



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

Analysis No: BP130072
Cust No: 12305-10920

30-045-07840

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
Well Name: GCU 188
County/State:
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.:

OIL CONS. DIV DIST. 3

DEC 10 2013

Source: CASING
Pressure: 110 PSIG
Sample Temp: DEG. F
Well Flowing: N/A
Date Sampled: 09/24/2013
Sampled By: R. LEDESMA
Foreman/Engr.: NATE DEAL

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.571	0.0630	0.00	0.0055
CO2	0.970	0.1660	0.00	0.0147
Methane	70.881	12.0670	715.90	0.3926
Ethane	13.671	3.6720	241.94	0.1419
Propane	8.718	2.4120	219.35	0.1327
Iso-Butane	1.130	0.3710	36.75	0.0227
N-Butane	2.529	0.8010	82.50	0.0508
I-Pentane	0.632	0.2320	25.29	0.0157
N-Pentane	0.568	0.2070	22.77	0.0141
Hexane Plus	0.330	0.1480	17.39	0.0109
Total	100.000	20.1390	1361.89	0.8018

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0045

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1371.2

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1347.3

REAL SPECIFIC GRAVITY: 0.8051

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

DRY BTU @ 14.650: 1363.8

DRY BTU @ 14.696: 1368.0

DRY BTU @ 14.730: 1371.2

DRY BTU @ 15.025: 1398.7

CYLINDER #: 2271

CYLINDER PRESSURE: 186 PSIG

DATE RUN: 10/1/13 1:14 PM

ANALYSIS RUN BY: AMANDA ARMENTA