

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 **02/07/14**, for the following described tank battery
(or LACT):

Name of Lease: **CHACO 2206-161 #224H -API-30-043-21161** Name of Pool: **Lybrook Gallup**

Location of Battery: Unit Letter **H** Section **16** Township **22N** Range **6W**

Number of wells producing into battery **1**

B. Based upon oil production of **130** barrels per day, the estimated volume

RCVD JAN 10 '14

of gas to be flared is **125 MCFD**; Value: **\$500** per day.

OIL CONS. DIV.

DIST. 3

C. Name and location of nearest gas gathering facility:

Williams Four Corners, LLC Gas Systems in SE qtr sec 2, T22N, R6W

D. Distance **19,500'** Estimated cost of connection **\$700,000**

E. This exception is requested for the following reasons: **WPX has been flowing this well through a temporary pipeline. We now need to disconnect from this temporary line and construct the permanent a pipeline from the 224 that will tie in to the #228H CDP which will then tie in to to WFC Gathering. Construction time expected to last no more than 4 weeks. Attached is a copy of the latest gas analysis for this well.**

The reason we were not seeing gas two weeks prior can be attributed to issues with troubleshooting the Rotoflex pumping unit and also the downhole pump. The rates I included are what the well is capable of when all is good. In an attempt to submerge the pump under more fluid, we have now lowered the pump which should re-establish both oil and gas production to the normal rate.

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 **Heather Riley** - FOR HEATHER RILEY

Printed Name

& Title **Heather Riley, Regulatory Team Lead**

E-mail Address **heather.riley@wpxenergy.com**

Date: **01/10/14** Telephone No. **(505) 333-1822**

OIL CONSERVATION DIVISION

Approved Until **2-10-2014**

By **Charles**

Title **SUPERVISOR DISTRICT # 3**

Date **JAN 10 2014**

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



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

Analysis No: WP130227
Cust No: 85500-11075

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: CHACO 2206-16I #224H
County/State:
Location:
Field:
Formation:
Cust. Stn. No.:

Source: N/A
Pressure: 100 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 12/04/2013
Sampled By: WILLIAM VAN HUSS
Foreman/Engr.: CODY BOYD

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	46.875	5.1670	0.00	0.4534
CO2	0.369	0.0630	0.00	0.0056
Methane	38.063	6.4650	384.44	0.2108
Ethane	3.178	0.8520	56.24	0.0330
Propane	6.240	1.7220	157.00	0.0950
Iso-Butane	1.201	0.3940	39.06	0.0241
N-Butane	2.485	0.7850	81.07	0.0499
I-Pentane	0.580	0.2130	23.21	0.0144
N-Pentane	0.484	0.1760	19.40	0.0121
Hexane Plus	0.525	0.2350	27.67	0.0174
Total	100.000	16.0720	788.09	0.9157

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0022
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 791.7
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 777.9
REAL SPECIFIC GRAVITY: 0.9173

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

DRY BTU @ 14.650: 787.4
DRY BTU @ 14.696: 789.9
DRY BTU @ 14.730: 791.7
DRY BTU @ 15.025: 807.6

CYLINDER #: 13
CYLINDER PRESSURE: 103 PSIG
DATE RUN: 12/5/13 1:00 PM
ANALYSIS RUN BY: AMANDA ARMENTA



WPX ENERGY PRODUCTION, LLC
WELL ANALYSIS COMPARISON

Lease: CHACO 2206-16I #224H
 Stn. No.:
 Mtr. No.:

N/A

12/05/2013
 85500-11075

Smpl Date:	12/04/2013	11/30/2013	11/19/2013	11/12/2013	11/04/2013	10/24/2013
Test Date:	12/05/2013	12/02/2013	11/25/2013	11/25/2013	11/08/2013	11/08/2013
Run No:	WP130227	WP130222	WP130208	WP130207	WP130193	WP130192
Nitrogen:	46.875	51.106	51.874	56.155	57.820	63.580
CO2:	0.369	0.337	0.305	0.287	0.246	0.273
Methane:	38.063	32.954	34.141	30.762	26.445	22.738
Ethane:	3.178	3.232	3.181	2.798	2.517	2.210
Propane:	6.240	6.642	6.195	5.441	5.686	5.204
I-Butane:	1.201	1.305	1.076	1.092	1.316	1.199
N-Butane:	2.485	2.710	2.014	2.163	3.184	2.723
I-Pentane:	0.580	0.618	0.408	0.444	0.965	0.684
N-Pentane:	0.484	0.513	0.335	0.378	0.879	0.588
Hexane+:	0.525	0.583	0.471	0.480	0.942	0.801
BTU:	791.7	767.5	715.3	664.1	728.1	623.2
GPM:	16.0720	15.9450	15.5990	15.2650	15.6830	15.0170
SPG:	0.9173	0.9464	0.9203	0.9328	0.9914	0.9855