



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

Analysis No: BP130077
Cust No: 12305-10945

30-045-11686

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
Well Name: GCU 233
County/State:
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.: 75397

OIL CONS. DIV DIST. 3

DEC 10 2013

Source: CASING
Pressure: 30 PSIG
Sample Temp: DEG. F
Well Flowing: N/A
Date Sampled: 09/24/2013
Sampled By: R. LEDESMA
Foreman/Engr.: NATE DEAL

Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.178	0.0200	0.00	0.0017
CO2	2.919	0.5000	0.00	0.0444
Methane	86.095	14.6370	869.56	0.4769
Ethane	6.540	1.7540	115.74	0.0679
Propane	1.825	0.5040	45.92	0.0278
Iso-Butane	0.407	0.1340	13.24	0.0082
N-Butane	0.557	0.1760	18.17	0.0112
I-Pentane	0.280	0.1030	11.20	0.0070
N-Pentane	0.206	0.0750	8.26	0.0051
Hexane Plus	0.993	0.4440	52.34	0.0329
Total	100.000	18.3470	1134.43	0.6830

* @ 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): 1140.5
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1120.7
REAL SPECIFIC GRAVITY: 0.6847

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

DRY BTU @ 14.650: 1134.3
DRY BTU @ 14.696: 1137.9
DRY BTU @ 14.730: 1140.5
DRY BTU @ 15.025: 1163.3

CYLINDER #: 1237
CYLINDER PRESSURE: 17 PSIG
DATE RUN: 10/1/13 2:21 PM
ANALYSIS RUN BY: AMANDA ARMENTA