



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

Analysis No: BP130091
Cust No: 12305-11015

30-045-24175

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
Well Name: GCU #170E
County/State:
Location:
Field:
Formation: DAKOTA
Cust. Str. No.:

Source: CASING
Pressure: 60 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 10/01/2013
Sampled By: R. LEDESMA
Foreman/Engr.: NATE DEAL

OIL CONS. DIV DIST. 3

Remarks: TIME 11:40

DEC 10 2013

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.849	0.0940	0.00	0.0082
CO2	0.027	0.0050	0.00	0.0004
Methane	82.248	13.9940	830.70	0.4556
Ethane	7.351	1.9730	130.09	0.0763
Propane	4.115	1.1380	103.54	0.0627
Iso-Butane	0.686	0.2250	22.31	0.0138
N-Butane	1.508	0.4770	49.20	0.0303
I-Pentane	0.664	0.2440	26.57	0.0165
N-Pentane	0.665	0.2420	26.66	0.0166
Hexane Plus	1.887	0.8450	99.47	0.0625
Total	100.000	19.2370	1288.53	0.7427

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0039

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1296.6

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1274.0

REAL SPECIFIC GRAVITY: 0.7454

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

DRY BTU @ 14.650: 1289.6

DRY BTU @ 14.696: 1293.6

DRY BTU @ 14.730: 1296.6

DRY BTU @ 15.025: 1322.6

CYLINDER #: 1287

CYLINDER PRESSURE: 52 PSIG

DATE RUN: 10/9/13 11:28 AM

ANALYSIS RUN BY: PATRICIA KING