

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 30-045-35688
Name of Lease Heros 2308 09L Com 1H Name of Pool Nageezi Gallup
Location of Battery: Unit Letter L Section 09 Township 23N Range 8W
Number of wells producing into battery 5
- B. Based upon oil production of 144 barrels per day, the estimated * volume
of gas to be flared is 123 MCF; Value \$440 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 WPX (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
Heros 2308 09L Com 1H starting 8/9/2018 for 30 days, due to the Frac activity on the Heros 2308 09L
2H, 3H, 4H & 5H that has 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

Title SUPERVISOR DISTRICT #3

Date 8.13.18

NMOC

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

AUG 10 2018

DISTRICT III



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

Analysis No: N2180050
Cust No: 46600

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.