



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

Analysis No: BP130068
Cust No: 12305-10900

30-045-31600

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
Well Name: GCU 598
County/State:
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.: 98841

OIL CONS. DIV DIST. 3

DEC 10 2013

Source: CASING
Pressure: 110 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	0.392	0.0430	0.00	0.0038
CO2	0.159	0.0270	0.00	0.0024
Methane	88.143	14.9820	890.24	0.4882
Ethane	6.292	1.6870	111.35	0.0653
Propane	2.992	0.8260	75.28	0.0456
Iso-Butane	0.444	0.1460	14.44	0.0089
N-Butane	0.766	0.2420	24.99	0.0154
I-Pentane	0.233	0.0850	9.32	0.0058
N-Pentane	0.180	0.0650	7.22	0.0045
Hexane Plus	0.399	0.1780	21.03	0.0132
Total	100.000	18.2810	1153.87	0.6531

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0029
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1159.9
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1139.7
REAL SPECIFIC GRAVITY: 0.6547

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

DRY BTU @ 14.650: 1153.6
DRY BTU @ 14.696: 1157.2
DRY BTU @ 14.730: 1159.9
DRY BTU @ 15.025: 1183.1

CYLINDER #: 1339
CYLINDER PRESSURE: 70 PSIG
DATE RUN: 9/30/13 1:57 PM
ANALYSIS RUN BY: PATRICIA KING