



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

Analysis No: BP130093  
Cust No: 12305-11025

30-045-11622

### Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON  
Well Name: GCU 215  
County/State:  
Location:  
Field:  
Formation: DAKOTA  
Cust. Str. No.:

Source: CASING  
Pressure: 100 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

Remarks: TIME 9:00

DEC 10 2013

### Analysis

| Component:: | Mole%:  | **GPM:  | *BTU:   | *SP Gravity: |
|-------------|---------|---------|---------|--------------|
| Nitrogen    | 0.559   | 0.0620  | 0.00    | 0.0054       |
| CO2         | 0.477   | 0.0820  | 0.00    | 0.0072       |
| Methane     | 82.612  | 14.0480 | 834.38  | 0.4576       |
| Ethane      | 8.979   | 2.4090  | 158.90  | 0.0932       |
| Propane     | 4.423   | 1.2220  | 111.29  | 0.0673       |
| Iso-Butane  | 0.742   | 0.2440  | 24.13   | 0.0149       |
| N-Butane    | 1.366   | 0.4320  | 44.56   | 0.0274       |
| I-Pentane   | 0.391   | 0.1430  | 15.64   | 0.0097       |
| N-Pentane   | 0.286   | 0.1040  | 11.46   | 0.0071       |
| Hexane Plus | 0.165   | 0.0740  | 8.70    | 0.0055       |
| Total       | 100.000 | 18.8200 | 1209.07 | 0.6954       |

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

\*\*@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0033

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1215.9

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1194.7

REAL SPECIFIC GRAVITY: 0.6975

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

DRY BTU @ 14.650: 1209.3

DRY BTU @ 14.696: 1213.1

DRY BTU @ 14.730: 1215.9

DRY BTU @ 15.025: 1240.3

CYLINDER #: 1491

CYLINDER PRESSURE: 20 PSIG

DATE RUN: 10/9/13 11:33 AM

ANALYSIS RUN BY: PATRICIA KING