

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 30-045-35633  
Name of Lease Athena 2308 14L 2H 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 600 barrels per day, the estimated \* volume  
of gas to be flared is 572 MCF; Value \$2,049 per day.
- C. Name and location of nearest gas gathering facility:  
Chaco 2-0 CDP (WFC) Sec: 33Twnshp: 24N Rge: 8W  
Turtle Mountain DCP WPX (WFC) Sec: 09 Twtnshp: 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 2H 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 Charles H.

Title SUPERVISOR DISTRICT #3

Date 8-13-18

NMOCB

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

AV

SEP 10 2018

DISTRICT III

2



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

Analysis No: N2180056  
Cust No: 46600

**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 <sub>2</sub> , C <sub>2</sub> -C <sub>6</sub> +	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 Blessingame
REAL SPECIFIC GRAVITY:	0.9376		

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