

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 **3/12/17**, for the following described tank battery (or LACT):

Name of Lease: **Logos #5 APi-30-045-35423** Name of Pool: **Nageezi Gallup (330')**

Location of Battery: Unit Letter **P** Section **4** Township **23N** Range **8W**

Number of wells producing into battery **1**

B. Based upon oil production of **150** barrels per day, the estimated volume of gas to be flared is **134 MCFD**; Value: **\$439** 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 **OIL CONS. DIV DIST. 3**

E. This exception is requested for the following reasons:

FEB 06 2017

WPX Energy requests authorization to flare the Logos #5 for an additional 30 days, due to a Gas Lift change to Rod Pump for production method and an unexpected increase in N2. The flare extension expires on 2/12/17.

The gas analysis sample 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

Printed Name

& Title **Lacey Granillo**

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

Date: **2/6/17**

Telephone No. **(505) 333-1816**

OIL CONSERVATION DIVISION

Approved Until

3-12-2017

By

Title

SUPERVISOR DISTRICT #3

Date

FEB 09 2017

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



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

Analysis No: WP170014
Cust No: 85500-12775

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: LOGOS #5; SEP MTR
County/State:
Location:
Field:
Formation:
Cust. Stn. No.: 62405385

Source: SEPARATOR MTR
Pressure: 36 PSIG
Sample Temp: 54 DEG. F
Well Flowing:
Date Sampled: 02/03/2017
Sampled By: KYLE BEEBE
Foreman/Engr.: CODY BOYD

Remarks: PRESSURED WITH HELIUM TO 30LBS. SAMPLE RAN ON 2/06/2017

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	43.933	4.8400	0.00	0.4249
CO2	0.467	0.0800	0.00	0.0071
Methane	49.287	8.3670	497.80	0.2730
Ethane	2.121	0.5680	37.54	0.0220
Propane	2.035	0.5610	51.20	0.0310
Iso-Butane	0.231	0.0760	7.51	0.0046
N-Butane	0.654	0.2060	21.34	0.0131
I-Pentane	0.149	0.0550	5.96	0.0037
N-Pentane	0.134	0.0490	5.37	0.0033
Hexane Plus	0.989	0.4420	52.13	0.0327
Total	100.000	15.2440	678.85	0.8156

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0016

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 681.5

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 669.6

REAL SPECIFIC GRAVITY: 0.8165

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

DRY BTU @ 14.650: 677.8

DRY BTU @ 14.696: 679.9

DRY BTU @ 14.730: 681.5

DRY BTU @ 15.025: 695.1

CYLINDER #: CHACO #14

CYLINDER PRESSURE: 7 PSIG

DATE RUN: 2/3/17 9:42 AM

ANALYSIS RUN BY: PATRICIA KING