

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 6/1/14, for the following described tank battery  
(or LACT):

Name of Lease: Chaco 2307-13L #175H; API 30-039-31192

Name of Pool: Lybrook Gallup

Location of Battery: Unit Letter L Section 13 Township 23N Range 7W

Number of wells producing into battery 1

B. Based upon oil production of 106 barrels per day, the estimated volume

**OIL CONS. DIV DIST. 3**

of gas to be flared is 350 MCFD; Value: \$1,400 per day.

**MAY 02 2014**

C. Name and location of nearest gas gathering facility:

Beeline Gas Systems in NW qtr sec 18, T23N, R6W

D. Distance 5,250' Estimated cost of connection \$288,000.00

E. This exception is requested for the following reasons:

**This well is a horizontal oil well which is approximately 5,250' from the nearest planned gas gathering connection. The estimated cost to install this gas gathering line is \$288,000.00. This well will be dedicated to Beeline and they have ROW from the BLM and are in the process of constructing which should take approx. 4 weeks. Please see latest gas analysis and flowback report.**

#### 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: 5/1/14 Telephone No. (505) 333-1822

#### OIL CONSERVATION DIVISION

Approved Until 6-3-2014

By Charles Perry

Title SUPERVISOR DISTRICT #3

Date MAY 02 2014

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

INVOI Energy Services, Inc.  
 P.O. Box 2228  
 Farmington, NH 07830  
 Flueback Supervisors  
 Phone: 603-530-2812

Tony Marez

Email: [invoei@invoei.com](mailto:invoei@invoei.com)

Date: 4/13/2014

COILS  
 John Bunney (603) 716-7003  
 AM: 18:00  
 PH: 18:00

Well: Chico 2307-1341254  
 Formation: Gabbro  
 Start: 1/19/2014  
 INVOI Package: F1-02  
 SCO Chair  
 18:00

MEETING REPORT

Daily Production Data with Test Equipment

| Time  | Choke Size | Tubing Size | Flow Rate | Separate | Spare | MCF | Accum | Flow Rate | Temp | Pressure | Fluid Reading |     | Return Production |     | Remarks |    |
|-------|------------|-------------|-----------|----------|-------|-----|-------|-----------|------|----------|---------------|-----|-------------------|-----|---------|----|
|       |            |             |           |          |       |     |       |           |      |          | Water         | Oil | Water             | Oil |         |    |
| 12:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 12:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 13:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 13:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 14:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 14:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 15:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 15:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 16:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 16:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 17:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 17:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 18:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 18:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 19:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 19:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 20:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 20:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 21:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 21:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 22:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 22:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 23:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 23:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 24:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 24:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 25:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 25:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 26:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 26:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 27:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 27:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 28:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 28:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 29:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 29:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 30:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 30:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 31:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 31:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 32:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 32:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 33:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 33:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 34:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 34:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 35:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 35:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 36:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 36:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 37:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 37:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 38:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 38:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 39:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 39:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 40:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 40:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 41:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 41:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 42:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 42:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 43:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 43:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 44:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 44:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 45:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 45:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 46:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 46:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 47:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 47:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 48:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 48:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 49:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 49:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 50:00 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    |    |
| 50:30 | 140        | 390         | 90        | 85       | N/A   | 11  | 271   | 0         | 7987 | 0        | 7987          | 0   | 7987              | 0   | 7987    | </ |



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

Analysis No: WP140123  
Cust No: 85500-11130

**Well/Lease Information**

Customer Name: WPX ENERGY PRODUCTION, LLC  
Well Name: CHACO 2307-16L #175H  
County/State:  
Location:  
Field:  
Formation:  
Cust. Stn. No.:

Source: N/A  
Pressure: 90 PSIG  
Sample Temp: DEG. F  
Well Flowing:  
Date Sampled: 04/07/2014  
Sampled By: STANLEY DEAN  
Foreman/Engr.: CODY BOYD

Remarks: RUN# WPX ENERGY

**Analysis**

| Component:   | Mole%:         | **GPM:         | *BTU:          | *SP Gravity:  |
|--------------|----------------|----------------|----------------|---------------|
| Nitrogen     | 13.812         | 1.5260         | 0.00           | 0.1336        |
| CO2          | 0.387          | 0.0660         | 0.00           | 0.0059        |
| Methane      | 58.733         | 9.9970         | 593.20         | 0.3253        |
| Ethane       | 11.900         | 3.1950         | 210.59         | 0.1235        |
| Propane      | 8.591          | 2.3760         | 216.16         | 0.1308        |
| Iso-Butane   | 1.111          | 0.3650         | 36.13          | 0.0223        |
| N-Butane     | 2.767          | 0.8760         | 90.27          | 0.0555        |
| I-Pentane    | 0.698          | 0.2560         | 27.93          | 0.0174        |
| N-Pentane    | 0.658          | 0.2390         | 26.38          | 0.0164        |
| Hexane Plus  | 1.343          | 0.6010         | 70.79          | 0.0444        |
| <b>Total</b> | <b>100.000</b> | <b>19.4970</b> | <b>1271.45</b> | <b>0.8752</b> |

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/Z): 1.0043  
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1279.9  
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1257.6  
REAL SPECIFIC GRAVITY: 0.8786

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

DRY BTU @ 14.650: 1272.9  
DRY BTU @ 14.696: 1276.9  
DRY BTU @ 14.730: 1279.9  
DRY BTU @ 15.025: 1305.5

CYLINDER #: MM#1  
CYLINDER PRESSURE: 56 PSIG  
DATE RUN: 4/10/14 3:54 PM  
ANALYSIS RUN BY: TIMBER EVERETT



WPX ENERGY PRODUCTION, LLC  
WELL ANALYSIS COMPARISON

Lease: CHACO 2307-16L #175H  
Stn. No.:  
Mtr. No.:

N/A

04/15/2014  
85500-11130

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Smpl Date: 04/07/2014  
Test Date: 04/10/2014  
Run No: WP140123  
  
Nitrogen: 13.812  
CO2: 0.387  
Methane: 58.733  
Ethane: 11.900  
Propane: 8.591  
I-Butane: 1.111  
N-Butane: 2.767  
I-Pentane: 0.698  
N-Pentane: 0.658  
Hexane+: 1.343  
  
BTU: 1279.9  
GPM: 19.4970  
SPG: 0.8786