



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

Analysis No: BP130026  
Cust No: 12305-10695

### Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON  
Well Name: GCU COM F 162E  
County/State:  
Location:  
Field:  
Formation: DK  
Cust. Stn. No.: 03905

Source: BRADENHEAD  
Pressure: 180 PSIG  
Sample Temp: DEG. F  
Well Flowing:  
Date Sampled: 07/16/2013  
Sampled By: R. LEDESMA  
Foreman/Engr.: NATHAN DEAL

Remarks:

### Analysis

| Component:: | Mole%:  | **GPM:  | *BTU:   | *SP Gravity: |
|-------------|---------|---------|---------|--------------|
| Nitrogen    | 0.242   | 0.0270  | 0.00    | 0.0023       |
| CO2         | 0.003   | 0.0010  | 0.00    | 0.0000       |
| Methane     | 87.738  | 14.9140 | 886.15  | 0.4860       |
| Ethane      | 7.193   | 1.9290  | 127.29  | 0.0747       |
| Propane     | 2.858   | 0.7890  | 71.91   | 0.0435       |
| Iso-Butane  | 0.497   | 0.1630  | 16.16   | 0.0100       |
| N-Butane    | 0.733   | 0.2320  | 23.91   | 0.0147       |
| I-Pentane   | 0.249   | 0.0910  | 9.96    | 0.0062       |
| N-Pentane   | 0.178   | 0.0650  | 7.14    | 0.0044       |
| Hexane Plus | 0.309   | 0.1380  | 16.29   | 0.0102       |
| Total       | 100.000 | 18.3490 | 1158.82 | 0.6521       |

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/Z): 1.0029  
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1164.9  
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1144.6  
REAL SPECIFIC GRAVITY: 0.6537

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

DRY BTU @ 14.650: 1158.6  
DRY BTU @ 14.696: 1162.2  
DRY BTU @ 14.730: 1164.9  
DRY BTU @ 15.025: 1188.2

CYLINDER #: 1403  
CYLINDER PRESSURE: 156 PSIG  
DATE RUN: 7/17/13 3:46 PM  
ANALYSIS RUN BY: PATRICIA KING