



API # 30-039-31211

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

Analysis No: WP140363

Cust No: 85500-11180

Well/Lease InformationCustomer Name: WPX ENERGY PRODUCTION, LLC
Well Name: CHACO 2307-12E #169H
County/State:
Location:
Field:
Formation:
Cust. Stn. No.: 62310052Source: SPOT
Pressure: 279 PSIG
Sample Temp: 82 DEG. F
Well Flowing:
Date Sampled: 10/28/2014
Sampled By: RAMSEY HATALIE
Foreman/Engr.: CODY BOYD

OIL CONS. DIV DIST. 3

OCT 29 2014

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	71.615	7.8860	0.00	0.6927
CO2	0.130	0.0220	0.00	0.0020
Methane	18.821	3.1940	190.09	0.1042
Ethane	3.417	0.9150	60.47	0.0355
Propane	3.015	0.8310	75.86	0.0459
Iso-Butane	0.450	0.1470	14.63	0.0090
N-Butane	1.190	0.3760	38.82	0.0239
I-Pentane	0.337	0.1230	13.48	0.0084
N-Pentane	0.330	0.1200	13.23	0.0082
Hexane Plus	0.695	0.3100	36.63	0.0230
Total	100.000	13.9240	443.22	0.9528

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0012

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 444.8

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 437.1

REAL SPECIFIC GRAVITY: 0.9536

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

DRY BTU @ 14.650: 442.4

DRY BTU @ 14.696: 443.8

DRY BTU @ 14.730: 444.8

DRY BTU @ 15.025: 453.7

CYLINDER #: CHACO #5

CYLINDER PRESSURE: 125 PSIG

DATE RUN: 10/29/14 9:24 AM

ANALYSIS RUN BY: JENNIFER DEAN



OIL CONS. DIV DIST. 3

OCT 29 2014

WPX ENERGY PRODUCTION, LLC
WELL ANALYSIS COMPARISON

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

SPOT

10/29/2014
 85500-11180

Smpl Date:	10/28/2014	10/08/2014	10/01/2014	09/30/2014	07/02/2014	06/04/2014	05/27/2014
Test Date:	10/29/2014	10/09/2014	10/02/2014	10/02/2014	07/09/2014	06/11/2014	06/04/2014
Run No:	WP140363	WP140344	WP140329	WP140331	WP140266	WP140199	WP140183
Nitrogen:	71.615	18.706	12.764	6.526	10.410	14.833	20.261
CO2:	0.130	0.367	0.439	0.393	0.348	0.357	0.333
Methane:	18.821	56.954	61.669	65.032	65.162	65.699	59.669
Ethane:	3.417	10.611	10.307	12.017	11.197	10.384	9.913
Propane:	3.015	7.877	8.749	9.027	7.792	6.020	6.394
I-Butane:	0.450	1.014	1.155	1.246	1.001	0.612	0.732
N-Butane:	1.190	2.425	2.933	3.047	2.335	1.273	1.596
I-Pentane:	0.337	0.596	0.591	0.800	0.553	0.243	0.347
N-Pentane:	0.330	0.548	0.505	0.757	0.502	0.213	0.312
Hexane+:	0.695	0.901	0.888	1.155	0.700	0.366	0.443
BTU:	444.8	1173.7	1257.4	1369.4	1248.0	1103.6	1070.3
GPM:	13.9240	18.7640	19.2730	20.0500	19.2230	18.2490	18.0420
SPG:	0.9536	0.8622	0.8538	0.8584	0.8211	0.7756	0.8117
	05/18/2014	05/12/2014					
	05/21/2014	05/21/2014					
	WP140166	WP140165					
	18.086	23.401					
	0.316	0.310					
	54.964	51.353					
	10.473	10.041					
	8.629	8.440					
	1.260	1.194					
	3.138	2.953					
	0.873	0.756					
	0.842	0.712					
	1.419	0.840					
	1252.7	1153.9					
	19.2760	18.6380					
	0.9058	0.8988					