



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

Analysis No: BP130063
Cust No: 12305-10875

30-045-24291

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
Well Name: GCU 145E
County/State:
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.: 93462

Source: CASING
Pressure: 80 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 09/23/2013
Sampled By: R. LEDESMA
Foreman/Engr.: NATE DEAL

OIL CONS. DIV DIST. 3

DEC 10 2013

Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.395	0.0440	0.00	0.0038
CO2	0.985	0.1690	0.00	0.0150
Methane	79.322	13.4940	801.15	0.4394
Ethane	9.748	2.6160	172.51	0.1012
Propane	5.351	1.4790	134.64	0.0815
Iso-Butane	0.858	0.2820	27.90	0.0172
N-Butane	1.739	0.5500	56.73	0.0349
I-Pentane	0.572	0.2100	22.89	0.0142
N-Pentane	0.488	0.1780	19.56	0.0122
Hexane Plus	0.542	0.2430	28.57	0.0179
Total	100.000	19.2650	1263.95	0.7373

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0037
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1271.6
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1249.5
REAL SPECIFIC GRAVITY: 0.7397

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

DRY BTU @ 14.650: 1264.7
DRY BTU @ 14.696: 1268.7
DRY BTU @ 14.730: 1271.6
DRY BTU @ 15.025: 1297.1

CYLINDER #: 1321
CYLINDER PRESSURE: 191 PSIG
DATE RUN: 9/27/13 1:47 PM
ANALYSIS RUN BY: LOGAN CHENEY