



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

Analysis No: BP130052
Cust No: 12305-10825

30-045-32499

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
Well Name: MANSFIELD 1N
County/State:
Location:
Field:
Formation: MV
Cust. Stn. No.: 85817

Source: BRADENHEAD
Pressure: 80 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 08/08/2013
Sampled By: R. LEDESMA
Foreman/Engr.: NATE DEAL

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.913	0.1010	0.00	0.0088
CO2	0.005	0.0010	0.00	0.0001
Methane	91.733	15.5860	926.50	0.5081
Ethane	4.618	1.2380	81.72	0.0479
Propane	1.652	0.4560	41.57	0.0252
Iso-Butane	0.447	0.1470	14.54	0.0090
N-Butane	0.303	0.0960	9.88	0.0061
I-Pentane	0.128	0.0470	5.12	0.0032
N-Pentane	0.067	0.0240	2.69	0.0017
Hexane Plus	0.134	0.0600	7.06	0.0044
Total	100.000	17.7560	1089.09	0.6145

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0025
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1094.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1075.3
REAL SPECIFIC GRAVITY: 0.6157

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

DRY BTU @ 14.650: 1088.4
DRY BTU @ 14.696: 1091.8
DRY BTU @ 14.730: 1094.3
DRY BTU @ 15.025: 1116.2

CYLINDER #: 1313
CYLINDER PRESSURE: 74 PSIG
DATE RUN: 8/9/13 1:01 PM
ANALYSIS RUN BY: BRANDY MEDFORD



BP AMERICA/FARMINGTON
WELL ANALYSIS COMPARISON

Lease: MANSFIELD 1N
Stn. No.: 85817
Mtr. No.:

BRADENHEAD
MV

08/12/2013
12305-10825

Smpl Date: 08/08/2013
Test Date: 08/09/2013
Run No: BP130052

Nitrogen: 0.913
CO2: 0.005
Methane: 91.733
Ethane: 4.618
Propane: 1.652
I-Butane: 0.447
N-Butane: 0.303
I-Pentane: 0.128
N-Pentane: 0.067
Hexane+: 0.134

BTU: 1094.3
GPM: 17.7560
SPG: 0.6157