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Form 3160-5
(February 2005)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

MAY 01 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.

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. NMSF-078362
2. Name of Operator WPX Energy Production, LLC		6. If Indian, Allottee or Tribe Name
3a. Address PO Box 640 Aztec, NM 87410	3b. Phone No. (include area code) 505-333-1822	7. If Unit of CA/Agreement, Name and/or No.
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sur: 1492' FNL & 303' FWL, sec 12, T23N, R7W BHL: 340' FNL & 340' FWL, Sec 11, T23N, R7W		8. Well Name and No. Chaco 2307-12E #168H
		9. API Well No. 30-039-31173
		10. Field and Pool or Exploratory Area Lybrook Gallup
		11. Country or Parish, State Rio Arriba, NM

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 <u>3rd EMERGENCY FLARE REQUEST</u>
	<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 temporary emergency situation. In March this well was showing nitrogen content of 86%. WPX was granted authorization for emergency flaring by the BLM. On or about 3/19/14 the well was shut in so that the Chaco #2307-12E #169H could be drilled. It has been shut in since that time. We expect completion on the #169H to be completed or about 5/2/14 at which time we would like to put the Chaco #168H back to flare to finish cleaning out nitrogen.

Attached is gas analysis report dated 4/9/2014 which shows a nitrogen content of 10.15 percent. It is estimated that gas volumes will be approximately 500 mcf/d for a week then drop to approximately 200 mcf/d and we should see pipeline quality gas by 5/19/14.

Approved granted until 6/1/14 or until connected to pipeline, whichever occurs first. Approved pursuant to NTL4A, Part III C + Part IV B

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Heather Riley		Title Regulatory Team Lead
Signature 		Date 4/30/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by 	Title Reg. Eng.	Date 5/5/14
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

NMOC



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

Analysis No: WP140103
Cust No: 85500-11045

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: CHACO 2307-12E #168H
County/State:
Location:
Field:
Formation:
Cust. Stn. No.:

Source:
Pressure: 48 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 04/07/2014
Sampled By: STANLEY DEAN
Foreman/Engr.: CODY BOYD

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	10.151	1.1230	0.00	0.0982
CO2	0.320	0.0550	0.00	0.0049
Methane	55.475	9.4550	560.30	0.3073
Ethane	11.676	3.1390	206.63	0.1212
Propane	11.497	3.1840	289.27	0.1750
Iso-Butane	2.149	0.7070	69.88	0.0431
N-Butane	5.370	1.7020	175.18	0.1078
I-Pentane	1.319	0.4850	52.77	0.0329
N-Pentane	1.114	0.4060	44.66	0.0278
Hexane Plus	0.929	0.4170	48.97	0.0307
Total	100.000	20.6730	1447.67	0.9488

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0056
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1459.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1433.8
REAL SPECIFIC GRAVITY: 0.9538

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

DRY BTU @ 14.650: 1451.3
DRY BTU @ 14.696: 1455.8
DRY BTU @ 14.730: 1459.2
DRY BTU @ 15.025: 1488.4

CYLINDER #: RE #6
CYLINDER PRESSURE: 24 PSIG
DATE RUN: 4/9/14 7:52 AM
ANALYSIS RUN BY: PATRICIA KING



WPX ENERGY PRODUCTION, LLC
WELL ANALYSIS COMPARISON

Lease: CHACO 2307-12E #168H
 Stn. No.:
 Mtr. No.:

