

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

C. Name and location of nearest gas gathering facility:

OIL CONS. DIV.

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.

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 Mark Heil

Printed Name
& Title Mark Heil, Regulatory Specialist

E-mail Address mark.heil@wpxenergy.com

Date: 9/9/14 Telephone No. (505) 333-1806

OIL CONSERVATION DIVISION

Approved Until 10-10-2014

By Charles Heil

SUPERVISOR DISTRICT # 3

Title _____

Date SEP 12 2014

* 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
Total	100.000	19.2780	1251.05	0.8300

* @ 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

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