



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

Analysis No: BP130065

Cust No: 12305-10885

30-045-24556

### Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON

Well Name: GCU COM G 179E

County/State:

Location:

Field:

Formation: DAKOTA

Cust. Stn. No.: 52903906

OIL CONS. DIV DIST. 3

DEC 10 2013

Source: CASING

Pressure: 45 PSIG

Sample Temp: DEG. F

Well Flowing: N/A

Date Sampled: 09/23/2013

Sampled By: R. LEDESMA

Foreman/Engr.: NATE DEAL

Remarks:

### Analysis

| Component:: | Mole%:  | **GPM:  | *BTU:   | *SP Gravity: |
|-------------|---------|---------|---------|--------------|
| Nitrogen    | 0.571   | 0.0630  | 0.00    | 0.0055       |
| CO2         | 1.120   | 0.1920  | 0.00    | 0.0170       |
| Methane     | 80.380  | 13.6740 | 811.84  | 0.4452       |
| Ethane      | 9.447   | 2.5350  | 167.18  | 0.0981       |
| Propane     | 4.366   | 1.2070  | 109.85  | 0.0665       |
| Iso-Butane  | 0.725   | 0.2380  | 23.58   | 0.0145       |
| N-Butane    | 1.283   | 0.4060  | 41.86   | 0.0257       |
| I-Pentane   | 0.428   | 0.1570  | 17.12   | 0.0107       |
| N-Pentane   | 0.383   | 0.1390  | 15.35   | 0.0095       |
| Hexane Plus | 1.297   | 0.5800  | 68.37   | 0.0429       |
| Total       | 100.000 | 19.1910 | 1255.15 | 0.7357       |

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/Z): 1.0037

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1262.7

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1240.7

REAL SPECIFIC GRAVITY: 0.7382

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

DRY BTU @ 14.650: 1255.8

DRY BTU @ 14.696: 1259.8

DRY BTU @ 14.730: 1262.7

DRY BTU @ 15.025: 1288.0

CYLINDER #: 1340

CYLINDER PRESSURE: 41 PSIG

DATE RUN: 9/30/13 1:54 PM

ANALYSIS RUN BY: PATRICIA KING