



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

Analysis No: BP140018
Cust No: 12305-11110

30-045-07982

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
Well Name: WHITE GC 1 CSG
County/State:
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.:

Source: CASING
Pressure: 55 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 05/29/2014
Sampled By: R. LEDESMA
Foreman/Engr.: NATE DEAL

OIL CONS. DIV DIST. 3

JUL 29 2014

Remarks: TIME 7:30

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.522	0.0580	0.00	0.0050
CO2	0.996	0.1710	0.00	0.0151
Methane	71.272	12.1410	719.85	0.3948
Ethane	11.224	3.0160	198.63	0.1165
Propane	7.340	2.0320	184.68	0.1118
Iso-Butane	1.272	0.4180	41.36	0.0255
N-Butane	3.500	1.1090	114.18	0.0702
I-Pentane	1.294	0.4760	51.77	0.0322
N-Pentane	1.328	0.4840	53.24	0.0331
Hexane Plus	1.252	0.5610	65.99	0.0414
Total	100.000	20.4660	1429.70	0.8458

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0051
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1440.4
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1415.3
REAL SPECIFIC GRAVITY: 0.8497

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

DRY BTU @ 14.650: 1432.6
DRY BTU @ 14.696: 1437.1
DRY BTU @ 14.730: 1440.4
DRY BTU @ 15.025: 1469.2

CYLINDER #: 1413
CYLINDER PRESSURE: 77 PSIG
DATE RUN: 6/5/14 2:32 PM
ANALYSIS RUN BY: TIMBER EVERETT



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

Analysis No: BP140017
Cust No: 12305-10760

30-045-07982

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
Well Name: WHITE GC 1
County/State:
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.: 52901011

Source: BRADENHEAD
Pressure: 32 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 05/29/2014
Sampled By: R. LEDESMA
Foreman/Engr.: NATE DEAL

OIL CONS. DIV DIST. 3

JUL 29 2014

Remarks: TIME 7:30

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.616	0.1780	0.00	0.0156
CO2	0.060	0.0100	0.00	0.0009
Methane	95.394	16.2050	963.48	0.5284
Ethane	1.613	0.4320	28.54	0.0167
Propane	0.360	0.0990	9.06	0.0055
Iso-Butane	0.118	0.0390	3.84	0.0024
N-Butane	0.132	0.0420	4.31	0.0026
I-Pentane	0.068	0.0250	2.72	0.0017
N-Pentane	0.066	0.0240	2.65	0.0016
Hexane Plus	0.573	0.2560	30.20	0.0190
Total	100.000	17.3100	1044.80	0.5945

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0023

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1049.6

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1031.3

REAL SPECIFIC GRAVITY: 0.5956

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

DRY BTU @ 14.650: 1043.9

DRY BTU @ 14.696: 1047.2

DRY BTU @ 14.730: 1049.6

DRY BTU @ 15.025: 1070.6

CYLINDER #: 1447

CYLINDER PRESSURE: 32 PSIG

DATE RUN: 6/5/14 2:31 PM

ANALYSIS RUN BY: TIMBER EVERETT



BP AMERICA/FARMINGTON
WELL ANALYSIS COMPARISON

Lease: WHITE GC 1
Stn. No.: 52901011
Mtr. No.:

BRADENHEAD
DAKOTA

06/05/2014
12305-10760

Smpl Date:	05/29/2014	07/29/2013
Test Date:	06/05/2014	08/01/2013
Run No:	BP140017	BP130039
Nitrogen:	1.616	1.458
CO2:	0.060	0.002
Methane:	95.394	97.050
Ethane:	1.613	1.242
Propane:	0.360	0.116
I-Butane:	0.118	0.040
N-Butane:	0.132	0.006
I-Pentane:	0.068	0.006
N-Pentane:	0.066	0.003
Hexane+:	0.573	0.077
BTU:	1049.6	1015.4
GPM:	17.3100	17.0600
SPG:	0.5956	0.5710