



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

Analysis No: BP130090
Cust No: 12305-11010

30-045-07369

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
Well Name: GCU 168
County/State:
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.: 73870

Source: CASING
Pressure: 120 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 10/01/2013
Sampled By: R. LEDESMA
Foreman/Engr.: NATE DEAL

OIL CONS. DIV DIST. 3

DEC 10 2013

Remarks: TIME 10:30

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.609	0.0670	0.00	0.0059
CO2	1.040	0.1780	0.00	0.0158
Methane	79.205	13.4740	799.97	0.4387
Ethane	10.453	2.8050	184.99	0.1085
Propane	4.941	1.3660	124.32	0.0752
Iso-Butane	0.767	0.2520	24.94	0.0154
N-Butane	1.449	0.4580	47.27	0.0291
I-Pentane	0.480	0.1760	19.20	0.0120
N-Pentane	0.399	0.1450	15.99	0.0099
Hexane Plus	0.657	0.2940	34.63	0.0217
Total	100.000	19.2150	1251.32	0.7323

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0037
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1258.9
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1237.0
REAL SPECIFIC GRAVITY: 0.7347

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

DRY BTU @ 14.650: 1252.1
DRY BTU @ 14.696: 1256.0
DRY BTU @ 14.730: 1258.9
DRY BTU @ 15.025: 1284.1

CYLINDER #: 1458
CYLINDER PRESSURE: 176 PSIG
DATE RUN: 10/9/13 11:26 AM
ANALYSIS RUN BY: PATRICIA KING