



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

Analysis No: BP130057
 Cust No: 12305-10845

30-045-0 1767

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
 Well Name: GCU COM 142
 County/State: A
 Location:
 Field:
 Formation: CH/DK
 Cust. Stn. No.: 14039

OIL CONS. DIV DIST. 3

DEC 10 2013

Source: BRADENHEAD
 Pressure: 88 PSIG
 Sample Temp: DEG. F
 Well Flowing:
 Date Sampled: 08/22/2013
 Sampled By: R.LEDESMA
 Foreman/Engr.: NATHAN DEAL

Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.495	0.1650	0.00	0.0145
CO2	0.009	0.0020	0.00	0.0001
Methane	86.760	14.7460	876.28	0.4806
Ethane	6.844	1.8350	121.12	0.0711
Propane	2.861	0.7900	71.99	0.0436
Iso-Butane	0.532	0.1750	17.30	0.0107
N-Butane	0.822	0.2600	26.82	0.0165
I-Pentane	0.253	0.0930	10.12	0.0063
N-Pentane	0.174	0.0630	6.98	0.0043
Hexane Plus	0.250	0.1120	13.18	0.0083
Total	100.000	18.2410	1143.77	0.6559

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0028

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1149.6

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1129.6

REAL SPECIFIC GRAVITY: 0.6574

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

DRY BTU @ 14.650: 1143.4

DRY BTU @ 14.696: 1146.9

DRY BTU @ 14.730: 1149.6

DRY BTU @ 15.025: 1172.6

CYLINDER #: 1436

CYLINDER PRESSURE: 61 PSIG

DATE RUN: 8/23/13 1:36 PM

ANALYSIS RUN BY: DAWN BLASSINGAME