

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

NFO Permit

Form C-129  
Revised August 1, 2011

Submit one copy to appropriate  
District Office

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 3/27/17 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 341 barrels per day, the estimated volume

of gas to be flared is 271 MCF/D; Value: \$824 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 11.89% (see attached gas measurement report). (Date of expiration is 2/27/17) 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 currently constructing the portions of the pipeline corridor that is approved by BLM and will begin the portion of pipeline that remains unapproved by BLM upon approval.

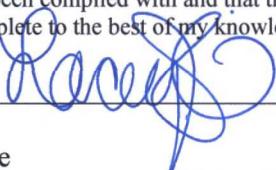
WPX is testing the commerciality of this well and respectfully requests additional time to further evaluate this well.

WPX is continuing to explore options to eliminate flaring, the most recent has been to purchase the below combustors.

- WPX is currently evaluating a Flarecatcher unit from Pioneer Energy that has the potential to reduce flaring and emissions on location.
- 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: 2/22/17

Telephone No. (505) 333-1816

### OIL CONSERVATION DIVISION

Approved Until 3-27-2017

By 

Title District II Supervisor

Date 2-27-17

AV



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

Analysis No: WP170025  
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. Stn. No.: 62426323

Source: METER RUN  
Pressure: 67 PSIG  
Sample Temp: 114 DEG. F  
Well Flowing: Y  
Date Sampled: 02/21/2017  
Sampled By: DAN ELWORTHY  
Foreman/Engr.: DILLAIN GAGE

Remarks:

### Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	11.089	1.2260	0.00	0.1073
CO2	0.344	0.0590	0.00	0.0052
Methane	57.384	9.7800	579.58	0.3179
Ethane	10.031	2.6970	177.52	0.1041
Propane	11.023	3.0530	277.35	0.1678
Iso-Butane	1.470	0.4840	47.80	0.0295
N-Butane	4.167	1.3210	135.94	0.0836
I-Pentane	1.042	0.3830	41.69	0.0260
N-Pentane	1.089	0.3970	43.65	0.0271
Hexane Plus	2.361	1.0590	124.45	0.0781
Total	100.000	20.4590	1427.98	0.9466

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/Z): 1.0056

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

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1439.3

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1414.3

REAL SPECIFIC GRAVITY: 0.9516

DRY BTU @ 14.650: 1431.5

CYLINDER #: MM #5

DRY BTU @ 14.696: 1436.0

CYLINDER PRESSURE: 67 PSIG

DRY BTU @ 14.730: 1439.3

DATE RUN: 2/21/17 3:42 PM

DRY BTU @ 15.025: 1468.1

ANALYSIS RUN BY: DAWN BLASSINGAME