rDistrict 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 7/3/2014, 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 **2**

B. Based upon oil production of 80 barrels per day, the estimated volume of gas to be flared is **85 MCFD**; Value: **$340** per day.

OIL CONS. DIV DIST. 3
MAY 30 2014

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 requests authorization to flare this well due to a temporary emergency situation. In March this well was showing nitrogen content of 86%. WPX was granted authorization for emergency flaring by the BLM. On or about 3/19/14 the well was shut in so that the Chaco #2307-12E #169H could be drilled. The well was turned back on 5/5/2014 and has been flaring since that time.

See gas analysis report. It is anticipated that pipeline quality gas can be expected by 7/1/2014.

OPERATOR	OIL CONSERVATION DIVISION
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.	Approved Until 7-1-2014
Signature [signature]	By Charlie Perrin
Printed Name & Title Mark Heil, Regulatory Specialist	Title SUPERVISOR DISTRICT # 3
E-mail Address mark.heil@wpxenergy.com	Date 5-30-14
Date: 5/29/14 Telephone No. (505) 333-1806	

AV

6

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

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

Analysis No: WP140171
Cust No: 85500-11045

Well/Lease Information

Customer Name:	WPX ENERGY PRODUCTION, LLC	Source:	SPOT
Well Name:	CHACO 2307-12E #168H	Pressure:	45 PSIG
County/State:		Sample Temp:	DEG. F
Location:		Well Flowing:	
Field:		Date Sampled:	05/27/2014
Formation:		Sampled By:	STANLEY DEAN
Cust. Stn. No.:	31702	Foreman/Engr.:	CODY BOYD

Remarks: STATION# 31702

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	27.820	3.0710	0.00	0.2691
CO2	0.395	0.0680	0.00	0.0060
Methane	46.604	7.9270	470.70	0.2581
Ethane	9.518	2.5540	168.44	0.0988
Propane	9.149	2.5290	230.19	0.1393
Iso-Butane	1.380	0.4530	44.88	0.0277
N-Butane	3.215	1.0170	104.88	0.0645
I-Pentane	0.682	0.2500	27.29	0.0170
N-Pentane	0.590	0.2150	23.65	0.0147
Hexane Plus	0.647	0.2890	34.10	0.0214
Total	100.000	18.3730	1104.13	0.9166

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBLITY FACTOR	(1/Z):	1.0036
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):		1110.7
BTU/CU.FT (WET) CORRECTED FOR (1/Z):		1091.4
REAL SPECIFIC GRAVITY:		0.9196

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

DRY BTU @ 14.650:	1104.7	CYLINDER #:	CC#6
DRY BTU @ 14.696:	1108.1	CYLINDER PRESSURE:	39 PSIG
DRY BTU @ 14.730:	1110.7	DATE RUN:	5/28/14 10:11 AM
DRY BTU @ 15.025:	1132.9	ANALYSIS RUN BY:	AMANDA ARMENTA

WPX ENERGY PRODUCTION, LLC

WELL ANALYSIS COMPARISON

Lease: CHACO 2307-12E #168H SPOT 05/28/2014
Stn. No.: 31702 85500-11045
Mtr. No.:

08/27/2013	08/19/2013	08/12/2013	08/06/2013	08/01/2013	07/22/2013
08/30/2013	08/20/2013	08/13/2013	08/09/2013	08/09/2013	07/23/2013
WP130154	WP130148	WP130145	WP130141	WP130140	WP130132
16.055	17.210	20.128	23.151	26.283	38.911
0.375	0.375	0.359	0.362	0.355	0.311
56.775	56.020	55.636	53.137	45.148	39.349
9.370	9.317	8.867	9.002	9.365	7.098
8.984	8.910	8.128	8.065	10.057	7.395
1.360	1.329	1.159	1.104	1.541	1.139
3.478	3.384	2.873	2.684	3.883	2.934
0.974	0.942	0.767	0.681	1.002	0.803
0.955	0.928	0.743	0.655	0.951	0.776
1.674	1.585	1.340	1.159	1.415	1.284
1297.4	1275.5	1193.3	1143.8	1212.4	978.1
19.5120	19.3710	18.8190	18.5220	19.0290	17.4360
0.9139	0.9121	0.8901	0.8906	0.9681	0.9514

WPX ENERGY PRODUCTION, LLC

WELL ANALYSIS COMPARISON

Lease:	CHACO 2307-12E #168H	SPOT	05/28/2014
Stn. No.:	31702		85500-11045
Mtr. No.:			

