



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

Analysis No: BP130015
Cust No: 12305-10640

30-045-24175

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
Well Name: GCU 170E
County/State:
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.: 93542

Source: BRADENHEAD
Pressure: 110 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 12:30

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.380	0.0420	0.00	0.0037
CO2	0.007	0.0010	0.00	0.0001
Methane	89.736	15.2500	906.33	0.4970
Ethane	6.179	1.6570	109.35	0.0642
Propane	2.298	0.6350	57.82	0.0350
Iso-Butane	0.409	0.1340	13.30	0.0082
N-Butane	0.480	0.1520	15.66	0.0096
I-Pentane	0.170	0.0620	6.80	0.0042
N-Pentane	0.107	0.0390	4.29	0.0027
Hexane Plus	0.234	0.1050	12.33	0.0077
Total	100.000	18.0770	1125.89	0.6325

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0027
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1131.5
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1111.8
REAL SPECIFIC GRAVITY: 0.6339

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

DRY BTU @ 14.650: 1125.4
DRY BTU @ 14.696: 1128.9
DRY BTU @ 14.730: 1131.5
DRY BTU @ 15.025: 1154.2

CYLINDER #: 1438
CYLINDER PRESSURE: 97 PSIG
DATE RUN: 7/5/13 7:57 AM
ANALYSIS RUN BY: PATRICIA KING