



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

Analysis No: BP130060
Cust No: 12305-10860

30-045-23905

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
Well Name: GCU 110E
County/State:
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.: 52900019

OIL CONS. DIV DIST. 3

DEC 10 2013

Source: CASING
Pressure: 140 PSIG
Sample Temp: DEG. F
Well Flowing: N/A
Date Sampled: 09/23/2013
Sampled By: R. LEDESMA
Foreman/Engr.: NATE DEAL

Remarks: PRESSURED WITH HELIUM TO 30 LBS.

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	16.613	1.8330	0.00	0.1607
CO2	0.938	0.1610	0.00	0.0143
Methane	63.329	10.7690	639.62	0.3508
Ethane	9.071	2.4330	160.53	0.0942
Propane	5.514	1.5240	138.74	0.0840
Iso-Butane	0.852	0.2800	27.71	0.0171
N-Butane	1.817	0.5750	59.28	0.0365
I-Pentane	0.547	0.2010	21.88	0.0136
N-Pentane	0.499	0.1810	20.00	0.0124
Hexane Plus	0.820	0.3670	43.22	0.0271
Total	100.000	18.3240	1110.98	0.8106

* @ 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): 1117.2

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1097.8

REAL SPECIFIC GRAVITY: 0.813

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

DRY BTU @ 14.650: 1111.1

DRY BTU @ 14.696: 1114.6

DRY BTU @ 14.730: 1117.2

DRY BTU @ 15.025: 1139.6

CYLINDER #: 1511

CYLINDER PRESSURE: PSIG

DATE RUN: 9/30/13 1:43 PM

ANALYSIS RUN BY: PATRICIA KING