

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 1/27/17 for the following described tank battery (or LACT):

Name of Lease: KWU # 771H API-30-045-35756 Name of Pool: BASIN MANCOS

Location of Battery: Unit Letter P Section 17 Township 23N Range 7W

Number of wells producing into battery 1

B. Based upon oil production of 430 barrels per day, the estimated volume

of gas to be flared is 480 MCF/D; Value: \$1771 per day.

C. Name and location of nearest gas gathering facility:

Williams at Turtle Mountain, Sec 9, T23N, R08W

D. Distance Pending Estimated cost of connection Pending

### EMERGENCY FLARE EXTENSION

E. WPX Energy requests authorization to flare this well for an additional 30 days. The nitrogen content is approximately 15.7% (see attached gas measurement report). (Date of expiration is 12/27/16) WPX continues to monitor the nitrogen content. The approval for gas pipeline is currently being permitted by the BLM FFO by a series of APD's. WPX is testing the commerciality of this well and respectfully requests additional time to further evaluate this well. WPX is continuing to explore options to eliminate flaring, the most recent has been to purchase the below combustors.

- Wellhead Combustion: Crimson Energy, Model CE600, High Capacity Combustor
- Tank Vapor Combustion: Cimarron Energy, 48" High Volume ECD

#### 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- PERMIT TECH III

E-mail Address: lacey.granillo@wpxenergy.com

Date: 12/21/16

Telephone No. (505) 333-1816

#### OIL CONSERVATION DIVISION

Approved Until 1/22/17

By Brandon Dault

Title Deputy Oil & Gas Inspector,  
District #3

Date 12/22/16

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



OIL CONS. DIV DIST. 3

DEC 22 2016

2030 Afton Place  
Farmington, NM 87401  
(505) 325-6622Analysis No: WP160456  
Cust No: 85500-12675**Well/Lease Information**Customer Name: WPX ENERGY PRODUCTION, LLC  
Well Name: KWU #771H  
County/State: SAN JUAN NM  
Location:  
Field:  
Formation: MANCOS  
Cust. Str. No.: 62426323Source: METER RUN  
Pressure: 82 PSIG  
Sample Temp: 98 DEG. F  
Well Flowing: Y  
Date Sampled: 12/20/2016  
Sampled By: K. BEEBE  
Foreman/Engr.: DILLAIN GAGE

Remarks: SEPARATOR

**Analysis**

| Component:: | Mole%:  | **GPM:  | *BTU:   | *SP Gravity: |
|-------------|---------|---------|---------|--------------|
| Nitrogen    | 15.775  | 1.7440  | 0.00    | 0.1526       |
| CO2         | 0.339   | 0.0580  | 0.00    | 0.0052       |
| Methane     | 53.688  | 9.1460  | 542.24  | 0.2974       |
| Ethane      | 10.005  | 2.6890  | 177.06  | 0.1039       |
| Propane     | 10.856  | 3.0050  | 273.15  | 0.1653       |
| Iso-Butane  | 1.394   | 0.4580  | 45.33   | 0.0280       |
| N-Butane    | 3.970   | 1.2580  | 129.51  | 0.0797       |
| I-Pentane   | 0.987   | 0.3630  | 39.49   | 0.0246       |
| N-Pentane   | 1.054   | 0.3840  | 42.25   | 0.0263       |
| Hexane Plus | 1.932   | 0.8660  | 101.84  | 0.0639       |
| Total       | 100.000 | 19.9710 | 1350.88 | 0.9467       |

\* @ 14.730 PSIA DRY &amp; UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/Z): 1.0051  
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1360.9  
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1337.2  
REAL SPECIFIC GRAVITY: 0.9512GPM, BTU, and SPG calculations as shown  
above are based on current GPA factors.DRY BTU @ 14.650: 1353.5  
DRY BTU @ 14.696: 1357.8  
DRY BTU @ 14.730: 1360.9  
DRY BTU @ 15.025: 1388.2CYLINDER #: RE#5  
CYLINDER PRESSURE: 74 PSIG  
DATE RUN: 12/20/16 3:04 PM  
ANALYSIS RUN BY: DAWN BLASSINGAME