

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 05/01/2014, for the following described tank battery (or LACT):

Name of Lease: **Chaco 2306-20M #208H**

Name of Pool: **Lybrook Gallup**

Location of Battery: Unit Letter M Section 20 Township 23N Range 6W

Number of wells producing into battery One **AP# 30-043-21170**

B. Based upon oil production of 350 barrels per day, the estimated volume  
of gas to be flared is 1500 MCF; Value: \$6,000 per day.

C. Name and location of nearest gas gathering facility:

Beeline Gas Systems in NW qtr sec 19, T23N, R6W under construction

D. Distance 7,000' Estimated cost of connection \$420,000.00

E. This exception is requested for the following reasons:

Since completion WPX has been attempting to clean up the gas to pipeline quality standards and still has not reached its objective. In addition there are no gathering facilities to this well. The gas from this well will tie into WPX "proposed" 208H pipeline, BLM ROW application NMNM131510, which is currently being processed by BLM Realty Department. This grant is expected in mid April. This line will ultimately tie into Beeline for delivery to sales. We are told that Beeline has received ROW grant for their pipeline and it should be in service shortly. Attached is the gas analysis report for this well dated 01/19/2014. Also attached is flow back report on this well as of 02/04/2014.

**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

*Larry Higgins*

Printed Name

& Title Larry Higgins, Regulatory Specialist, Sr.

E-mail Address larry.higgins@wpxenergy.com

Date: 02/05/2014 Telephone No. (505) 333-1808

**OIL CONSERVATION DIVISION**

Approved Until

3-3-2014

By

*Charlie T. Perry*

Title

**SUPERVISOR DISTRICT # 3**

Date

2-5-2014

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



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

Analysis No: WP140023  
Cust No: 85500-11100

### Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC  
Well Name: CHACO 2306-20M #208H  
County/State:  
Location:  
Field:  
Formation:  
Cust. Stn. No.:

Source: N/A  
Pressure: 79 PSIG  
Sample Temp: DEG. F  
Well Flowing:  
Date Sampled: 01/19/2014  
Sampled By: WILLIAM VANHUSS  
Foreman/Engr.: CODY BOYD

Remarks:

### Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	9.558	1.0560	0.00	0.0924
CO2	0.301	0.0520	0.00	0.0046
Methane	63.251	10.7670	638.84	0.3503
Ethane	12.528	3.3640	221.71	0.1301
Propane	7.986	2.2090	200.94	0.1216
Iso-Butane	1.090	0.3580	35.45	0.0219
N-Butane	2.582	0.8170	84.23	0.0518
I-Pentane	0.749	0.2750	29.97	0.0187
N-Pentane	0.709	0.2580	28.42	0.0177
Hexane Plus	1.246	0.5580	65.68	0.0412
Total	100.000	19.7140	1305.22	0.8503

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

\*\*@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0044  
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1314.0  
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1291.1  
REAL SPECIFIC GRAVITY: 0.8537

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

DRY BTU @ 14.650: 1306.9  
DRY BTU @ 14.696: 1311.0  
DRY BTU @ 14.730: 1314.0  
DRY BTU @ 15.025: 1340.3

CYLINDER #: 7  
CYLINDER PRESSURE: 78 PSIG  
DATE RUN: 1/28/14 8:44 AM  
ANALYSIS RUN BY: PATRICIA KING



WPX ENERGY PRODUCTION, LLC  
WELL ANALYSIS COMPARISON

Lease: CHACO 2306-20M #208H  
Stn. No.:  
Mtr. No.:

N/A

01/29/2014  
85500-11100

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Smpl Date:	01/19/2014	01/12/2014	01/06/2014	12/30/2013	12/23/2013
Test Date:	01/28/2014	01/14/2014	01/07/2014	12/31/2013	12/26/2013
Run No:	WP140023	WP140016	WP140009	WP130257	WP130245
Nitrogen:	9.558	25.298	11.908	14.050	21.504
CO2:	0.301	0.252	0.291	0.300	0.267
Methane:	63.251	51.467	60.583	59.696	53.660
Ethane:	12.528	10.450	12.305	11.944	10.932
Propane:	7.986	7.062	8.197	7.884	7.572
I-Butane:	1.090	0.983	1.162	1.114	1.078
N-Butane:	2.582	2.352	2.786	2.662	2.570
I-Pentane:	0.749	0.672	0.805	0.753	0.729
N-Pentane:	0.709	0.615	0.755	0.692	0.677
Hexane+:	1.246	0.849	1.208	0.905	1.011
BTU:	1314.0	1093.7	1299.4	1249.3	1161.4
GPM:	19.7140	18.2620	19.6270	19.2900	18.7080
SPG:	0.8537	0.8793	0.8693	0.8601	0.8827

MVCI Energy Services, Inc.  
P.O. Box 2326  
Farmington, NM 87499  
Flowback Supervisor: Tony Marez  
Phone: 505-320-2812  
Email: marez@yahoo.com

AM:	DAVE WILLIAMS (505) 320-4520
PM:	DUSTIN JOHNSON (505) 801-4551

Well:	Chaco 2306-20M#208H
Formation:	Gallup
Start:	12/10/2013
MVCI Package:	FT-110
Weather Report	

