



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

Analysis No: BP130037
Cust No: 12305-10750

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
Well Name: GCU 188E
County/State:
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.: 52993296

Source: BRADENHEAD
Pressure: 150 PSIG
Sample Temp: DEG. F
Well Flowing: N/A
Date Sampled: 07/29/2013
Sampled By: R. LEDESMA
Foreman/Engr.: NATE DEAL

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.240	0.0260	0.00	0.0023
CO2	0.003	0.0010	0.00	0.0000
Methane	89.098	15.1430	899.89	0.4935
Ethane	6.483	1.7380	114.73	0.0673
Propane	2.504	0.6920	63.00	0.0381
Iso-Butane	0.439	0.1440	14.28	0.0088
N-Butane	0.601	0.1900	19.61	0.0121
I-Pentane	0.207	0.0760	8.28	0.0052
N-Pentane	0.146	0.0530	5.85	0.0036
Hexane Plus	0.279	0.1250	14.71	0.0092
Total	100.000	18.1880	1140.35	0.6402

* @ 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): 1146.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1126.3
REAL SPECIFIC GRAVITY: 0.6417

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

DRY BTU @ 14.650: 1140.0
DRY BTU @ 14.696: 1143.6
DRY BTU @ 14.730: 1146.2
DRY BTU @ 15.025: 1169.2

CYLINDER #: 1274
CYLINDER PRESSURE: 121 PSIG
DATE RUN: 7/31/13 10:24 AM
ANALYSIS RUN BY: DAWN BLASSINGAME