



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

Analysis No: BP130095
Cust No: 12305-11035

30-045-07938

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
Well Name: HUGHES 1
County/State:
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.: 71750

Source: CASING
Pressure: 100 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 09/30/2013
Sampled By: R. LEDESMA
Foreman/Engr.: NATE DEAL

OIL CONS. DIV DIST. 3

DEC 10 2013

Remarks: TIME 11:00

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.144	0.0160	0.00	0.0014
CO2	1.251	0.2140	0.00	0.0190
Methane	84.893	14.4330	857.42	0.4702
Ethane	8.598	2.3060	152.16	0.0893
Propane	2.763	0.7630	69.52	0.0421
Iso-Butane	0.672	0.2210	21.85	0.0135
N-Butane	0.703	0.2220	22.93	0.0141
I-Pentane	0.390	0.1430	15.60	0.0097
N-Pentane	0.204	0.0740	8.18	0.0051
Hexane Plus	0.382	0.1710	20.14	0.0126
Total	100.000	18.5630	1167.80	0.6770

* @ 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): 1174.1

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1153.7

REAL SPECIFIC GRAVITY: 0.6788

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

DRY BTU @ 14.650: 1167.7

DRY BTU @ 14.696: 1171.4

DRY BTU @ 14.730: 1174.1

DRY BTU @ 15.025: 1197.6

CYLINDER #: 1074

CYLINDER PRESSURE: 148 PSIG

DATE RUN: 10/9/13 11:43 AM

ANALYSIS RUN BY: PATRICIA KING