

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 **10/9/14**, for the following described tank battery (or LACT):

Name of Lease: **Logos #4 API: 30-045-35420** Name of Pool: **Basin Mancos**

Location of Battery: Unit Letter **H** Section **01** Township **23N** Range **08W**

Number of wells producing into battery **1**

B. Based upon oil production of **29** barrels per day, the estimated volume

of gas to be flared is **90 MCF/D**; Value: **\$360** per day.

ROYD SEP 10 '14  
OIL CON. DIV.

C. Name and location of nearest gas gathering facility:

**Beeline Pipeline** **Dist 3**

D. Distance **1,000'** Estimated cost of connection **(cost of tie-in)**

E. This exception is requested for the following reasons: WPX Energy requests authorization to flare this well due to inability to send the gas to pipeline. The beeline pipeline and tie-in will be finished with construction and the gas will go to delivery on or around **10/9/14**. They are currently boring underneath US Highway 550 and waiting on the availability of boring equipment. Therefore, WPX Energy is requesting a no-flare exception until 10/9/14. The gas analysis is attached.

<b>OPERATOR</b> 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 <u>Mark Heil</u> Printed Name & Title <u>Mark Heil, Regulatory Specialist</u> E-mail Address <u>mark.heil@wpxenergy.com</u> Date: <u>9/9/14</u> Telephone No. <u>(505) 333-1806</u>	<b>OIL CONSERVATION DIVISION</b> Approved Until <u>10-10-2014</u> By <u>Charles Heil</u> Title <u>SUPERVISOR DISTRICT # 3</u> Date <u>SEP 12 2014</u>
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\* Gas-Oil ratio test may be required to verify estimated gas volume.



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

Analysis No: WP140318  
Cust No: 85500-11350

### Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC  
Well Name: LOGOS #4  
County/State:  
Location: 01-23N-08W  
Field:  
Formation:  
Cust. Stn. No.:

Source: SPOT  
Pressure: 113 PSIA  
Sample Temp: DEG. F  
Well Flowing:  
Date Sampled: 09/04/2014  
Sampled By: GEORGE REGAN  
Foreman/Engr.: CODY BOYD

Remarks:

### Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	10.594	1.1700	0.00	0.1025
CO2	0.524	0.0900	0.00	0.0080
Methane	64.774	11.0220	654.21	0.3588
Ethane	10.512	2.8220	186.03	0.1091
Propane	8.129	2.2480	204.54	0.1238
Iso-Butane	0.970	0.3190	31.54	0.0195
N-Butane	2.417	0.7650	78.85	0.0485
I-Pentane	0.556	0.2040	22.25	0.0139
N-Pentane	0.531	0.1930	21.29	0.0132
Hexane Plus	0.993	0.4450	52.34	0.0329
<b>Total</b>	<b>100.000</b>	<b>19.2780</b>	<b>1251.05</b>	<b>0.8300</b>

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/Z): 1.004  
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1259.0  
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1237.1  
REAL SPECIFIC GRAVITY: 0.833

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

DRY BTU @ 14.650: 1252.2  
DRY BTU @ 14.696: 1256.1  
DRY BTU @ 14.730: 1259.0  
DRY BTU @ 15.025: 1284.2

CYLINDER #: 15  
CYLINDER PRESSURE: 105 PSIG  
DATE RUN: 9/8/14 4:15 PM  
ANALYSIS RUN BY: JENNIFER DEAN



WPX ENERGY PRODUCTION, LLC  
WELL ANALYSIS COMPARISON

Lease: LOGOS #4  
Stn. No.:  
Mtr. No.:

SPOT

09/08/2014  
85500-11350

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Smpl Date: 09/04/2014  
Test Date: 09/08/2014  
Run No: WP140318  
Nitrogen: 10.594  
CO2: 0.524  
Methane: 64.774  
Ethane: 10.512  
Propane: 8.129  
I-Butane: 0.970  
N-Butane: 2.417  
I-Pentane: 0.556  
N-Pentane: 0.531  
Hexane+: 0.993  
BTU: 1259.0  
GPM: 19.2780  
SPG: 0.8330