



MAY 01 2015

OIL CONS. DIV DIST. 3

MAY 11 2015

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

Analysis No: BK150001  
Cust No: 16000-10065

API # 30-045-06455

### Well/Lease Information

Customer Name: BRECK OPERATING CORP.  
Well Name: GENTLE B #1 BHD 3004506455  
County/State: SAN JUAN NM  
Location:  
Field:  
Formation: PICTURED CLIFFS  
Cust. Stn. No.:

Source: BRADENHEAD  
Pressure: 6 PSIG  
Sample Temp: DEG. F  
Well Flowing: N  
Date Sampled: 04/14/2015  
Sampled By: MIKE WAGONER  
Foreman/Engr.: MIKE COLEY

Remarks:

### Analysis

| Component:: | Mole%:  | **GPM:  | *BTU:   | *SP Gravity: |
|-------------|---------|---------|---------|--------------|
| Nitrogen    | 0.419   | 0.0460  | 0.00    | 0.0041       |
| CO2         | 0.054   | 0.0090  | 0.00    | 0.0008       |
| Methane     | 89.020  | 15.1310 | 899.10  | 0.4931       |
| Ethane      | 5.295   | 1.4200  | 93.71   | 0.0550       |
| Propane     | 2.854   | 0.7880  | 71.81   | 0.0435       |
| Iso-Butane  | 0.609   | 0.2000  | 19.80   | 0.0122       |
| N-Butane    | 0.738   | 0.2330  | 24.08   | 0.0148       |
| I-Pentane   | 0.298   | 0.1090  | 11.92   | 0.0074       |
| N-Pentane   | 0.192   | 0.0700  | 7.70    | 0.0048       |
| Hexane Plus | 0.521   | 0.2330  | 27.46   | 0.0172       |
| Total       | 100.000 | 18.2390 | 1155.58 | 0.6529       |

\* @ 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): 1161.6

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1141.4

REAL SPECIFIC GRAVITY: 0.6545

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

DRY BTU @ 14.650: 1155.3

DRY BTU @ 14.696: 1158.9

DRY BTU @ 14.730: 1161.6

DRY BTU @ 15.025: 1184.9

CYLINDER #: 4229

CYLINDER PRESSURE: PSIG

DATE RUN: 4/24/15 8:28 AM

ANALYSIS RUN BY: PATRICIA KING

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*He to 30<sup>th</sup>*  
☐ Helium ☐ Hydrogen ☐ Oxygen  
☐ C6+ ☐ C9+ ☐ BTEX

2030 Afton Place, Farmington, NM 87401 • 505/325-6622

Company *Black Operating* Pressure (PSIG) *6<sup>th</sup>*

Well Name *Gentle B #1* Sample Temp (Deg. F) \_\_\_\_\_

Location/Source *Brakehead* Well Flowing ☐ Yes ☒ No

Lease/County *ST* Date Sampled *4-14-15*

Formation *PC* Sampled By *Mike Wagner*

Meter No \_\_\_\_\_ Cylinder No. *4229*

Contact *Mike Coley*

Remarks \_\_\_\_\_