

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Amended

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)
SHL: 2151' FSL & 566 FWL, NW/SW, L Sec 14 T23N R08W

5. Lease Serial No. NMNM18463

6. If Indian, Allottee or Tribe Name

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

8. Well Name and No. Athena 2308 14L 2H

9. API Well No. 30-045-35633

10. Field and Pool or Exploratory Area
Basin Mancos

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	Emergency Flare
	<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.)

LOGOS notified & received verbal approval from Jack Savage (BLM), requesting an emergency flare for 30 days on Athena 2308 14L 2H starting 8/9/2018, due to the Frac activity on Athena 2308 14L 3H that has caused a high nitrogen level in WFC pipeline.

NMOC

AUG 22 2018

DISTRICT III
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

FFD

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)

NMOC



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

Analysis No: N2180056
Cust No: 46600

NMOC

AUG 22 2018

DISTRICT III

Well/Lease Information

LOGOS OPERATING

Well Name: ATHENA 2308 14L 2H
County/State: NEW MEXICO
Location:
Formation:
Meter Number:
Foreman: BRYAN LOVATO

Source: Meter Run
Well Flowing: Yes
Pressure: 118
Flow Temp: 80 F
Ambient Temp: 68 F
Sample Method: Purge & Fill
Date Sampled: 8/8/2018
Time Sampled: 6:09 AM
Sampled By:(Co.) CHENAULT
Sampled By: DAVE SAYLOR

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	28.566	27.485	3.1538	0.00	0.2763
Methane	42.571	40.958	7.2425	429.97	0.2358
CO ₂ , C ₂ -C ₆ +	28.863	27.770	8.2083	668.46	0.4224
Total	100.000	96.213	18.6046	1098.43	0.9345

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	0.9962	CYLINDER #:	6035
BTU/CU.FT IDEAL:	1101.0	CYLINDER PRESSURE:	124
BTU/CU.FT (DRY REAL) CORRECTED FOR (1/Z):	1105.1	ANALYSIS DATE:	8/8/2018
BTU/CU.FT (WET REAL) CORRECTED FOR (1/Z):	1085.8	ANALYZED BY:	Dawn Blassingame
REAL SPECIFIC GRAVITY:	0.9376		

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