

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED

MAY 29 2014

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

Fannington Field Lease; Serial No.
Bureau of Land Management NMSF: 078362

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

☒ 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)
505-333-1822

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

6. If Indian, Allottee or Tribe Name

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

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 4th EMERGENCY FLARE REQUEST
	<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 recomplete 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.)

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. This well was turned back on 5/5/2014 and has been flaring since that time.

Attached is gas analysis report dated 5/27/2014 which shows a nitrogen content of 27.82 percent. We estimate that we should see pipeline quality gas by 6/30/14.

Authorization granted until 6/30/14

Approved pursuant to
NTL4A, Part III C

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed) Mark Heil	Title Regulatory Specialist
Signature	Date 5/29/2014

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by	Petr. Eng	Date 6/2/14
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.	Title	Office

NMOCDA



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

Analysis No: WP140171
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.: 31702

Source: SPOT
Pressure: 45 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 05/27/2014
Sampled By: STANLEY DEAN
Foreman/Engr.: CODY BOYD

Remarks: STATION# 31702

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	27.820	3.0710	0.00	0.2691
CO2	0.395	0.0680	0.00	0.0060
Methane	46.604	7.9270	470.70	0.2581
Ethane	9.518	2.5540	168.44	0.0988
Propane	9.149	2.5290	230.19	0.1393
Iso-Butane	1.380	0.4530	44.88	0.0277
N-Butane	3.215	1.0170	104.88	0.0645
I-Pentane	0.682	0.2500	27.29	0.0170
N-Pentane	0.590	0.2150	23.65	0.0147
Hexane Plus	0.647	0.2890	34.10	0.0214
Total	100.000	18.3730	1104.13	0.9166

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0036

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1110.7

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1091.4

REAL SPECIFIC GRAVITY: 0.9196

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

DRY BTU @ 14.650: 1104.7

DRY BTU @ 14.696: 1108.1

DRY BTU @ 14.730: 1110.7

DRY BTU @ 15.025: 1132.9

CYLINDER #: CC#6

CYLINDER PRESSURE: 39 PSIG

DATE RUN: 5/28/14 10:11 AM

ANALYSIS RUN BY: AMANDA ARMENTA



WPX ENERGY PRODUCTION, LLC
WELL ANALYSIS COMPARISON

Lease: CHACO 2307-12E #168H
Stn. No.: 31702
Mtr. No.:

SPOT

05/28/2014
85500-11045

08/27/2013	08/19/2013	08/12/2013	08/06/2013	08/01/2013	07/22/2013
08/30/2013	08/20/2013	08/13/2013	08/09/2013	08/09/2013	07/23/2013
WP130154	WP130148	WP130145	WP130141	WP130140	WP130132
16.055	17.210	20.128	23.151	26.283	38.911
0.375	0.375	0.359	0.362	0.355	0.311
56.775	56.020	55.636	53.137	45.148	39.349
9.370	9.317	8.867	9.002	9.365	7.098
8.984	8.910	8.128	8.065	10.057	7.395
1.360	1.329	1.159	1.104	1.541	1.139
3.478	3.384	2.873	2.684	3.883	2.934
0.974	0.942	0.767	0.681	1.002	0.803
0.955	0.928	0.743	0.655	0.951	0.776
1.674	1.585	1.340	1.159	1.415	1.284
1297.4	1275.5	1193.3	1143.8	1212.4	978.1
19.5120	19.3710	18.8190	18.5220	19.0290	17.4360
0.9139	0.9121	0.8901	0.8906	0.9681	0.9514



