



30-045-11626

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

Analysis No: BP130076  
Cust No: 12305-10940

### Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON  
Well Name: GCU 229  
County/State:  
Location:  
Field:  
Formation: DAKOTA  
Cust. Strn. No.: 75362

OIL CONS. DIV DIST. 3

DEC 10 2013

Source: CASING  
Pressure: 40 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    | 0.604   | 0.0670  | 0.00    | 0.0058       |
| CO2         | 1.184   | 0.2030  | 0.00    | 0.0180       |
| Methane     | 78.607  | 13.3740 | 793.93  | 0.4354       |
| Ethane      | 10.774  | 2.8920  | 190.67  | 0.1119       |
| Propane     | 4.812   | 1.3300  | 121.07  | 0.0733       |
| Iso-Butane  | 0.764   | 0.2510  | 24.84   | 0.0153       |
| N-Butane    | 1.321   | 0.4180  | 43.09   | 0.0265       |
| I-Pentane   | 0.475   | 0.1740  | 19.00   | 0.0118       |
| N-Pentane   | 0.375   | 0.1360  | 15.03   | 0.0093       |
| Hexane Plus | 1.084   | 0.4850  | 57.14   | 0.0359       |
| Total       | 100.000 | 19.3300 | 1264.79 | 0.7432       |

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/Z): 1.0038

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1272.5

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1250.4

REAL SPECIFIC GRAVITY: 0.7458

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

DRY BTU @ 14.650: 1265.6

DRY BTU @ 14.696: 1269.6

DRY BTU @ 14.730: 1272.5

DRY BTU @ 15.025: 1298.0

CYLINDER #: 1250

CYLINDER PRESSURE: 95 PSIG

DATE RUN: 10/1/13 2:15 PM

ANALYSIS RUN BY: AMANDA ARMENTA