



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

Analysis No: BP130048
Cust No: 12305-10805

30-045-25234

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
Well Name: GCU 133E
County/State:
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.: 52900026

Source: BRADENHEAD
Pressure: 150 PSIG
Sample Temp: DEG. F
Well Flowing: N/A
Date Sampled: 08/02/2013
Sampled By: R. LEDESMA
Foreman/Engr.: NATE DEAL

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.319	0.0350	0.00	0.0031
CO2	0.003	0.0010	0.00	0.0000
Methane	86.434	14.6930	872.98	0.4788
Ethane	8.129	2.1800	143.86	0.0844
Propane	3.159	0.8730	79.48	0.0481
Iso-Butane	0.469	0.1540	15.25	0.0094
N-Butane	0.774	0.2450	25.25	0.0155
I-Pentane	0.233	0.0850	9.32	0.0058
N-Pentane	0.172	0.0630	6.89	0.0043
Hexane Plus	0.308	0.1380	16.23	0.0102
Total	100.000	18.4670	1169.28	0.6596

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.003
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1175.5
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1155.0
REAL SPECIFIC GRAVITY: 0.6613

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

DRY BTU @ 14.650: 1169.1
DRY BTU @ 14.696: 1172.8
DRY BTU @ 14.730: 1175.5
DRY BTU @ 15.025: 1199.0

CYLINDER #: 1297
CYLINDER PRESSURE: 145 PSIG
DATE RUN: 8/7/13 7:35 AM
ANALYSIS RUN BY: PATRICIA KING