

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)

OIL CONS. DIV DIST. 3

A. Applicant: **WPX Energy Production, LLC**

JUN 27 2014

whose address is: **P.O. Box 640, Aztec, NM 87410,**

hereby requests an exception to Rule 19.15.18.12 until 7/26/14, for the following described tank battery
(or LACT):

30-043-21139

Name of Lease: **Chaco 2306-19M #191H**

Name of Pool: **Lybrook Gallup**

Location of Battery: Unit Letter M Section 19 Township 23N Range 6W

Number of wells producing into battery 2

B. Based upon oil production of 70 barrels per day, the estimated volume

of gas to be flared is **250 MCF/D**; Value: **\$1,000** per day.

C. Name and location of nearest gas gathering facility:

Built

D. Distance Built Estimated cost of connection _____

E. This exception is requested for the following reasons: WPX shut in the Chaco 2306-19M #191H due to frac activity on the Chaco 2306-19M #190H. The nitrogen content of the CHACO 2306-19M #191H on 6/24/14 was recorded as 39% (see the attached gas analysis report). Therefore, WPX is requesting a flaring extension until 7/26/14.

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 Mark Heil

Printed Name
& Title Mark Heil, Regulatory Specialist

E-mail Address mark.heil@wpxenergy.com

Date: 6/26/2014 Telephone No. (505) 333-1806

OIL CONSERVATION DIVISION

Approved Until 7-31-2014

By Charles Kern

Title SUPERVISOR DISTRICT #3

Date JUN 27 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: WP140242
Cust No: 85500-10995

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: CHACO 2306-19M #191H
County/State:
Location:
Field:
Formation:
Cust. Str. No.:

Source: SPOT
Pressure: 144 PSIA
Sample Temp: 104 DEG. F
Well Flowing:
Date Sampled: 06/23/2014
Sampled By: CODY BOYD
Foreman/Engr.: CODY BOYD

Remarks: EU #31701

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	39.311	4.3350	0.00	0.3802
CO2	0.295	0.0500	0.00	0.0045
Methane	40.330	6.8540	407.33	0.2234
Ethane	8.832	2.3680	156.30	0.0917
Propane	6.410	1.7700	161.28	0.0976
Iso-Butane	0.873	0.2860	28.39	0.0175
N-Butane	2.145	0.6780	69.98	0.0430
I-Pentane	0.579	0.2120	23.16	0.0144
N-Pentane	0.537	0.1950	21.53	0.0134
Hexane Plus	0.689	0.3080	36.32	0.0228
Total	100.000	17.0560	904.28	0.9085

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0027

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 908.8

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 893.0

REAL SPECIFIC GRAVITY: 0.9106

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

DRY BTU @ 14.650: 903.9

DRY BTU @ 14.696: 906.7

DRY BTU @ 14.730: 908.8

DRY BTU @ 15.025: 927.0

CYLINDER #: CHACO #2

CYLINDER PRESSURE: 116 PSIG

DATE RUN: 6/24/14 9:06 AM

ANALYSIS RUN BY: AMANDA ARMENTA



WPX ENERGY PRODUCTION, LLC
WELL ANALYSIS COMPARISON

Lease: CHACO 2306-19M #191H
 Stn. No.:
 Mtr. No.:

SPOT

06/24/2014
 85500-10995

Smpl Date:	06/23/2014	06/19/2014	03/31/2014	03/04/2014	02/24/2014	02/16/2014	02/02/2014
Test Date:	06/24/2014	06/20/2014	04/08/2014	03/11/2014	03/04/2014	02/24/2014	02/13/2014
Run No:	WP140242	WP140238	WP140111	WP140086	WP140072	WP140056	WP140038
Nitrogen:	39.311	53.690	4.598	4.277	6.367	5.116	5.143
CO2:	0.295	0.261	0.369	0.372	0.347	0.349	0.358
Methane:	40.330	31.662	63.256	57.478	62.472	64.547	64.605
Ethane:	8.832	6.751	13.456	15.700	13.278	13.053	13.829
Propane:	6.410	4.642	10.104	14.214	9.953	10.001	10.036
I-Butane:	0.873	0.571	1.548	1.958	1.435	1.388	1.343
N-Butane:	2.145	1.367	3.928	4.094	3.463	3.318	3.027
I-Pentane:	0.579	0.329	1.114	0.654	0.874	0.752	0.645
N-Pentane:	0.537	0.304	0.957	0.520	0.764	0.622	0.534
Hexane+:	0.689	0.423	0.670	0.733	1.047	0.854	0.480
BTU:	908.8	669.6	1438.6	1511.0	1407.1	1397.9	1374.2
GPM:	17.0560	15.4650	20.5720	21.1970	20.3650	20.2860	20.1650
SPG:	0.9106	0.9093	0.8818	0.9247	0.8801	0.8608	0.8459
	01/19/2014	01/12/2014	01/06/2014	12/30/2013	12/23/2013	12/04/2013	11/25/2013
	01/28/2014	01/14/2014	01/07/2014	12/31/2013	12/26/2013	12/05/2013	11/26/2013
	WP140022	WP140015	WP140008	WP130256	WP130244	WP130228	WP130216
	5.255	5.475	5.875	5.474	5.824	6.057	5.575
	0.360	0.352	0.350	0.382	0.352	0.375	0.360
	64.408	63.922	66.259	65.377	64.008	65.458	63.668
	13.815	13.569	12.832	13.743	13.578	13.479	13.982
	10.007	10.055	8.867	9.636	9.916	9.749	10.719
	1.331	1.376	1.153	1.196	1.322	1.225	1.456
	2.995	3.224	2.647	2.687	2.985	2.646	3.216
	0.663	0.751	0.607	0.541	0.671	0.471	0.501
	0.560	0.635	0.522	0.417	0.568	0.349	0.363
	0.606	0.641	0.888	0.547	0.776	0.191	0.160
	1378.3	1387.8	1344.3	1348.7	1376.8	1322.6	1364.8
	20.1950	20.2460	19.9170	19.9970	20.1760	19.8170	20.1260
	0.8498	0.8582	0.8345	0.8335	0.8548	0.8228	0.8444



