



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

Analysis No: BP130013
Cust No: 12305-10630

30-045-07171

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
Well Name: GCU 165
County/State:
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.: 73907

Source: BRADENHEAD
Pressure: 150 PSIG
Sample Temp: DEG. F
Well Flowing: N/A
Date Sampled: 07/01/2013
Sampled By: R. LEDESMA
Foreman/Engr.: NATHAN DEAL

Remarks: SAMPLED AT 1:30

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.479	0.0530	0.00	0.0046
CO2	0.004	0.0010	0.00	0.0001
Methane	90.040	15.3020	909.40	0.4987
Ethane	5.670	1.5200	100.34	0.0589
Propane	2.282	0.6300	57.42	0.0347
Iso-Butane	0.436	0.1430	14.18	0.0087
N-Butane	0.517	0.1630	16.87	0.0104
I-Pentane	0.182	0.0670	7.28	0.0045
N-Pentane	0.115	0.0420	4.61	0.0029
Hexane Plus	0.275	0.1230	14.50	0.0091
Total	100.000	18.0440	1124.59	0.6327

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0027
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1130.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1110.5
REAL SPECIFIC GRAVITY: 0.6341

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

DRY BTU @ 14.650: 1124.1
DRY BTU @ 14.696: 1127.6
DRY BTU @ 14.730: 1130.2
DRY BTU @ 15.025: 1152.8

CYLINDER #: 1333
CYLINDER PRESSURE: 114 PSIG
DATE RUN: 7/5/13 7:55 AM
ANALYSIS RUN BY: LOGAN CHENEY