



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

Analysis No: BP130012
Cust No: 12305-10625

30-045-24177

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
Well Name: GCU 93E
County/State:
Location:
Field:
Formation: DAKOTA
Cust. Strn. No.: 93943

Source: BRADENHEAD
Pressure: 105 PSIG
Sample Temp: DEG. F
Well Flowing: N/A
Date Sampled: 07/03/2013
Sampled By: R. LEDESMA
Foreman/Engr.: NATHAN DEAL

Remarks: SAMPLED AT 1:30

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.288	0.0320	0.00	0.0028
CO2	0.006	0.0010	0.00	0.0001
Methane	89.183	15.1580	900.75	0.4940
Ethane	6.289	1.6860	111.30	0.0653
Propane	2.504	0.6920	63.00	0.0381
Iso-Butane	0.480	0.1570	15.61	0.0096
N-Butane	0.602	0.1900	19.64	0.0121
I-Pentane	0.230	0.0840	9.20	0.0057
N-Pentane	0.121	0.0440	4.85	0.0030
Hexane Plus	0.297	0.1330	15.66	0.0098
Total	100.000	18.1770	1140.00	0.6406

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0028
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1145.8
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1125.9
REAL SPECIFIC GRAVITY: 0.6421

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

DRY BTU @ 14.650: 1139.6
DRY BTU @ 14.696: 1143.2
DRY BTU @ 14.730: 1145.8
DRY BTU @ 15.025: 1168.7

CYLINDER #: 1338
CYLINDER PRESSURE: 88 PSIG
DATE RUN: 7/5/13 7:52 AM
ANALYSIS RUN BY: LOGAN CHENEY