

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 4/30/2014, 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 **500 down to 200 MCFD**; Value: **\$2000** ^{#800} 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 4/30/2014. This well was authorized to flare through 3/31/14. On or about 3/19/14 the well was shut in so that the Chaco #2307-12E #169H could be drilled. It has been shut in since that time. We expect drilling on the #169H to be completed or about 4/4/14 at which time we would like to put the Chaco #168H back to flare to finish cleaning out nitrogen. See gas analysis report. It is anticipated that pipeline quality gas can be expected by 4/30/2014.

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: 3/31/14 Telephone No. (505) 333-1822

OIL CONSERVATION DIVISION

Approved Until 5-1-2014

By Charles Leri

Title **SUPERVISOR DISTRICT # 3**

Date APR 01 2014

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

Ar



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

Analysis No: WP140094
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: N/A
Pressure: 60 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 03/17/2014
Sampled By: WILLIAM VANHUSS
Foreman/Engr.: CODY BOYD

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	22.646	2.4990	0.00	0.2190
CO2	0.375	0.0640	0.00	0.0057
Methane	53.493	9.0970	540.28	0.2963
Ethane	9.267	2.4860	164.00	0.0962
Propane	9.305	2.5720	234.12	0.1417
Iso-Butane	1.107	0.3630	36.00	0.0222
N-Butane	2.496	0.7890	81.43	0.0501
I-Pentane	0.511	0.1870	20.44	0.0127
N-Pentane	0.437	0.1590	17.52	0.0109
Hexane Plus	0.363	0.1620	19.13	0.0120
Total	100.000	18.3780	1112.92	0.8668

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0034
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1119.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1099.8
REAL SPECIFIC GRAVITY: 0.8695

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

DRY BTU @ 14.650: 1113.2
DRY BTU @ 14.696: 1116.7
DRY BTU @ 14.730: 1119.3
DRY BTU @ 15.025: 1141.7

CYLINDER #: 3
CYLINDER PRESSURE: 60 PSIG
DATE RUN: 3/19/14 8:17 AM
ANALYSIS RUN BY: DAWN BLASSINGAME



WPX ENERGY PRODUCTION, LLC
WELL ANALYSIS COMPARISON

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

N/A

03/19/2014
 85500-11045

Smpl Date:	03/17/2014	03/12/2014	03/09/2014	02/16/2014	02/07/2014	02/17/2014	02/01/2014
Test Date:	03/19/2014	03/13/2014	03/10/2014	02/24/2014	02/19/2014	02/18/2014	02/13/2014
Run No:	WP140094	WP140093	WP140082	WP140058	WP140053	WP140045	WP140040
Nitrogen:	22.646	32.710	44.328	7.357	7.930	86.120	7.606
CO2:	0.375	0.368	0.280	0.427	0.433	0.108	0.439
Methane:	53.493	46.804	37.197	64.164	65.259	6.366	65.509
Ethane:	9.267	7.778	8.040	10.427	10.525	1.423	10.646
Propane:	9.305	7.212	6.400	9.863	9.445	2.593	9.297
I-Butane:	1.107	0.958	0.780	1.416	1.280	0.566	1.245
N-Butane:	2.496	2.354	1.990	3.435	3.025	1.599	2.892
I-Pentane:	0.511	0.531	0.372	0.878	0.638	0.418	0.593
N-Pentane:	0.437	0.474	0.290	0.846	0.554	0.344	0.516
Hexane+:	0.363	0.810	0.323	1.187	0.912	0.463	1.257
BTU:	1119.3	987.9	816.6	1380.3	1328.0	281.1	1338.6
GPM:	18.3780	17.4940	16.4460	20.0600	19.7210	12.8490	19.7930
SPG:	0.8695	0.8923	0.9044	0.8749	0.8475	1.0024	0.8509
	01/12/2014	12/30/2013	01/05/2014	12/23/2013	12/04/2013	11/25/2013	11/18/2013
	01/28/2014	01/28/2014	01/06/2014	12/26/2013	12/05/2013	11/26/2013	11/25/2013
	WP140025	WP140024	WP140004	WP130246	WP130229	WP130217	WP130212
	7.959	8.167	8.160	8.588	10.274	9.670	9.406
	0.432	0.416	0.437	0.431	0.439	0.429	0.450
	64.648	63.317	65.479	64.642	64.561	65.248	64.699
	10.697	10.651	10.741	10.889	9.966	10.536	10.847
	10.101	10.273	9.838	9.885	9.162	9.365	9.451
	1.420	1.464	1.290	1.298	1.263	1.195	1.192
	3.290	3.443	2.846	2.864	2.997	2.627	2.681
	0.585	0.645	0.463	0.491	0.579	0.423	0.514
	0.473	0.557	0.359	0.392	0.461	0.333	0.433
	0.395	1.067	0.387	0.520	0.298	0.174	0.327
	1321.8	1360.3	1295.4	1301.2	1263.1	1252.9	1272.6
	19.6950	19.9490	19.5230	19.5710	19.2820	19.2370	19.3840
	0.8437	0.8705	0.8289	0.8371	0.8309	0.8176	0.8278



