



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

Analysis No: BP130069
Cust No: 12305-10905

30-045-24736

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
Well Name: GCU COM 1 181E
County/State: I
Location:
Field:
Formation: DAKOTA
Cust. Strn. No.: 03901

OIL CONS. DIV DIST. 3

DEC 10 2013

Source: CASING
Pressure: 130 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	0.341	0.0380	0.00	0.0033
CO2	1.099	0.1880	0.00	0.0167
Methane	76.746	13.0580	775.13	0.4251
Ethane	11.564	3.1040	204.65	0.1201
Propane	6.275	1.7350	157.89	0.0955
Iso-Butane	0.920	0.3020	29.92	0.0185
N-Butane	1.691	0.5350	55.17	0.0339
I-Pentane	0.477	0.1750	19.08	0.0119
N-Pentane	0.369	0.1340	14.79	0.0092
Hexane Plus	0.518	0.2320	27.30	0.0171
Total	100.000	19.5010	1283.93	0.7513

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0039
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1291.9
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1269.4
REAL SPECIFIC GRAVITY: 0.7539

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

DRY BTU @ 14.650: 1284.9
DRY BTU @ 14.696: 1288.9
DRY BTU @ 14.730: 1291.9
DRY BTU @ 15.025: 1317.8

CYLINDER #: 1800
CYLINDER PRESSURE: 157 PSIG
DATE RUN: 9/30/13 1:58 PM
ANALYSIS RUN BY: PATRICIA KING