

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 3/31/2014, for the following described tank battery (or LACT):

Name of Lease: **Chaco 2307-12E #168H; API 30-039-31173** Name of Pool: **Lybrook Gallup**

Location of Battery: Unit Letter E Section 12 Township 23N Range 7W

Number of wells producing into battery One

B. Based upon oil production of 175 barrels per day, the estimated volume of gas to be flared is **160 MCFD**; Value: **\$750** per day.

C. Name and location of nearest gas gathering facility:

Beeline Gas Systems sec 12, T23N, R67W

D. Distance _____ Estimated cost of connection **BUILT**

E. This exception is requested for the following reasons:

WPX Energy authorization to emergency flare through 3/31/2014. This well has been producing through the sales line but is currently experiencing high nitrogen content of approximately 86%. See gas analysis report. It is anticipated that pipeline quality gas can be expected by 3/31/2014.

OIL CONS. DIV DIST. 3
FEB 21 2014

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

Printed Name
& Title Heather Riley, Regulatory Team Lead

E-mail Address heather.riley@wpxenergy.com

Date: 2/20/2014 Telephone No. (505) 333-1822

OIL CONSERVATION DIVISION

Approved Until 3-31-2014

By Charles

Title **SUPERVISOR DISTRICT # 3**

Date **FEB 25 2014**

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



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

Analysis No: WP140045
Cust No: 85500-11045

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: CHACO 2307-12E #168H
County/State:
Location:
Field:
Formation:
Cust. Stn. No.:

Source:
Pressure: 55 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 02/17/2014
Sampled By: STANLEY DEAN
Foreman/Engr.: CODY BOYD

Remarks: SPOT

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	86.120	9.4810	0.00	0.8330
CO2	0.108	0.0180	0.00	0.0016
Methane	6.366	1.0800	64.30	0.0353
Ethane	1.423	0.3810	25.18	0.0148
Propane	2.593	0.7150	65.24	0.0395
Iso-Butane	0.566	0.1850	18.41	0.0114
N-Butane	1.599	0.5040	52.16	0.0321
I-Pentane	0.418	0.1530	16.72	0.0104
N-Pentane	0.344	0.1250	13.79	0.0086
Hexane Plus	0.463	0.2070	24.41	0.0153
Total	100.000	12.8490	280.21	1.0019

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0009

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 281.1

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 276.2

REAL SPECIFIC GRAVITY: 1.0024

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

DRY BTU @ 14.650: 279.6

DRY BTU @ 14.696: 280.5

DRY BTU @ 14.730: 281.1

DRY BTU @ 15.025: 286.7

CYLINDER #: RE #2

CYLINDER PRESSURE: 43 PSIG

DATE RUN: 2/18/14 9:04 AM

ANALYSIS RUN BY: DAWN BLASSINGAME



WPX ENERGY PRODUCTION, LLC
WELL ANALYSIS COMPARISON

Lease: CHACO 2307-12E #168H
 Stn. No.:
 Mtr. No.:

