



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

Analysis No: BP140019
Cust No: 12305-11115

30-045-30189

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
Well Name: ARCHULETA GC A1B
County/State:
Location:
Field:
Formation: MV
Cust. Stn. No.:

Source: CASING
Pressure: 135 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 05/30/2014
Sampled By: R. LEDESMA
Foreman/Engr.: NATE DEAL

OIL CONS. DIV DIST. 3

JUL 29 2014

Remarks: SAMPLE TAKEN AT 10:00

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.313	0.0350	0.00	0.0030
CO2	0.006	0.0010	0.00	0.0001
Methane	86.987	14.7870	878.57	0.4818
Ethane	7.009	1.8800	124.04	0.0728
Propane	3.143	0.8680	79.08	0.0479
Iso-Butane	0.591	0.1940	19.22	0.0119
N-Butane	0.825	0.2610	26.91	0.0166
I-Pentane	0.317	0.1160	12.68	0.0079
N-Pentane	0.229	0.0830	9.18	0.0057
Hexane Plus	0.580	0.2590	30.57	0.0192
Total	100.000	18.4840	1180.26	0.6668

* @ 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): 1186.5
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1165.9
REAL SPECIFIC GRAVITY: 0.6685

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

DRY BTU @ 14.650: 1180.1
DRY BTU @ 14.696: 1183.8
DRY BTU @ 14.730: 1186.5
DRY BTU @ 15.025: 1210.3

CYLINDER #: 1298
CYLINDER PRESSURE: 130 PSIG
DATE RUN: 6/9/14 1:50 PM
ANALYSIS RUN BY: LOGAN CHENEY