



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

Analysis No: BP130042
Cust No: 12305-10775

30-045-32735

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
Well Name: MUDGE GC B 1M
County/State:
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.: 86706

Source: INTERMEDIATE
Pressure: 490 PSIG
Sample Temp: DEG. F
Well Flowing: N/A
Date Sampled: 07/31/2013
Sampled By: R. LEDESMA
Foreman/Engr.: NATE DEAL

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.309	0.0340	0.00	0.0030
CO2	0.183	0.0310	0.00	0.0028
Methane	83.012	14.1140	838.42	0.4598
Ethane	9.904	2.6560	175.27	0.1028
Propane	4.426	1.2230	111.36	0.0674
Iso-Butane	0.604	0.1980	19.64	0.0121
N-Butane	0.964	0.3050	31.45	0.0193
I-Pentane	0.249	0.0910	9.96	0.0062
N-Pentane	0.174	0.0630	6.98	0.0043
Hexane Plus	0.175	0.0780	9.22	0.0058
Total	100.000	18.7930	1202.31	0.6836

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0032
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1209.0
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1188.0
REAL SPECIFIC GRAVITY: 0.6855

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

DRY BTU @ 14.650: 1202.4
DRY BTU @ 14.696: 1206.2
DRY BTU @ 14.730: 1209.0
DRY BTU @ 15.025: 1233.2

CYLINDER #: 1366
CYLINDER PRESSURE: 490 PSIG
DATE RUN: 8/5/13 8:41 AM
ANALYSIS RUN BY: PATRICIA KING