

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

OCT 10 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 an  
abandoned well. Use Form 3160-3 (APD) for such proposals.**

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

5. Lease Serial No.  
NMSF-078360

6. If Indian, Allottee or Tribe Name

ROUND OCT 16 '14

7. If Unit of CA/Agreement, Name and/or No.  
132829 OIL CONS. DIV.

8. Well Name and No.  
Chaco 2307-12E #169H

9. API Well No. DIST. 3  
30-039-31211

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

11. Country or Parish, State  
Rio Arriba, 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: 1524' FNL & 262' FWL SEC 12 23N 7W  
BHL: 1819' FNL & 129' FWL SEC 11 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 <b>Emergency Flare</b> <b>(Enterprise Shutdown)</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 recomplate 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 recompletion 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.)

On 10/1/14, WPX Energy requested authorization to flare this well due to an expected spike in nitrogen content from frac activity. However, the results to the gas analysis conducted did not show that nitrogen was elevated enough to flare the well (see the attached gas analysis).

Even though there is no need to flare this well due to elevated nitrogen content, WPX Energy is requesting for approval to flare this well due to the Enterprise Chaco Plant outage occurring on 10/14/14. The outage is expected to last until 10/22/14 and WPX Energy is requesting authorization to flare until the plant is back in service.

14. I hereby certify that the foregoing is true and correct.

Name (Printed/Typed)

Mark Heil

Title Regulatory Specialist

Signature

Date

10/10/14

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

Approved by

Troy Salvors

Title PE

Date 10/15/2014

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 FFO

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.

NMOCD



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

Analysis No: WP140344  
Cust No: 85500-11180

### Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC  
Well Name: CHACO 2307-12E #169H  
County/State:  
Location:  
Field:  
Formation:  
Cust. Stn. No.: 62310052

Source:  
Pressure: 58 PSIG  
Sample Temp: 78 DEG. F  
Well Flowing: Y  
Date Sampled: 10/08/2014  
Sampled By: JASON LUSK  
Foreman/Engr.: CODY BOYD

Remarks:

### Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	18.706	2.0650	0.00	0.1809
CO2	0.367	0.0630	0.00	0.0056
Methane	56.954	9.6890	575.24	0.3155
Ethane	10.611	2.8480	187.79	0.1102
Propane	7.877	2.1780	198.20	0.1199
Iso-Butane	1.014	0.3330	32.97	0.0203
N-Butane	2.425	0.7670	79.11	0.0487
I-Pentane	0.596	0.2190	23.85	0.0148
N-Pentane	0.548	0.1990	21.97	0.0137
Hexane Plus	0.901	0.4030	47.49	0.0298
Total	100.000	18.7640	1166.62	0.8594

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/Z): 1.0037

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1173.7

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1153.3

REAL SPECIFIC GRAVITY: 0.8622

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

DRY BTU @ 14.650: 1167.3

DRY BTU @ 14.696: 1171.0

DRY BTU @ 14.730: 1173.7

DRY BTU @ 15.025: 1197.2

CYLINDER #: R.E. #16

CYLINDER PRESSURE: 105 PSIG

DATE RUN: 10/9/14 2:44 PM

ANALYSIS RUN BY: DAWN BLASSINGAME



WPX ENERGY PRODUCTION, LLC  
WELL ANALYSIS COMPARISON

Lease: CHACO 2307-12E #169H  
 Stn. No.: 62310052  
 Mtr. No.:

10/09/2014  
 85500-11180

<b>Smpl Date:</b>	10/08/2014	10/01/2014	09/30/2014	07/02/2014	06/04/2014	05/27/2014	05/18/2014
<b>Test Date:</b>	10/09/2014	10/02/2014	10/02/2014	07/09/2014	06/11/2014	06/04/2014	05/21/2014
<b>Run No:</b>	WP140344	WP140329	WP140331	WP140266	WP140199	WP140183	WP140166
<b>Nitrogen:</b>	18.706	12.764	6.526	10.410	14.833	20.261	18.086
<b>CO2:</b>	0.367	0.439	0.393	0.348	0.357	0.333	0.316
<b>Methane:</b>	56.954	61.669	65.032	65.162	65.699	59.669	54.964
<b>Ethane:</b>	10.611	10.307	12.017	11.197	10.384	9.913	10.473
<b>Propane:</b>	7.877	8.749	9.027	7.792	6.020	6.394	8.629
<b>I-Butane:</b>	1.014	1.155	1.246	1.001	0.612	0.732	1.260
<b>N-Butane:</b>	2.425	2.933	3.047	2.335	1.273	1.596	3.138
<b>I-Pentane:</b>	0.596	0.591	0.800	0.553	0.243	0.347	0.873
<b>N-Pentane:</b>	0.548	0.505	0.757	0.502	0.213	0.312	0.842
<b>Hexane+:</b>	0.901	0.888	1.155	0.700	0.366	0.443	1.419
<b>BTU:</b>	1173.7	1257.4	1369.4	1248.0	1103.6	1070.3	1252.7
<b>GPM:</b>	18.7640	19.2730	20.0500	19.2230	18.2490	18.0420	19.2760
<b>SPG:</b>	0.8622	0.8538	0.8584	0.8211	0.7756	0.8117	0.9058

05/12/2014

05/21/2014

WP140165

23.401

0.310

51.353

10.041

8.440

1.194

2.953

0.756

0.712

0.840

1153.9

18.6380

0.8988