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06/24/2014
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11/19/2013	11/11/2013	11/04/2013	10/24/2013	10/15/2013	10/08/2013	09/30/2013
11/25/2013	11/19/2013	11/11/2013	11/11/2013	10/24/2013	10/16/2013	10/09/2013
WP130211	WP130202	WP130195	WP130194	WP130186	WP130182	WP130177
5.421	5.697	5.790	6.171	6.135	6.342	6.724
0.363	0.364	0.355	0.357	0.361	0.371	0.359
63.592	64.016	62.138	63.998	63.641	62.716	62.142
13.869	13.693	13.716	13.621	13.638	13.687	14.269
10.222	9.913	10.404	9.732	9.919	10.186	10.310
1.410	1.338	1.468	1.292	1.327	1.401	1.388
3.220	3.049	3.466	2.939	3.026	3.216	3.171
0.705	0.685	0.874	0.671	0.683	0.747	0.614
0.583	0.575	0.770	0.570	0.582	0.640	0.503
0.615	0.670	1.019	0.649	0.688	0.694	0.520
1389.7	1376.7	1423.0	1363.5	1372.1	1384.4	1369.9
20.2770	20.1810	20.4910	20.0930	20.1510	20.2390	20.1750
0.8589	0.8536	0.8842	0.8501	0.8553	0.8655	0.8600
09/23/2013	09/16/2013	09/09/2013	09/03/2013	08/28/2013	08/20/2013	08/12/2013
09/25/2013	09/18/2013	09/12/2013	09/05/2013	08/30/2013	08/20/2013	08/14/2013
WP130174	WP130168	WP130163	WP130158	WP130153	WP130151	WP130144
6.661	7.017	6.891	6.892	7.211	7.305	9.320
0.365	0.361	0.361	0.354	0.360	0.349	0.338
66.286	65.219	64.553	62.790	64.892	61.719	63.136
13.356	13.483	13.431	13.562	13.523	13.872	13.382
8.745	9.304	9.264	9.842	9.277	10.292	9.153
1.095	1.141	1.201	1.335	1.154	1.365	1.111
2.410	2.451	2.669	3.046	2.507	3.074	2.428
0.478	0.451	0.595	0.722	0.479	0.709	0.498
0.374	0.352	0.500	0.625	0.377	0.608	0.405
0.230	0.221	0.535	0.832	0.220	0.707	0.229
1294.6	1300.6	1329.7	1372.0	1301.7	1372.1	1276.4
19.6220	19.6730	19.8630	20.1520	19.6800	20.1710	19.5200
0.8111	0.8187	0.8361	0.8632	0.8214	0.8676	0.8273



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WELL ANALYSIS COMPARISON

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SPOT

06/24/2014
 85500-10995

08/06/2013	08/01/2013	07/22/2013	07/16/2013	07/08/2013	07/01/2013	06/24/2013
08/09/2013	08/09/2013	07/23/2013	07/18/2013	07/09/2013	07/02/2013	06/25/2013
WP130139	WP130138	WP130131	WP130127	WP130122	WP130112	WP130096
8.061	8.407	10.299	9.779	11.405	14.994	11.534
0.333	0.337	0.321	0.323	0.321	0.303	0.317
61.066	61.055	59.028	59.859	59.996	55.913	53.218
12.735	12.749	12.661	12.524	12.270	12.100	13.726
9.532	9.416	9.685	9.509	9.083	9.390	11.728
1.401	1.378	1.407	1.397	1.294	1.335	1.758
3.395	3.362	3.359	3.380	3.081	3.158	4.257
0.997	0.994	0.943	0.976	0.853	0.859	1.164
0.937	0.937	0.874	0.914	0.778	0.792	1.066
1.543	1.365	1.423	1.339	0.919	1.156	1.232
1407.5	1393.1	1376.9	1377.3	1316.9	1297.4	1437.0
20.3470	20.2550	20.1610	20.1500	19.7450	19.6360	20.6320
0.8983	0.8928	0.9024	0.8971	0.8756	0.9012	0.9541
06/17/2013	06/11/2013					
06/19/2013	06/12/2013					
WP130090	WP130087					
17.857	28.377					
0.313	0.290					
57.233	50.345					
11.044	9.886					
7.829	6.700					
1.055	0.853					
2.420	1.930					
0.650	0.491					
0.601	0.443					
0.998	0.685					
1193.7	1021.6					
18.9090	17.7780					
0.8652	0.8664					