



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

Analysis No: BP140002  
Cust No: 12305-11080

30-045-20585

### Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON  
Well Name: IRVIN COM 1  
County/State:  
Location:  
Field:  
Formation:  
Cust. Stn. No.:

Source: CASING  
Pressure: 400. PSIG  
Sample Temp: DEG. F  
Well Flowing:  
Date Sampled: 12/19/2013  
Sampled By: R. LEDESMA  
Foreman/Engr.: NATE DEAL

Remarks:

### Analysis

| Component:  | Mole%:  | **GPM:  | *BTU:   | *SP Gravity: |
|-------------|---------|---------|---------|--------------|
| Nitrogen    | 0.495   | 0.0550  | 0.00    | 0.0048       |
| CO2         | 1.085   | 0.1860  | 0.00    | 0.0165       |
| Methane     | 82.151  | 13.9690 | 829.73  | 0.4550       |
| Ethane      | 9.425   | 2.5280  | 166.79  | 0.0979       |
| Propane     | 3.947   | 1.0910  | 99.31   | 0.0601       |
| Iso-Butane  | 0.588   | 0.1930  | 19.12   | 0.0118       |
| N-Butane    | 1.155   | 0.3650  | 37.68   | 0.0232       |
| I-Pentane   | 0.371   | 0.1360  | 14.84   | 0.0092       |
| N-Pentane   | 0.325   | 0.1180  | 13.03   | 0.0081       |
| Hexane Plus | 0.458   | 0.2050  | 24.14   | 0.0152       |
| Total       | 100.000 | 18.8460 | 1204.64 | 0.7017       |

\* @ 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): 1211.4  
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1190.3  
REAL SPECIFIC GRAVITY: 0.7038

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

DRY BTU @ 14.650: 1204.8  
DRY BTU @ 14.696: 1208.6  
DRY BTU @ 14.730: 1211.4  
DRY BTU @ 15.025: 1235.7

CYLINDER #: 1392  
CYLINDER PRESSURE: 408.0 PSIG  
DATE RUN: 1/15/14 9:15 AM  
ANALYSIS RUN BY: DAWN BLASSINGAME