



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

Analysis No: BP130080
Cust No: 12305-10960

30-045-24428

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
Well Name: GCU #185E
County/State:
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.: 94434

Source: CASING
Pressure: 50 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 09/27/2013
Sampled By: R. LADESMA
Foreman/Engr.: NATE DEAL

OIL CONS. DIV DIST. 3
DEC 10 2013

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.904	0.1000	0.00	0.0087
CO2	0.603	0.1030	0.00	0.0092
Methane	83.869	14.2600	847.08	0.4646
Ethane	8.482	2.2750	150.11	0.0881
Propane	3.204	0.8850	80.62	0.0488
Iso-Butane	0.533	0.1750	17.33	0.0107
N-Butane	0.909	0.2870	29.65	0.0182
I-Pentane	0.353	0.1290	14.12	0.0088
N-Pentane	0.289	0.1050	11.59	0.0072
Hexane Plus	0.854	0.3820	45.01	0.0283
Total	100.000	18.7010	1195.51	0.6925

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0032
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1202.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1181.2
REAL SPECIFIC GRAVITY: 0.6944

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

DRY BTU @ 14.650: 1195.6
DRY BTU @ 14.696: 1199.3
DRY BTU @ 14.730: 1202.1
DRY BTU @ 15.025: 1226.2

CYLINDER #: 1133
CYLINDER PRESSURE: 67 PSIG
DATE RUN: 10/7/13 9:00 AM
ANALYSIS RUN BY: LOGAN CHENEY