



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

Analysis No: BP130098
Cust No: 12305-11050

30-045-32499

Well/Lease Information

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

Source: CASING
Pressure: 90 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 9:30

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.197	0.0220	0.00	0.0019
CO2	1.568	0.2680	0.00	0.0238
Methane	88.747	15.0850	896.34	0.4916
Ethane	5.688	1.5250	100.66	0.0591
Propane	1.622	0.4480	40.81	0.0247
Iso-Butane	0.441	0.1450	14.34	0.0088
N-Butane	0.417	0.1320	13.60	0.0084
I-Pentane	0.277	0.1020	11.08	0.0069
N-Pentane	0.167	0.0610	6.69	0.0042
Hexane Plus	0.876	0.3920	46.17	0.0290
Total	100.000	18.1800	1129.71	0.6583

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0029
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1135.6
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1115.8
REAL SPECIFIC GRAVITY: 0.66

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

DRY BTU @ 14.650: 1129.4
DRY BTU @ 14.696: 1133.0
DRY BTU @ 14.730: 1135.6
DRY BTU @ 15.025: 1158.3

CYLINDER #: 1354
CYLINDER PRESSURE: 106 PSIG
DATE RUN: 10/9/13 11:46 AM
ANALYSIS RUN BY: PATRICIA KING