



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

Analysis No: BP130055
Cust No: 12305-10835

30-045-07938

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
Well Name: HUGHES 1
County/State:
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.:

Source: BRADENHEAD
Pressure: 170 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 08/15/2013
Sampled By: R.LEDESMA
Foreman/Engr.: NATHAN DEAL

OIL CONS. DIV DIST. 3
DEC 10 2013

Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.203	0.0220	0.00	0.0020
CO2	1.130	0.1930	0.00	0.0172
Methane	85.093	14.4670	859.44	0.4713
Ethane	8.410	2.2560	148.83	0.0873
Propane	2.774	0.7660	69.80	0.0422
Iso-Butane	0.688	0.2260	22.37	0.0138
N-Butane	0.721	0.2280	23.52	0.0145
I-Pentane	0.404	0.1480	16.16	0.0101
N-Pentane	0.212	0.0770	8.50	0.0053
Hexane Plus	0.365	0.1630	19.24	0.0121
Total	100.000	18.5460	1167.86	0.6757

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0031

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1174.2

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1153.8

REAL SPECIFIC GRAVITY: 0.6775

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

DRY BTU @ 14.650: 1167.8

DRY BTU @ 14.696: 1171.5

DRY BTU @ 14.730: 1174.2

DRY BTU @ 15.025: 1197.7

CYLINDER #: 1462

CYLINDER PRESSURE: 138 PSIG

DATE RUN: 8/20/13 10:57 AM

ANALYSIS RUN BY: PATRICIA KING