

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**

**OIL CONS. DIV DIST. 3**

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

**APR 05 2017**

hereby requests an exception to Rule 19.15.18.12 until **5/11/17**, for the following described tank battery (or LACT):

Name of Lease: **Lybrook 2309 34B #765 API-30-045-35731** Name of Pool: **Basin Mancos**

Location of Battery: Unit Letter B Section 34 Township 23N Range 9W

Number of wells producing into battery 5

B. Based upon oil production of **4** barrels per day, the estimated volume

of gas to be flared is **7 MCFD**; Value: **\$21** 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 \_\_\_\_\_

E. This exception is requested for the following reasons:

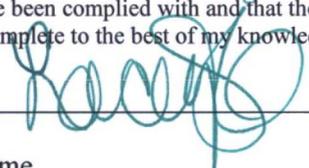
WPX is requesting a flare extension on the **Lybrook 2309 34B #765** for another 30 days. This well is an exploratory vertical well with a single stage completion. It is not part of the West Lybrook Unit as it is a vertical well but WPX would like to continue monitoring its production. This well was drilled as a science well. The flare extension expires on 4/11/17. The gas analysis sample is attached.

Date of first gas and first flare was December 16<sup>th</sup>, 2016

- 107 days = .456 MMcf, total gas volumes produced
- 107 days = .456 MMcf, total gas volumes flared/combusted
- .765 MMcf, total gas volumes used on site

#### 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: 4/4/17 Telephone No. (505) 333-1816

#### OIL CONSERVATION DIVISION

Approved Until 5-11-2017

By 

Title **SUPERVISOR DISTRICT #3**

Date **APR 07 2017**

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

*N*

*2*



OIL CONS. DIV DIST. 3

APR 05 2017

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

Analysis No: WP170030  
Cust No: 85500-12780

**Well/Lease Information**

Customer Name: WPX ENERGY PRODUCTION, LLC  
Well Name: LYBROOK 2309-34B #765; MTR  
County/State:  
Location:  
Field:  
Formation:  
Cust. Stn. No.: 63425895

Source: METER RUN  
Pressure: 25 PSIG  
Sample Temp: 65 DEG. F  
Well Flowing: Y  
Date Sampled: 03/09/2017  
Sampled By: DAN ELWORTHY  
Foreman/Engr.: DILLAIN GAGE

**CONFIDENTIAL**

Remarks: SAMPLE RAN ON 03/14/2017

**Analysis**

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	19.299	2.1400	0.00	0.1867
CO2	0.774	0.1330	0.00	0.0118
Methane	44.362	7.5800	448.05	0.2457
Ethane	4.198	1.1320	74.29	0.0436
Propane	10.760	2.9880	270.73	0.1638
Iso-Butane	2.463	0.8120	80.09	0.0494
N-Butane	6.840	2.1740	223.14	0.1373
I-Pentane	2.870	1.0580	114.82	0.0715
N-Pentane	3.210	1.1730	128.68	0.0800
Hexane Plus	5.225	2.3490	275.41	0.1729
Total	100.000	21.5390	1615.22	1.1626

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/Z): 1.0082  
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1632.2  
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1603.8  
REAL SPECIFIC GRAVITY: 1.1716

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

DRY BTU @ 14.650: 1623.3  
DRY BTU @ 14.696: 1628.4  
DRY BTU @ 14.730: 1632.2  
DRY BTU @ 15.025: 1664.9

CYLINDER #: CHACO #36  
CYLINDER PRESSURE: 10 PSIG  
DATE RUN: 3/9/17 10:33 AM  
ANALYSIS RUN BY: RICHARD WILSON