



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

Analysis No: BP130035
 Cust No: 12305-10740

30-045-07910

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
 Well Name: GCU 123 FT
 County/State: 173
 Location:
 Field:
 Formation: FRUITLAND COAL
 Cust. Str. No.: 73933

Source: BRADENHEAD
 Pressure: 180 PSIG
 Sample Temp: DEG. F
 Well Flowing: N/A
 Date Sampled: 07/26/2013
 Sampled By: R. LEDESMA
 Foreman/Engr.: NATE DEAL

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.339	0.0370	0.00	0.0033
CO2	0.004	0.0010	0.00	0.0001
Methane	90.412	15.3640	913.16	0.5008
Ethane	5.773	1.5480	102.16	0.0599
Propane	2.209	0.6100	55.58	0.0336
Iso-Butane	0.412	0.1350	13.40	0.0083
N-Butane	0.470	0.1490	15.33	0.0094
I-Pentane	0.147	0.0540	5.88	0.0037
N-Pentane	0.094	0.0340	3.77	0.0023
Hexane Plus	0.140	0.0630	7.38	0.0046
Total	100.000	17.9950	1116.67	0.6260

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0026
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1122.2
 BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1102.7
 REAL SPECIFIC GRAVITY: 0.6274

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

DRY BTU @ 14.650: 1116.1
 DRY BTU @ 14.696: 1119.6
 DRY BTU @ 14.730: 1122.2
 DRY BTU @ 15.025: 1144.7

CYLINDER #: 1476
 CYLINDER PRESSURE: 162 PSIG
 DATE RUN: 7/31/13 10:22 AM
 ANALYSIS RUN BY: DAWN BLASSINGAME