WPX ENERGY PRODUCTION, LLC
WELL ANALYSIS COMPARISON

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

N/A

03/19/2014
 85500-11045

11/11/2013	11/04/2013	10/24/2013	10/15/2013	09/17/2013	09/09/2013	09/09/2013
11/19/2013	11/11/2013	11/11/2013	10/24/2013	09/20/2013	09/12/2013	09/12/2013
WP130203	WP130197	WP130196	WP130187	WP130172	WP130165	WP130164
9.839	10.235	12.490	12.629	13.111	14.440	14.729
0.419	0.432	0.424	0.417	0.417	0.400	0.408
63.622	65.147	63.972	61.981	61.836	59.334	60.460
10.373	10.458	10.332	10.845	10.350	10.169	10.225
9.903	8.735	8.586	9.244	9.458	9.434	8.999
1.375	1.056	1.005	1.076	1.151	1.265	1.146
3.251	2.441	2.182	2.333	2.617	2.944	2.624
0.535	0.453	0.384	0.418	0.460	0.632	0.507
0.411	0.381	0.320	0.360	0.376	0.566	0.432
0.272	0.662	0.305	0.697	0.224	0.816	0.470
1286.5	1252.9	1200.2	1237.2	1221.2	1252.8	1210.7
19.4590	19.2310	18.8910	19.1650	19.0440	19.2520	18.9730
0.8409	0.8237	0.8138	0.8389	0.8338	0.8681	0.8442
09/03/2013	08/27/2013	08/19/2013	08/12/2013	08/06/2013	08/01/2013	07/22/2013
09/05/2013	08/30/2013	08/20/2013	08/13/2013	08/09/2013	08/09/2013	07/23/2013
WP130159	WP130154	WP130148	WP130145	WP130141	WP130140	WP130132
14.822	16.055	17.210	20.128	23.151	26.283	38.911
0.385	0.375	0.375	0.359	0.362	0.355	0.311
58.036	56.775	56.020	55.636	53.137	45.148	39.349
9.495	9.370	9.317	8.867	9.002	9.365	7.098
8.875	8.984	8.910	8.128	8.065	10.057	7.395
1.339	1.360	1.329	1.159	1.104	1.541	1.139
3.432	3.478	3.384	2.873	2.684	3.883	2.934
0.981	0.974	0.942	0.767	0.681	1.002	0.803
0.973	0.955	0.928	0.743	0.655	0.951	0.776
1.662	1.674	1.585	1.340	1.159	1.415	1.284
1307.9	1297.4	1275.5	1193.3	1143.8	1212.4	978.1
19.5770	19.5120	19.3710	18.8190	18.5220	19.0290	17.4360
0.9076	0.9139	0.9121	0.8901	0.8906	0.9681	0.9514