Smpl Date:	05/27/2014	05/22/2014	05/19/2014	05/12/2014	05/09/2014	04/07/2014	03/17/2014
Test Date:	05/28/2014	05/23/2014	05/22/2014	05/14/2014	05/09/2014	04/09/2014	03/19/2014
Run No:	WP140171	WP140161	WP140158	WP140157	WP140156	WP140103	WP140094
Nitrogen:	27.820	32.107	40.000	44.811	59.320	10.151	22.646
CO2:	0.395	0.371	0.352	0.366	0.312	0.320	0.375
Methane:	46.604	40.919	43.431	38.538	29.907	55.475	53.493
Ethane:	9.518	8.420	6.527	6.595	4.339	11.676	9.267
Propane:	9.149	10.475	5.776	5.856	3.490	11.497	9.305
I-Butane:	1.380	1.694	0.799	0.777	0.424	2.149	1.107
N-Butane:	3.215	4.194	1.999	1.860	1.039	5.370	2.496
I-Pentane:	0.682	0.798	0.433	0.406	0.262	1.319	0.511
N-Pentane:	0.590	0.663	0.363	0.371	0.262	1.114	0.437
Hexane+:	0.647	0.359	0.320	0.420	0.645	0.929	0.363
BTU:	1110.7	1101.8	843.3	796.1	571.5	1459.2	1119.3
GPM:	18.3730	18.3040	16.5190	16.2470	14.7340	20.6730	18.3780
SPG:	0.9196	0.9593	0.8767	0.8979	0.9071	0.9538	0.8695

03/12/2014	03/09/2014	02/16/2014	02/07/2014	02/17/2014	02/01/2014	01/12/2014
03/13/2014	03/10/2014	02/24/2014	02/19/2014	02/18/2014	02/13/2014	01/28/2014
WP140093	WP140082	WP140058	WP140053	WP140045	WP140040	WP140025
32.710	44.328	7.357	7.930	86.120	7.606	7.959
0.368	0.280	0.427	0.433	0.108	0.439	0.432
46.804	37.197	64.164	65.259	6.366	65.509	64.648
7.778	8.040	10.427	10.525	1.423	10.646	10.697
7.212	6.400	9.863	9.445	2.593	9.297	10.101
0.958	0.780	1.416	1.280	0.566	1.245	1.420
2.354	1.990	3.435	3.025	1.599	2.892	3.290
0.531	0.372	0.878	0.638	0.418	0.593	0.585
0.474	0.290	0.846	0.554	0.344	0.516	0.473
0.810	0.323	1.187	0.912	0.463	1.257	0.395
987.9	816.6	1380.3	1328.0	281.1	1338.6	1321.8
17.4940	16.4460	20.0600	19.7210	12.8490	19.7930	19.6950
0.8923	0.9044	0.8749	0.8475	1.0024	0.8509	0.8437

WPX ENERGY PRODUCTION, LLC

WELL ANALYSIS COMPARISON

Lease: CHACO 2307-12E #168H SPOT 05/28/2014

Stn. No.: 31702 85500-11045

Mtr. No.:

12/30/2013	01/05/2014	12/23/2013	12/04/2013	11/25/2013	11/18/2013	11/11/2013
01/28/2014	01/06/2014	12/26/2013	12/05/2013	11/26/2013	11/25/2013	11/19/2013
WP140024	WP140004	WP130246	WP130229	WP130217	WP130212	WP130203
8.167	8.160	8.588	10.274	9.670	9.406	9.839
0.416	0.437	0.431	0.439	0.429	0.450	0.419
63.317	65.479	64.642	64.561	65.248	64.699	63.622
10.651	10.741	10.889	9.966	10.536	10.847	10.373
10.273	9.838	9.885	9.162	9.365	9.451	9.903
1.464	1.290	1.298	1.263	1.195	1.192	1.375
3.443	2.846	2.864	2.997	2.627	2.681	3.251
0.645	0.463	0.491	0.579	0.423	0.514	0.535
0.557	0.359	0.392	0.461	0.333	0.433	0.411
1.067	0.387	0.520	0.298	0.174	0.327	0.272
1360.3	1295.4	1301.2	1263.1	1252.9	1272.6	1286.5
19.9490	19.5230	19.5710	19.2820	19.2370	19.3840	19.4590
0.8705	0.8289	0.8371	0.8309	0.8176	0.8278	0.8409
11/04/2013	10/24/2013	10/15/2013	09/17/2013	09/09/2013	09/09/2013	09/03/2013
11/11/2013	11/11/2013	10/24/2013	09/20/2013	09/12/2013	09/12/2013	09/05/2013
WP130197	WP130196	WP130187	WP130172	WP130165	WP130164	WP130159
10.235	12.490	12.629	13.111	14.440	14.729	14.822
0.432	0.424	0.417	0.417	0.400	0.408	0.385
65.147	63.972	61.981	61.836	59.334	60.460	58.036
10.458	10.332	10.845	10.350	10.169	10.225	9.495
8.735	8.586	9.244	9.458	9.434	8.999	8.875
1.056	1.005	1.076	1.151	1.265	1.146	1.339
2.441	2.182	2.333	2.617	2.944	2.624	3.432
0.453	0.384	0.418	0.460	0.632	0.507	0.981
0.381	0.320	0.360	0.376	0.566	0.432	0.973
0.662	0.305	0.697	0.224	0.816	0.470	1.662
1252.9	1200.2	1237.2	1221.2	1252.8	1210.7	1307.9
19.2310	18.8910	19.1650	19.0440	19.2520	18.9730	19.5770
0.8237	0.8138	0.8389	0.8338	0.8681	0.8442	0.9076