/2" top of liner will be ~150' above 7" shoe and cemented in.

Passed on your cell number and Charlie's to the drilling supervisors.

Tamra Sessions
Regulatory Specialist
Office 505-324-4145
tsessions@logosresourcesllc.com



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

