



APT: 30-039-31200

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: WP140365
Cust No: 85500-11115**Well/Lease Information**Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: CHACO 2306-06L #178H
County/State:
Location:
Field:
Formation:
Cust. Str. No.: 62311104Source:
Pressure: 100 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 10/28/2014
Sampled By: MARK GLOVER
Foreman/Engr.: CODY BOYD

OIL CONS. DIV DIST. 3

NOV 24 2014

Remarks: *No flaring necessary***Analysis**

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	4.798	0.5300	0.00	0.0464
CO2	0.417	0.0710	0.00	0.0063
Methane	70.558	12.0040	712.64	0.3908
Ethane	12.576	3.3750	222.56	0.1306
Propane	8.050	2.2260	202.55	0.1226
Iso-Butane	0.922	0.3030	29.98	0.0185
N-Butane	2.003	0.6340	65.34	0.0402
I-Pentane	0.320	0.1170	12.80	0.0080
N-Pentane	0.246	0.0890	9.86	0.0061
Hexane Plus	0.110	0.0490	5.80	0.0036
Total	100.000	19.3980	1261.53	0.7731

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0038

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1269.3

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1247.2

REAL SPECIFIC GRAVITY: 0.7758

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

DRY BTU @ 14.650: 1262.4

DRY BTU @ 14.696: 1266.4

DRY BTU @ 14.730: 1269.3

DRY BTU @ 15.025: 1294.7

CYLINDER #: CHACO 19

CYLINDER PRESSURE: 291 PSIG

DATE RUN: 10/29/14 2:20 PM

ANALYSIS RUN BY: JENNIFER DEAN



WPX ENERGY PRODUCTION, LLC
WELL ANALYSIS COMPARISON

Lease: CHACO 2306-06L #178H
 Stn. No.: 62311104
 Mtr. No.:

10/29/2014
 85500-11115

Smpl Date:	10/28/2014	08/21/2014	08/21/2014	07/02/2014	06/09/2014	04/13/2014	04/17/2014
Test Date:	10/29/2014	08/22/2014	08/22/2014	07/09/2014	06/13/2014	05/06/2014	04/29/2014
Run No:	WP140365	WP140295	WP140294	WP140261	WP140218	WP140137	WP140131
Nitrogen:	4.798	6.110	6.100	6.533	9.472	11.969	12.153
CO2:	0.417	0.403	0.403	0.407	0.363	0.374	0.364
Methane:	70.558	72.212	72.050	72.099	71.611	67.024	67.224
Ethane:	12.576	11.561	11.632	11.479	10.508	10.832	10.650
Propane:	8.050	6.752	6.850	6.648	5.720	6.647	6.394
I-Butane:	0.922	0.728	0.715	0.687	0.572	0.719	0.704
N-Butane:	2.003	1.569	1.550	1.489	1.232	1.589	1.564
I-Pentane:	0.320	0.268	0.285	0.261	0.208	0.300	0.305
N-Pentane:	0.246	0.219	0.241	0.221	0.174	0.259	0.266
Hexane+:	0.110	0.178	0.174	0.176	0.140	0.287	0.376
BTU:	1269.3	1214.6	1217.0	1205.0	1140.8	1155.1	1151.4
GPM:	19.3980	18.9860	19.0060	18.9210	18.4600	18.5950	18.5610
SPG:	0.7758	0.7545	0.7559	0.7529	0.7423	0.7784	0.7778
	04/07/2014	03/30/2014	03/24/2014	03/10/2014			
	04/10/2014	04/08/2014	03/26/2014	03/12/2014			
	WP140120	WP140109	WP140100	WP140083			
	13.016	15.573	17.293	41.278			
	0.373	0.362	0.333	0.276			
	65.334	63.616	56.514	38.385			
	10.841	10.598	10.495	7.528			
	6.966	6.611	8.411	6.572			
	0.774	0.729	1.170	0.964			
	1.728	1.625	2.982	2.539			
	0.333	0.309	0.755	0.673			
	0.291	0.269	0.728	0.651			
	0.344	0.308	1.319	1.134			
	1158.1	1118.7	1240.3	917.9			
	18.6250	18.3690	19.1910	17.0660			
	0.7915	0.7932	0.8896	0.9373			