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SPOT

05/28/2014
85500-11045

Smpl Date:	05/27/2014	05/22/2014	05/19/2014	05/12/2014	05/09/2014	04/07/2014	03/17/2014
Test Date:	05/28/2014	05/23/2014	05/22/2014	05/14/2014	05/09/2014	04/09/2014	03/19/2014
Run No:	WP140171	WP140161	WP140158	WP140157	WP140156	WP140103	WP140094
Nitrogen:	27.820	32.107	40.000	44.811	59.320	10.151	22.646
CO2:	0.395	0.371	0.352	0.366	0.312	0.320	0.375
Methane:	46.604	40.919	43.431	38.538	29.907	55.475	53.493
Ethane:	9.518	8.420	6.527	6.595	4.339	11.676	9.267
Propane:	9.149	10.475	5.776	5.856	3.490	11.497	9.305
I-Butane:	1.380	1.694	0.799	0.777	0.424	2.149	1.107
N-Butane:	3.215	4.194	1.999	1.860	1.039	5.370	2.496
I-Pentane:	0.682	0.798	0.433	0.406	0.262	1.319	0.511
N-Pentane:	0.590	0.663	0.363	0.371	0.262	1.114	0.437
Hexane+:	0.647	0.359	0.320	0.420	0.645	0.929	0.363
BTU:	1110.7	1101.8	843.3	796.1	571.5	1459.2	1119.3
GPM:	18.3730	18.3040	16.5190	16.2470	14.7340	20.6730	18.3780
SPG:	0.9196	0.9593	0.8767	0.8979	0.9071	0.9538	0.8695
	03/12/2014	03/09/2014	02/16/2014	02/07/2014	02/17/2014	02/01/2014	01/12/2014
	03/13/2014	03/10/2014	02/24/2014	02/19/2014	02/18/2014	02/13/2014	01/28/2014
	WP140093	WP140082	WP140058	WP140053	WP140045	WP140040	WP140025
	32.710	44.328	7.357	7.930	86.120	7.606	7.959
	0.368	0.280	0.427	0.433	0.108	0.439	0.432
	46.804	37.197	64.164	65.259	6.366	65.509	64.648
	7.778	8.040	10.427	10.525	1.423	10.646	10.697
	7.212	6.400	9.863	9.445	2.593	9.297	10.101
	0.958	0.780	1.416	1.280	0.566	1.245	1.420
	2.354	1.990	3.435	3.025	1.599	2.892	3.290
	0.531	0.372	0.878	0.638	0.418	0.593	0.585
	0.474	0.290	0.846	0.554	0.344	0.516	0.473
	0.810	0.323	1.187	0.912	0.463	1.257	0.395
	987.9	816.6	1380.3	1328.0	281.1	1338.6	1321.8
	17.4940	16.4460	20.0600	19.7210	12.8490	19.7930	19.6950
	0.8923	0.9044	0.8749	0.8475	1.0024	0.8509	0.8437



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 Stn. No.: 31702
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SPOT

05/28/2014
 85500-11045

12/30/2013	01/05/2014	12/23/2013	12/04/2013	11/25/2013	11/18/2013	11/11/2013
01/28/2014	01/06/2014	12/26/2013	12/05/2013	11/26/2013	11/25/2013	11/19/2013
WP140024	WP140004	WP130246	WP130229	WP130217	WP130212	WP130203
8.167	8.160	8.588	10.274	9.670	9.406	9.839
0.416	0.437	0.431	0.439	0.429	0.450	0.419
63.317	65.479	64.642	64.561	65.248	64.699	63.622
10.651	10.741	10.889	9.966	10.536	10.847	10.373
10.273	9.838	9.885	9.162	9.365	9.451	9.903
1.464	1.290	1.298	1.263	1.195	1.192	1.375
3.443	2.846	2.864	2.997	2.627	2.681	3.251
0.645	0.463	0.491	0.579	0.423	0.514	0.535
0.557	0.359	0.392	0.461	0.333	0.433	0.411
1.067	0.387	0.520	0.298	0.174	0.327	0.272
1360.3	1295.4	1301.2	1263.1	1252.9	1272.6	1286.5
19.9490	19.5230	19.5710	19.2820	19.2370	19.3840	19.4590
0.8705	0.8289	0.8371	0.8309	0.8176	0.8278	0.8409
11/04/2013	10/24/2013	10/15/2013	09/17/2013	09/09/2013	09/09/2013	09/03/2013
11/11/2013	11/11/2013	10/24/2013	09/20/2013	09/12/2013	09/12/2013	09/05/2013
WP130197	WP130196	WP130187	WP130172	WP130165	WP130164	WP130159
10.235	12.490	12.629	13.111	14.440	14.729	14.822
0.432	0.424	0.417	0.417	0.400	0.408	0.385
65.147	63.972	61.981	61.836	59.334	60.460	58.036
10.458	10.332	10.845	10.350	10.169	10.225	9.495
8.735	8.586	9.244	9.458	9.434	8.999	8.875
1.056	1.005	1.076	1.151	1.265	1.146	1.339
2.441	2.182	2.333	2.617	2.944	2.624	3.432
0.453	0.384	0.418	0.460	0.632	0.507	0.981
0.381	0.320	0.360	0.376	0.566	0.432	0.973
0.662	0.305	0.697	0.224	0.816	0.470	1.662
1252.9	1200.2	1237.2	1221.2	1252.8	1210.7	1307.9
19.2310	18.8910	19.1650	19.0440	19.2520	18.9730	19.5770
0.8237	0.8138	0.8389	0.8338	0.8681	0.8442	0.9076