

District I  
1625 N. French Dr., Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy Minerals and Natural Resources

Oil Conservation Division  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Form C-129  
Revised August 1, 2011

Submit one copy to appropriate  
District Office

NFO Permit No. \_\_\_\_\_  
(For Division Use Only)

**APPLICATION FOR EXCEPTION TO NO-FLARE RULE 19.15.18.12**

(See Rule 19.15.18.12 NMAC and Rule 19.15.7.37 NMAC)

- A. Applicant LOGOS Operating, LLC,  
whose address is 2010 Afton Place, Farmington, NM 87401,  
hereby requests an exception to Rule 19.15.18.12 for Thirty days or until  
September 9, Yr 2018, for the following described tank battery (or LACT):  
API 30-045-35632  
Name of Lease Athena 2308 14L 1H Name of Pool Basin Mancos  
Location of Battery: Unit Letter L Section 14 Township 23N Range 8W  
Number of wells producing into battery 3
- B. Based upon oil production of 336 barrels per day, the estimated \* volume  
of gas to be flared is 434 MCF; Value \$1,554 per day.
- C. Name and location of nearest gas gathering facility:  
Chaco 2-0 CDP (WFC) Sec: 33 Twnshp: 24N Rge: 8W  
Turtle Mountain CDP WPC (WFC) Sec: 09 Twnshp: 23N Rge: 8W
- D. Distance Built Estimated cost of connection \_\_\_\_\_
- E. This exception is requested for the following reasons: LOGOS request an emergency flare for  
Athena 2308 14L 1H starting 8/9/2018 for 30 days, due to the Frac activity on the Athena 2308 14L 3H  
that caused a high nitrogen level in WFC pipeline.

**OPERATOR**

I hereby certify that the rules and regulations of the Oil Conservation  
Division have been complied with and that the information given above  
is true and complete to the best of my knowledge and belief.

Signature Marie E. Florez

Printed Name  
& Title Marie E. Florez Regulatory Specialist

E-mail Address mflorez@logosresourcesllc.com

Date 8/9/2018 Telephone No. 505-787-2218

**OIL CONSERVATION DIVISION**

Approved Until 9-9-2018

By Chen H. R.

Title SUPERVISOR DISTRICT #3

Date 8-13-18

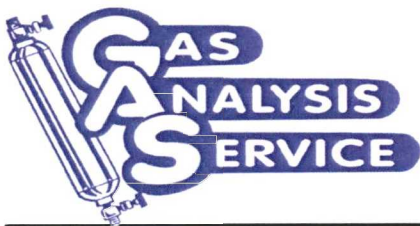
NMOCD

\* Gas-Oil ratio test may be required to verify estimated gas volume.

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DISTRICT III

2



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

Analysis No: N2180057  
Cust No: 46600

### Well/Lease Information

## LOGOS OPERATING

Well Name: ATHENA 2308 14L 1H  
County/State: NEW MEXICO  
Location:  
Formation:  
Meter Number:  
Foreman: BRYAN LOVATO

Source: Meter Run  
Well Flowing: Yes  
Pressure: 145  
Flow Temp: 92 F  
Ambient Temp: 68 F  
Sample Method: Purge & Fill  
Date Sampled: 8/8/2018  
Time Sampled: 6:05 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	42.249	40.256	4.6580	0.00	0.4086
Methane	39.257	37.405	6.6694	396.50	0.2174
CO <sub>2</sub> , C <sub>2</sub> -C <sub>6</sub> +	18.494	17.622	5.2521	428.32	0.2706
Total	100.000	95.282	16.5795	824.81	0.8967

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

\*\*@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z):	0.9976	CYLINDER #:	7000
BTU/CU.FT IDEAL:	826.7	CYLINDER PRESSURE:	145
BTU/CU.FT (DRY REAL) CORRECTED FOR (1/Z):	828.7	ANALYSIS DATE:	8/8/2018
BTU/CU.FT (WET REAL) CORRECTED FOR (1/Z):	814.2	ANALYZED BY:	Dawn Blassingame
REAL SPECIFIC GRAVITY:	0.8985		

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