



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

Analysis No: BP130061
Cust No: 12305-10865

30-045-25234

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
Well Name: GCU 133E
County/State:
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.: 52900026

OIL CONS. DIV DIST. 3

DEC 10 2013

Source: CASING
Pressure: 160 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	0.331	0.0370	0.00	0.0032
CO2	0.829	0.1420	0.00	0.0126
Methane	83.551	14.2060	843.87	0.4628
Ethane	8.651	2.3200	153.10	0.0898
Propane	4.004	1.1060	100.74	0.0610
Iso-Butane	0.557	0.1830	18.11	0.0112
N-Butane	1.146	0.3620	37.39	0.0230
I-Pentane	0.304	0.1120	12.16	0.0076
N-Pentane	0.262	0.0950	10.50	0.0065
Hexane Plus	0.365	0.1630	19.24	0.0121
Total	100.000	18.7260	1195.11	0.6897

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0032
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1201.7
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1180.8
REAL SPECIFIC GRAVITY: 0.6917

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

DRY BTU @ 14.650: 1195.2
DRY BTU @ 14.696: 1198.9
DRY BTU @ 14.730: 1201.7
DRY BTU @ 15.025: 1225.8

CYLINDER #: 1469
CYLINDER PRESSURE: 171 PSIG
DATE RUN: 9/30/13 1:45 PM
ANALYSIS RUN BY: PATRICIA KING