Form 3160-5 (February 2005)

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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

SIMUDA	NOTICES AND	DEDODTS ON			1.5. Lease Seria			
SUNDRY NOTICES AND REPORTS ON WELLISCU Of Land M Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.						6. If Indian, Allottee or Tribe Name APP 7'14		
SUBMIT IN TRIPLICATE – Other instructions on page 2.						7. If Unit of CA/Agreement, Name and/or No.		
1. Type of Well					1	<b>7</b>	NST. 3	
Oil Well Gas Well Other					8. Well Name and No. Chaco 2306-06L #179H			
2. Name of Operator WPX Energy Production, LLC					9. API Well No. 30-039-31190			
3a. Address PO Box 640 Aztec, N	ude area code	)	10. Field and Pool or Exploratory Area  Lybrook Gallup					
4. Location of Well <i>(Footage, I</i> ) SHL: 1680' FSL & 591' FWL BHL: 369' FSL & 229' FWL			I1. Country or Parish, State Rio Arriba County, NM					
12. CHEC	CK THE APPROPRIAT	E BOX(ES) TO INDI	CATE NATU	RE OF NOTIC	E, REPORT OR	OTHER DATA		
TYPE OF SUBMISSION			TY	PE OF ACTION	1			
Notice of Intent	Acidize  Alter Casing	Deepen Fracture Treat			Water Shut-O Well Integrity			
Subsequent Report	Casing Repair Change Plans	New Construct Plug and Aban	<b>=</b> `		Other FLARI	E EXTENSION		
Final Abandonment Notice	Convert to Injection	Plug Back		Water Disposa	1			
duration thereof. If the pro- all pertinent markers and z subsequent reports must be recompletion in a new inte requirements, including re- WPX Energy requests an This well is dedicated to received authorization for Attached is the first gas a sales. Total gas flared to estimated volume of gas to	enes. Attach the Bond of a filed within 30 days for rval, a Form 3160-4 muclamation, have been contained and they are the their 299 applications.	onder which the work allowing completion of the filed once testing impleted and the operation of the filed once testing impleted and the operation of the period region of the process of the is dated 3/24/14 ely 44,594 mcf.	will be perfor f the involved g has been con ator has determ per NTL-4 of securing cipated that 4 and show At a continu	med or provide operations. If the pleted, Final Anined that the single A. The well Right-of-War ROW will be a Nitrogen and rate of 1.	the Bond No. on the operation results and on the operation results and on the ite is ready for find the beginning of the operation of the oper	a file with BLM/BLA lits in a multiple contices must be filed and inspection.)  g approximately a BLM FFO and 4/30/2014.	A. Required inpletion or conly after all of 03/02/14. I have not yet coo high for conal pursuant to	
14. I hereby certify that the foregon Name (Printed/Typed)	oing is true and correct.							
Heather Riley			Title REGULATORY TEAM LEAD					
Signature WWW	1) Kiley		Date 3/27			· · · · · · · · · · · · · · · · · · ·		
	THIS SPA	CE FOR FEDER	RAL OR S	TATE OFF	ICE USE		<u> </u>	
Conditions of approval, if any, are or certify that the applicant holds lease which would entitle the appl	legal or equitable title to the same to conduct operation	those rights in the subje ns thereon.	oct Office	te fr. 8	llfully to make to	Date A Canana any department or as	≥   1 d tency of the	
United States any false, fictitious						) ==p===============================	,	



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

Analysis No: WP140101 Cust No: 85500-11120

N/A

45 PSIG

DEG. F

### Well/Lease Information

Source:

Pressure:

Sample Temp:

Well Flowing:

Customer Name: WPX ENERGY PRODUCTION, LLC

Well Name: CHACO 2306-06L #179H

County/State:

Location:

Field: Date Sampled: 03/24/2014 WILLIAM VANHUSS Formation: Sampled By: Cust. Stn. No.: Foreman/Engr.: CODY BOYD

Remarks:

**Analysis** 

		•		
Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	15.758	1.7400	0.00	0.1524
CO2	0.316	0.0540	0.00	0.0048
Methane	59.896	10.1910	604.95	0.3318
Ethane	10.802	2.8990	191.16	0.1121
Propane	7.160	1.9800	180.15	0.1090
so-Butane	0.957	0.3140	31.12	0.0192
N-Butane	2.419	0.7650	78.92	0.0485
-Pentane	0.693	0.2540	27.73	0.0173
N-Pentane	0.691	0.2510	27.70	0.0172
Hexane Plus	1.308	0.5850	68.95	0.0433
Total	100.000	19.0330	1210.67	0.8556

<sup>\* @ 14.730</sup> PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

DRY BTU @ 14.730:

**COMPRESSIBLITY FACTOR** (1/Z): 1.0039

GPM, BTU, and SPG calculations as shown BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1218.2 above are based on current GPA factors.

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1197.0

0.8587 REAL SPECIFIC GRAVITY:

1218.2

CYLINDER #: DRY BTU @ 14.650: 1211.6 14

CYLINDER PRESSURE: 70 PSIG DRY BTU @ 14.696: 1215.4

DATE RUN: 3/26/14 9:37 AM

ANALYSIS RUN BY: AMANDA ARMENTA DRY BTU @ 15.025: 1242.6

<sup>\*\*@ 14.730</sup> PSIA & 60 DEG. F.



# WPX ENERGY PRODUCTION, LLC WELL ANALYSIS COMPARISON

Lease:

CHACO 2306-06L #179H

N/A

03/26/2014

Stn. No.:

Mtr. No.:

85500-11120

Smpl Date:	03/24/2014	03/10/2014
Test Date:	03/26/2014	03/12/2014
Run No:	WP140101	WP140084
Nitrogen:	15.758	36.812
CO2:	0.316	0.265
Methane:	59.896	45.092
Ethane:	10.802	8.158
Propane:	7.160	5.426
I-Butane:	0.957	0.706
N-Butane:	2.419	1.774
I-Pentane:	0.693	0.478
N-Pentane:	0.691	0.463
Hexane+:	1.308	0.826
BTU:	1218.2	902.8
GPM:	19.0330	16.9560
SPG:	0.8587	0.8796



## 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



In Reply Refer To:

## **Conditions of Approval:**

Chaco 2306-06L #179H Unit L, Section 6-23N-6W Lease No. NMSF078362

- Flaring is authorized pursuant to NTL 4A Part III C and IV B. As such, no royalty obligation will be incurred during the evaluation, clean-up and pipeline pending period. The flared volumes must be reported on your Oil and Gas Operations Reports (OGORs) during the flaring period.
- Flaring will be authorized until May 1, 2014. If additional time is required, please contact this office accordingly.
- Please take appropriate and necessary safety precautions at this well site during the flaring period.