

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

AUG 10 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.

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 87401

3b. Phone No. (include area code)
(505) 787-2218

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
1476 FSL & 210 FWL, NW/SW, L Sec 9 T23N R08W

5. Lease Serial No.
NMNM18463

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.
NMNM 138586

8. Well Name and No.
Heros 2308 09L Com 1H

9. API Well No.
30-045-35688

10. Field and Pool or Exploratory Area
Nageezi Gallup

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

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize

☐ Alter Casing

☐ Casing Repair

☐ Change Plans

☐ Convert to Injection

☐ Deepen

☐ Hydraulic Fracturing

☐ New Construction

☐ Plug and Abandon

☐ Plug Back

☐ Production (Start/Resume)

☐ Reclamation

☐ Recomplete

☐ Temporarily Abandon

☐ Water Disposal

☐ Water Shut-Off

☐ Well Integrity

☒ Other

Emergency Flare

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 recompleat 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 recompleat 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 detennined that the site is ready for final inspection.)

NMOCD

AUG 22 2018

DISTRICT III

LOGOS notified & received verbal approval from Jack Savage (BLM), requesting an emergency flare for 30 days on Heros 2308 09L Com 1H starting 8/9/2018, due to the Frac activity on Heros 2308 09L Com 2H, 3H, 4H & 5H that has caused a high nitrogen level in WFC pipeline.

SEE ATTACHED
FOR CONDITIONS
OF APPROVAL

BLM'S APPROVAL OR ACCEPTANCE OF THIS
ACTION DOES NOT RELIEVE THE LESSEE AND
OPERATOR FROM OBTAINING ANY OTHER
AUTHORIZATION REQUIRED FOR OPERATIONS
ON FEDERAL AND INDIAN LANDS

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

Marie E. Florez

Regulatory Specialist

Title

Signature

Marie E. Florez

Date

08/10/2018

THE SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

William Tambekou

Title

Petroleum Engineer

Date

8/13/2018

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

FFO

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



2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: N2180050
Cust No: 46600

DISTRICT III

Well/Lease Information

LOGOS OPERATING

Well Name: HEROS 1H
County/State: NEW MEXICO
Location:
Formation:
Meter Number:
Foreman: BRYAN LOVATO

Source: Meter Run
Well Flowing: No
Pressure: 329
Flow Temp: 89 F
Ambient Temp: 68 F
Sample Method: Purge & Fill
Date Sampled: 8/8/2018
Time Sampled: 5:00 AM
Sampled By:(Co.) CHENAULT
Sampled By: JERONIMO C.

GPA Standard: GPA 2261-14

GC: SRI Instruments 8610 Last Cal/Verify: 8/8/2018

Remarks:

Analysis

Component:	Mole%:	Un-normalized Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	72.053	71.173	7.9334	0.00	0.6969
Methane	18.892	18.662	3.2053	190.81	0.1046
CO ₂ , C ₂ -C ₆ +	9.055	8.945	2.5681	209.71	0.1325
Total	100.000	98.780	13.7069	400.52	0.9341

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	0.9989	CYLINDER #:	4038
BTU/CU.FT IDEAL:	401.4	CYLINDER PRESSURE:	87
BTU/CU.FT (DRY REAL) CORRECTED FOR (1/Z):	401.9	ANALYSIS DATE:	8/8/2018
BTU/CU.FT (WET REAL) CORRECTED FOR (1/Z):	394.9	ANALYZED BY:	Dawn Blassingame
REAL SPECIFIC GRAVITY:	0.9346		

GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.