04/09/2014
 85500-11045

Smpl Date:	04/07/2014	03/17/2014	03/12/2014	03/09/2014	02/16/2014	02/07/2014	02/17/2014
Test Date:	04/09/2014	03/19/2014	03/13/2014	03/10/2014	02/24/2014	02/19/2014	02/18/2014
Run No:	WP140103	WP140094	WP140093	WP140082	WP140058	WP140053	WP140045
Nitrogen:	10.151	22.646	32.710	44.328	7.357	7.930	86.120
CO2:	0.320	0.375	0.368	0.280	0.427	0.433	0.108
Methane:	55.475	53.493	46.804	37.197	64.164	65.259	6.366
Ethane:	11.676	9.267	7.778	8.040	10.427	10.525	1.423
Propane:	11.497	9.305	7.212	6.400	9.863	9.445	2.593
I-Butane:	2.149	1.107	0.958	0.780	1.416	1.280	0.566
N-Butane:	5.370	2.496	2.354	1.990	3.435	3.025	1.599
I-Pentane:	1.319	0.511	0.531	0.372	0.878	0.638	0.418
N-Pentane:	1.114	0.437	0.474	0.290	0.846	0.554	0.344
Hexane+:	0.929	0.363	0.810	0.323	1.187	0.912	0.463
BTU:	1459.2	1119.3	987.9	816.6	1380.3	1328.0	281.1
GPM:	20.6730	18.3780	17.4940	16.4460	20.0600	19.7210	12.8490
SPG:	0.9538	0.8695	0.8923	0.9044	0.8749	0.8475	1.0024
	02/01/2014	01/12/2014	12/30/2013	01/05/2014	12/23/2013	12/04/2013	11/25/2013
	02/13/2014	01/28/2014	01/28/2014	01/06/2014	12/26/2013	12/05/2013	11/26/2013
	WP140040	WP140025	WP140024	WP140004	WP130246	WP130229	WP130217
	7.606	7.959	8.167	8.160	8.588	10.274	9.670
	0.439	0.432	0.416	0.437	0.431	0.439	0.429
	65.509	64.648	63.317	65.479	64.642	64.561	65.248
	10.646	10.697	10.651	10.741	10.889	9.966	10.536
	9.297	10.101	10.273	9.838	9.885	9.162	9.365
	1.245	1.420	1.464	1.290	1.298	1.263	1.195
	2.892	3.290	3.443	2.846	2.864	2.997	2.627
	0.593	0.585	0.645	0.463	0.491	0.579	0.423
	0.516	0.473	0.557	0.359	0.392	0.461	0.333
	1.257	0.395	1.067	0.387	0.520	0.298	0.174
	1338.6	1321.8	1360.3	1295.4	1301.2	1263.1	1252.9
	19.7930	19.6950	19.9490	19.5230	19.5710	19.2820	19.2370
	0.8509	0.8437	0.8705	0.8289	0.8371	0.8309	0.8176



WPX ENERGY PRODUCTION, LLC
WELL ANALYSIS COMPARISON

Lease: CHACO 2307-12E #168H
 Stn. No.:
 Mtr. No.:

04/09/2014
 85500-11045

11/18/2013	11/11/2013	11/04/2013	10/24/2013	10/15/2013	09/17/2013	09/09/2013
11/25/2013	11/19/2013	11/11/2013	11/11/2013	10/24/2013	09/20/2013	09/12/2013
WP130212	WP130203	WP130197	WP130196	WP130187	WP130172	WP130165
9.406	9.839	10.235	12.490	12.629	13.111	14.440
0.450	0.419	0.432	0.424	0.417	0.417	0.400
64.699	63.622	65.147	63.972	61.981	61.836	59.334
10.847	10.373	10.458	10.332	10.845	10.350	10.169
9.451	9.903	8.735	8.586	9.244	9.458	9.434
1.192	1.375	1.056	1.005	1.076	1.151	1.265
2.681	3.251	2.441	2.182	2.333	2.617	2.944
0.514	0.535	0.453	0.384	0.418	0.460	0.632
0.433	0.411	0.381	0.320	0.360	0.376	0.566
0.327	0.272	0.662	0.305	0.697	0.224	0.816
1272.6	1286.5	1252.9	1200.2	1237.2	1221.2	1252.8
19.3840	19.4590	19.2310	18.8910	19.1650	19.0440	19.2520
0.8278	0.8409	0.8237	0.8138	0.8389	0.8338	0.8681
09/09/2013	09/03/2013	08/27/2013	08/19/2013	08/12/2013	08/06/2013	08/01/2013
09/12/2013	09/05/2013	08/30/2013	08/20/2013	08/13/2013	08/09/2013	08/09/2013
WP130164	WP130159	WP130154	WP130148	WP130145	WP130141	WP130140
14.729	14.822	16.055	17.210	20.128	23.151	26.283
0.408	0.385	0.375	0.375	0.359	0.362	0.355
60.460	58.036	56.775	56.020	55.636	53.137	45.148
10.225	9.495	9.370	9.317	8.867	9.002	9.365
8.999	8.875	8.984	8.910	8.128	8.065	10.057
1.146	1.339	1.360	1.329	1.159	1.104	1.541
2.624	3.432	3.478	3.384	2.873	2.684	3.883
0.507	0.981	0.974	0.942	0.767	0.681	1.002
0.432	0.973	0.955	0.928	0.743	0.655	0.951
0.470	1.662	1.674	1.585	1.340	1.159	1.415
1210.7	1307.9	1297.4	1275.5	1193.3	1143.8	1212.4
18.9730	19.5770	19.5120	19.3710	18.8190	18.5220	19.0290
0.8442	0.9076	0.9139	0.9121	0.8901	0.8906	0.9681



WPX ENERGY PRODUCTION, LLC
WELL ANALYSIS COMPARISON

Lease: CHACO 2307-12E #168H
Stn. No.:
Mtr. No.:

04/09/2014
85500-11045

07/22/2013
07/23/2013
WP130132

38.911
0.311
39.349
7.098
7.395
1.139
2.934
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0.776
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978.1
17.4360
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