

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: **WPX Energy Production, LLC**

whose address is: **P.O. Box 640, Aztec, NM 87410,**

hereby requests an exception to Rule 19.15.18.12 until **3/12/17**, for the following described tank battery (or LACT):

Name of Lease: **Logos #5 APi-30-045-35423** Name of Pool: **Nageezi Gallup (330')**

Location of Battery: Unit Letter P Section 4 Township 23N Range 8W

Number of wells producing into battery 1

B. Based upon oil production of **150** barrels per day, the estimated volume

of gas to be flared is **134 MCFD**; Value: **\$439** per day.

C. Name and location of nearest gas gathering facility:

**Williams Four Corners, LLC Gas Systems in SE qtr sec 2, T22N, R6W**

D. Distance BUILT Estimated cost of connection **OIL CONS. DIV DIST. 3**

E. This exception is requested for the following reasons:

**FEB 06 2017**

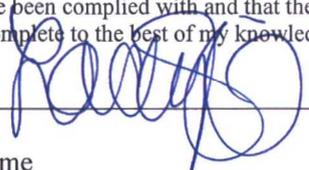
WPX Energy requests authorization to flare the Logos #5 for an additional 30 days, due to a Gas Lift change to Rod Pump for production method and an unexpected increase in N2. The flare extension expires on 2/12/17.

The gas analysis sample is attached.

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



Printed Name  
& Title Lacey Granillo

E-mail Address lacey.granillo@wpxenergy.com

Date: 2/6/17 Telephone No. (505) 333-1816

OIL CONSERVATION DIVISION

Approved Until 3-12-2017

By Charles R. [Signature]

Title **SUPERVISOR DISTRICT #3**

Date **FEB 09 2017**

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



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

Analysis No: WP170014  
Cust No: 85500-12775

### Well/Lease Information

Customer Name:	WPX ENERGY PRODUCTION, LLC	Source:	SEPARATOR MTR
Well Name:	LOGOS #5; SEP MTR	Pressure:	36 PSIG
County/State:		Sample Temp:	54 DEG. F
Location:		Well Flowing:	
Field:		Date Sampled:	02/03/2017
Formation:		Sampled By:	KYLE BEEBE
Cust. Stn. No.:	62405385	Foreman/Engr.:	CODY BOYD

Remarks: PRESSURED WITH HELIUM TO 30LBS. SAMPLE RAN ON 2/06/2017

### Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	43.933	4.8400	0.00	0.4249
CO2	0.467	0.0800	0.00	0.0071
Methane	49.287	8.3670	497.80	0.2730
Ethane	2.121	0.5680	37.54	0.0220
Propane	2.035	0.5610	51.20	0.0310
Iso-Butane	0.231	0.0760	7.51	0.0046
N-Butane	0.654	0.2060	21.34	0.0131
I-Pentane	0.149	0.0550	5.96	0.0037
N-Pentane	0.134	0.0490	5.37	0.0033
Hexane Plus	0.989	0.4420	52.13	0.0327
<b>Total</b>	<b>100.000</b>	<b>15.2440</b>	<b>678.85</b>	<b>0.8156</b>

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/Z): 1.0016  
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 681.5  
 BTU/CU.FT (WET) CORRECTED FOR (1/Z): 669.6  
 REAL SPECIFIC GRAVITY: 0.8165

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

DRY BTU @ 14.650: 677.8  
 DRY BTU @ 14.696: 679.9  
 DRY BTU @ 14.730: 681.5  
 DRY BTU @ 15.025: 695.1

CYLINDER #: CHACO #14  
 CYLINDER PRESSURE: 7 PSIG  
 DATE RUN: 2/3/17 9:42 AM  
 ANALYSIS RUN BY: PATRICIA KING