



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

Analysis No: BP130064
 Cust No: 12305-10880

30-045-07805

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
 Well Name: GCU COM G179
 County/State:
 Location:
 Field:
 Formation: DAKOTA
 Cust. Stn. No.: 14047

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	0.474	0.0520	0.00	0.0046
CO2	0.002	0.0000	0.00	0.0000
Methane	91.214	15.5000	921.26	0.5052
Ethane	5.363	1.4380	94.91	0.0557
Propane	1.735	0.4790	43.65	0.0264
Iso-Butane	0.208	0.0680	6.76	0.0042
N-Butane	0.420	0.1330	13.70	0.0084
I-Pentane	0.152	0.0560	6.08	0.0038
N-Pentane	0.133	0.0480	5.33	0.0033
Hexane Plus	0.299	0.1340	15.76	0.0099
Total	100.000	17.9080	1107.46	0.6215

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0026
 BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1112.9
 BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1093.5
 REAL SPECIFIC GRAVITY: 0.6229

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

DRY BTU @ 14.650: 1106.9
 DRY BTU @ 14.696: 1110.3
 DRY BTU @ 14.730: 1112.9
 DRY BTU @ 15.025: 1135.2

CYLINDER #: 1284
 CYLINDER PRESSURE: 206 PSIG
 DATE RUN: 9/27/13 1:53 PM
 ANALYSIS RUN BY: LOGAN CHENEY