

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
DEC 15 2014

FORM APPROVED  
OMB No. 1004-0137  
Expires: March 31, 2007

**SUNDRY NOTICES AND REPORTS ON WELLS**  
**Do not use this form for proposals to drill or to re-enter and abandon well. Use Form 3160-3 (APD) for such proposals.**

**SUBMIT IN TRIPLICATE** – Other instructions on page 2.

5. Lease Serial No.  
NMSF-078362

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

8. Well Name and No.  
NE CHACO COM #179H

9. API Well No.  
30-039-31190

10. Field and Pool or Exploratory Area  
Chaco Unit NE HZ (Oil) (330')

11. Country or Parish, State  
Rio Arriba County, NM

1. Type of Well

☐ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator  
WPX Energy Production, LLC

3a. Address  
PO Box 640 Aztec, NM 87410

3b. Phone No. (include area code)  
505-333-1806

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)  
SHL: 1680' FSL & 591' FWL SEC 6 23N 6W  
BHL: 369' FSL & 229' FWL SEC 1 23N 7W

**12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA**

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other EMERGENCY <b>FLARE EXTENSION (4<sup>th</sup>)</b>
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

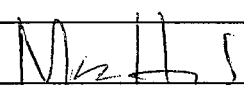
13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.)

WPX Energy requests authorization to flare this well due to a spike in nitrogen content above acceptable Beeline Gas Systems standards due to nearby frac activity on the NE CHACO COM #176H and NE CHACO COM #177H. Nitrogen was measured at 49%. Flaring may begin as soon as approval is given. The well would flare for up to 30 days. Pipeline quality gas should be obtained within 30 days. A gas sample has been collected by a third party and is included as an attachment.

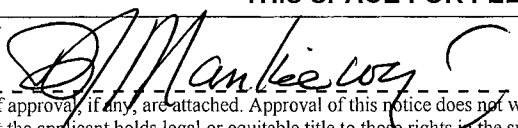
The well flows to Beeline Gas Systems at a rate of 850 MCF/D.

**OIL CONS. DIV DIST. 3**

**DEC 17 2014**

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Mark Heil	Title Regulatory Specialist
Signature 	Date 12/15/14

**THIS SPACE FOR FEDERAL OR STATE OFFICE USE**

Approved by 	Title AFM	Date 12/15/14
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.	Office FFU	

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212; make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



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

Analysis No: WP140445  
Cust No: 85500-11605

### Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC  
Well Name: NE CHACO COM 179H  
County/State:  
Location:  
Field:  
Formation:  
Cust. Stn. No.: 62367179

Source:  
Pressure: 366 PSIG  
Sample Temp: 57 DEG. F  
Well Flowing:  
Date Sampled: 12/11/2014  
Sampled By:  
Foreman/Engr.:

Remarks:

### Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	48.723	5.3690	0.00	0.4713
CO2	0.231	0.0390	0.00	0.0035
Methane	35.536	6.0340	358.92	0.1968
Ethane	7.531	2.0170	133.28	0.0782
Propane	5.077	1.4010	127.74	0.0773
Iso-Butane	0.618	0.2030	20.10	0.0124
N-Butane	1.517	0.4790	49.49	0.0304
I-Pentane	0.321	0.1180	12.84	0.0080
N-Pentane	0.278	0.1010	11.14	0.0069
Hexane Plus	0.167	0.0750	8.80	0.0055
Total	100.000	15.8360	722.31	0.8904

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/Z): 1.0019

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 725.4

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 712.8

REAL SPECIFIC GRAVITY: 0.8917

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

DRY BTU @ 14.650: 721.5

DRY BTU @ 14.696: 723.7

DRY BTU @ 14.730: 725.4

DRY BTU @ 15.025: 739.9

CYLINDER #: 5

CYLINDER PRESSURE: 331 PSIG

DATE RUN: 12/12/14 1:40 PM

ANALYSIS RUN BY: DAWN BLASSINGAME



WPX ENERGY PRODUCTION, LLC  
WELL ANALYSIS COMPARISON

Lease: NE CHACO COM 179H  
Stn. No.: 62367179  
Mtr. No.:

12/15/2014  
85500-11605

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Smpl Date: 12/11/2014  
Test Date: 12/12/2014  
Run No: WP140445  
Nitrogen: 48.723  
CO2: 0.231  
Methane: 35.536  
Ethane: 7.531  
Propane: 5.077  
I-Butane: 0.618  
N-Butane: 1.517  
I-Pentane: 0.321  
N-Pentane: 0.278  
Hexane+: 0.167  
BTU: 725.4  
GPM: 15.8360  
SPG: 0.8917



# United States Department of the Interior

## BUREAU OF LAND MANAGEMENT

Farmington District Office  
6251 College Blvd., Suite A  
Farmington, New Mexico 87402  
[www.blm.gov/nm](http://www.blm.gov/nm)



In Reply Refer To:

## Conditions of Approval:

**NE CHACO COM #179H**

**Section 6-23N-6W**

**Lease No. NMSF078362**

- Flaring is authorized pursuant to NTL 4A Part III A and IV B. As such, no royalty obligation will be incurred during the clean-up period. The vented volumes must be reported on your Oil and Gas Operations Reports (OGORs) during the venting period.
- Flaring will be authorized until January 15, 2015. If additional time is required, please contact this office accordingly.
- Please take appropriate and necessary safety precautions at this well site during the venting period.