



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

Analysis No: WP140329
Cust No: 85500-11180

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: CHACO 2307-12E #169H
County/State:
Location:
Field:
Formation:
Cust. Str. No.: 62310052

Source:
Pressure: 51 PSIG
Sample Temp: 74 DEG. F
Well Flowing:
Date Sampled: 10/01/2014
Sampled By: JASON LUSK
Foreman/Engr.: CODY BOYD

30-039-31211

RCVD OCT 3 '14
OIL CONS. DIV.
DIST. 3

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	12.764	1.4100	0.00	0.1235
CO2	0.439	0.0750	0.00	0.0067
Methane	61.669	10.4950	622.86	0.3416
Ethane	10.307	2.7670	182.40	0.1070
Propane	8.749	2.4200	220.13	0.1332
Iso-Butane	1.155	0.3790	37.56	0.0232
N-Butane	2.933	0.9280	95.68	0.0589
I-Pentane	0.591	0.2170	23.65	0.0147
N-Pentane	0.505	0.1840	20.24	0.0126
Hexane Plus	0.888	0.3980	46.81	0.0294
Total	100.000	19.2730	1249.33	0.8506

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0041
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1257.4
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1235.5
REAL SPECIFIC GRAVITY: 0.8538

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

DRY BTU @ 14.650: 1250.6
DRY BTU @ 14.696: 1254.5
DRY BTU @ 14.730: 1257.4
DRY BTU @ 15.025: 1282.6

CYLINDER #: RS #1
CYLINDER PRESSURE: 36 PSIG
DATE RUN: 10/2/14 1:56 PM
ANALYSIS RUN BY: JENNIFER DEAN



WPX ENERGY PRODUCTION, LLC
WELL ANALYSIS COMPARISON

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

10/03/2014
85500-11180

Smpl Date:	10/01/2014	07/02/2014	06/04/2014	05/27/2014	05/18/2014	05/12/2014
Test Date:	10/02/2014	07/09/2014	06/11/2014	06/04/2014	05/21/2014	05/21/2014
Run No:	WP140329	WP140266	WP140199	WP140183	WP140166	WP140165
Nitrogen:	12.764	10.410	14.833	20.261	18.086	23.401
CO2:	0.439	0.348	0.357	0.333	0.316	0.310
Methane:	61.669	65.162	65.699	59.669	54.964	51.353
Ethane:	10.307	11.197	10.384	9.913	10.473	10.041
Propane:	8.749	7.792	6.020	6.394	8.629	8.440
I-Butane:	1.155	1.001	0.612	0.732	1.260	1.194
N-Butane:	2.933	2.335	1.273	1.596	3.138	2.953
I-Pentane:	0.591	0.553	0.243	0.347	0.873	0.756
N-Pentane:	0.505	0.502	0.213	0.312	0.842	0.712
Hexane+:	0.888	0.700	0.366	0.443	1.419	0.840
BTU:	1257.4	1248.0	1103.6	1070.3	1252.7	1153.9
GPM:	19.2730	19.2230	18.2490	18.0420	19.2760	18.6380
SPG:	0.8538	0.8211	0.7756	0.8117	0.9058	0.8988