



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

Analysis No: BP130094
Cust No: 12305-11030

30-045-24948

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
Well Name: GCU 226E
County/State:
Location:
Field:
Formation: DAKOTA
Cust. Str. No.:

Source: CASING
Pressure: 110 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

DEC 10 2013

Remarks: TIME 9:30

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.515	0.0570	0.00	0.0050
CO2	1.066	0.1830	0.00	0.0162
Methane	76.763	13.0600	775.31	0.4252
Ethane	11.435	3.0690	202.37	0.1187
Propane	6.414	1.7730	161.38	0.0977
Iso-Butane	0.916	0.3010	29.79	0.0184
N-Butane	1.716	0.5430	55.98	0.0344
I-Pentane	0.466	0.1710	18.64	0.0116
N-Pentane	0.371	0.1350	14.87	0.0092
Hexane Plus	0.338	0.1510	17.82	0.0112
Total	100.000	19.4430	1276.16	0.7476

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0038
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1284.0
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1261.7
REAL SPECIFIC GRAVITY: 0.7501

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

DRY BTU @ 14.650: 1277.0
DRY BTU @ 14.696: 1281.0
DRY BTU @ 14.730: 1284.0
DRY BTU @ 15.025: 1309.7

CYLINDER #: 1397
CYLINDER PRESSURE: 137 PSIG
DATE RUN: 10/9/13 11:42 AM
ANALYSIS RUN BY: PATRICIA KING