6:00	Cold/Clear
18:00	COLD-CLOUDY-BREEZY

### Daily Production Data with Test Equipment

Time Log	Choke Size	Flow Readings										Fluid Reading					Return Readings				Flow Direction				Remarks and Comments
		Tubing Psg	Casing Psg	Separator Psg	Separat Temp	Inject Rate	Inject Temp	Flowline Temp	MCS Safe/Hr	Atm Accum	Flow Rate	Water Weight	Water - bbls/hr	Total bbls	Oil bbls/hr	Total Oil	Sand Observed	Salt Observed	Form Observed	Paraffin Observed	Accm	Flow Direction	Re Circ.		
7:00	1"	210	570	89	100	N/A	N/A	84	N/A	566	0	0	13292	15	33588	NONE				X				06:00-Flowing well thru test unit. Paring gas.	
7:30	1"	210	640	87	104	N/A	N/A	84	N/A	569	0	0	13301	15	33607	NONE				X				06:30-428 safe. 175 gross bbls of oil. I&W 0.95.	
8:00	1"	280	640	88	105	N/A	N/A	65	N/A	569	0	0	13301	24	33621	NONE				X				06:30-428 safe. 200 gross bbls of oil. I&W 0.95.	
8:30	1"	280	630	88	107	N/A	N/A	70	N/A	563	0	0	13302	15	33635	NONE				X					
9:00	1"	250	630	87	103	N/A	N/A	68	N/A	571	0	0	13303	19	33655	NONE				X					
9:30	1"	270	630	88	101	N/A	N/A	68	N/A	571	0	0	13303	24	33669	NONE				X					
10:00	1"	250	630	87	98	N/A	N/A	66	N/A	571	0	0	13305	15	33684	NONE				X					
10:30	1"	270	630	87	96	N/A	N/A	63	N/A	568	0	0	13306	15	33698	NONE				X					
11:00	1"	270	630	87	96	N/A	N/A	63	N/A	568	0	0	13306	24	33708	NONE				X					
11:30	1"	280	630	88	103	N/A	N/A	63	N/A	562	0	0	13307	0	33717	NONE				X					
12:00	1"	280	630	88	101	N/A	N/A	63	N/A	562	0	0	13307	17	33734	NONE				X					
12:30	1"	250	630	88	100	N/A	N/A	60	N/A	568	0	0	13310	17	33751	NONE				X					
13:00	1"	280	630	89	105	N/A	N/A	60	N/A	563	0	0	13311	17	33768	NONE				X				17:00-Flow back well into separator.	
13:30	1"	280	630	88	105	N/A	N/A	46	N/A	563	0	0	13311	18	33786	NONE				X					
14:00	1"	280	630	89	105	N/A	N/A	49	N/A	561	0	0	13311	13	33799	NONE				X					
14:30	1"	280	630	90	105	N/A	N/A	51	N/A	560	0	0	13311	17	33816	NONE				X					
15:00	1"	280	630	90	109	N/A	N/A	58	N/A	561	0	0	13315	18	33834	NONE				X					
15:30	1"	270	630	88	110	N/A	N/A	60	N/A	561	0	0	13315	14	33848	NONE				X					
16:00	1"	270	630	87	109	N/A	N/A	59	N/A	565	0	0	13315	20	33868	NONE				X					
16:30	1"	270	630	87	108	N/A	N/A	58	N/A	565	0	0	13315	18	33882	NONE				X				09:00 Flow back well into separator.	
17:00	1"	270	630	90	105	N/A	N/A	53	N/A	563	0	0	13315	15	33897	NONE				X					
17:30	1"	270	630	90	105	N/A	N/A	47	N/A	563	0	0	13315	24	33912	NONE				X					
18:00	1"	270	630	90	105	N/A	N/A	53	N/A	563	0	0	13317	17	33927	NONE				X					
18:30	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X				05:00 Flow back well into separator.	
19:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
20:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
21:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
22:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
23:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
24:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
25:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
26:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
27:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
28:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
29:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
30:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
31:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
32:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
33:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
34:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
35:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
36:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
37:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
38:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
39:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
40:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
41:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
42:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
43:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
44:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
45:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
46:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
47:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
48:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
49:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
50:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
51:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
52:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
53:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
54:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
55:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
56:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
57:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
58:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
59:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
60:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
61:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
62:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
63:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
64:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
65:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
66:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
67:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
68:00	1"	280	630	90	105	N/A	N/A	50	N/A	563	0	0	13321	10	33964	NONE				X					
69:00	1"	280	63																						

[illegible]

Equipment hours and fuel consumption							
Equipment	Start Hrs.	End Hrs.	Daily Hrs.	Total Hrs.	Gallons Per/Hr.	Gallons Per/Day	Gallons Accum.
Booster	0	0	0	0	0	0	0
Mini Pump	0	0	0	0	0.4	0	0
Trash Pump	0	0	0	0	0.3	0	0
Light Tower # 1	0	0	0	0	0.625	0	0
Light Tower # 2	0	0	0	0	0.42	0	0
Line Heater	0	0	0	0	0	0	0

Total flow hours		Recirc Flow		Prog	Boots	Purge	Sand
ATL Flow	Over Flow	Flow	Flow	Control	Control	Control	Control
12/10/2013	0	0	0	0	0	0	0
Start Date	12/10/2013						
End Date	12/10/2013						

[illegible]

Oil Sales							Oil Sold Today	Total Previous Oil Sold	Total Accum. Oil Sold
Time	Gross Wt/Lbs	Gravity	Temp F°	B&W	Seal Off #	Seal On #			
9:55	125	60.8	60	0.95	164210	164012			
10:38	200	60.8	60	0.95	164012	163748			
TOTAL	325						375	21181.8	22556.8