02/18/2014
 85500-11045

Smpl Date:	02/17/2014	02/01/2014	01/12/2014	12/30/2013	01/05/2014	12/23/2013	12/04/2013
Test Date:	02/18/2014	02/13/2014	01/28/2014	01/28/2014	01/06/2014	12/26/2013	12/05/2013
Run No:	WP140045	WP140040	WP140025	WP140024	WP140004	WP130246	WP130229
Nitrogen:	86.120	7.606	7.959	8.167	8.160	8.588	10.274
CO2:	0.108	0.439	0.432	0.416	0.437	0.431	0.439
Methane:	6.366	65.509	64.648	63.317	65.479	64.642	64.561
Ethane:	1.423	10.646	10.697	10.651	10.741	10.889	9.966
Propane:	2.593	9.297	10.101	10.273	9.838	9.885	9.162
I-Butane:	0.566	1.245	1.420	1.464	1.290	1.298	1.263
N-Butane:	1.599	2.892	3.290	3.443	2.846	2.864	2.997
I-Pentane:	0.418	0.593	0.585	0.645	0.463	0.491	0.579
N-Pentane:	0.344	0.516	0.473	0.557	0.359	0.392	0.461
Hexane+:	0.463	1.257	0.395	1.067	0.387	0.520	0.298
BTU:	281.1	1338.6	1321.8	1360.3	1295.4	1301.2	1263.1
GPM:	12.8490	19.7930	19.6950	19.9490	19.5230	19.5710	19.2820
SPG:	1.0024	0.8509	0.8437	0.8705	0.8289	0.8371	0.8309
	11/25/2013	11/18/2013	11/11/2013	11/04/2013	10/24/2013	10/15/2013	09/17/2013
	11/26/2013	11/25/2013	11/19/2013	11/11/2013	11/11/2013	10/24/2013	09/20/2013
	WP130217	WP130212	WP130203	WP130197	WP130196	WP130187	WP130172
	9.670	9.406	9.839	10.235	12.490	12.629	13.111
	0.429	0.450	0.419	0.432	0.424	0.417	0.417
	65.248	64.699	63.622	65.147	63.972	61.981	61.836
	10.536	10.847	10.373	10.458	10.332	10.845	10.350
	9.365	9.451	9.903	8.735	8.586	9.244	9.458
	1.195	1.192	1.375	1.056	1.005	1.076	1.151
	2.627	2.681	3.251	2.441	2.182	2.333	2.617
	0.423	0.514	0.535	0.453	0.384	0.418	0.460
	0.333	0.433	0.411	0.381	0.320	0.360	0.376
	0.174	0.327	0.272	0.662	0.305	0.697	0.224
	1252.9	1272.6	1286.5	1252.9	1200.2	1237.2	1221.2
	19.2370	19.3840	19.4590	19.2310	18.8910	19.1650	19.0440
	0.8176	0.8278	0.8409	0.8237	0.8138	0.8389	0.8338



WPX ENERGY PRODUCTION, LLC
WELL ANALYSIS COMPARISON

Lease: CHACO 2307-12E #168H
 Str. No.:
 Mtr. No.:

02/18/2014
 85500-11045

09/09/2013	09/09/2013	09/03/2013	08/27/2013	08/19/2013	08/12/2013	08/06/2013
09/12/2013	09/12/2013	09/05/2013	08/30/2013	08/20/2013	08/13/2013	08/09/2013
WP130165	WP130164	WP130159	WP130154	WP130148	WP130145	WP130141
14.440	14.729	14.822	16.055	17.210	20.128	23.151
0.400	0.408	0.385	0.375	0.375	0.359	0.362
59.334	60.460	58.036	56.775	56.020	55.636	53.137
10.169	10.225	9.495	9.370	9.317	8.867	9.002
9.434	8.999	8.875	8.984	8.910	8.128	8.065
1.265	1.146	1.339	1.360	1.329	1.159	1.104
2.944	2.624	3.432	3.478	3.384	2.873	2.684
0.632	0.507	0.981	0.974	0.942	0.767	0.681
0.566	0.432	0.973	0.955	0.928	0.743	0.655
0.816	0.470	1.662	1.674	1.585	1.340	1.159
1252.8	1210.7	1307.9	1297.4	1275.5	1193.3	1143.8
19.2520	18.9730	19.5770	19.5120	19.3710	18.8190	18.5220
0.8681	0.8442	0.9076	0.9139	0.9121	0.8901	0.8906
08/01/2013	07/22/2013					
08/09/2013	07/23/2013					
WP130140	WP130132					
26.283	38.911					
0.355	0.311					
45.148	39.349					
9.365	7.098					
10.057	7.395					
1.541	1.139					
3.883	2.934					
1.002	0.803					
0.951	0.776					
1.415	1.284					
1212.4	978.1					
19.0290	17.4360					
0.9681	0.9514					