



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

Analysis No: BP140020
Cust No: 12305-11065

30-045-26735

Well/Lease Information

Customer Name: BP AMERICA/FARMINGTON
Well Name: CITY OF FARMINGTON
County/State:
Location:
Field:
Formation: DAKOTA
Cust. Strn. No.: 52900185

OIL CONS. DIV DIST. 3

JUL 29 2014

Source: CASING
Pressure: 130 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 05/30/2014
Sampled By: R. LEDESMA
Foreman/Engr.: NATE DEAL

Remarks: SAMPLE TAKEN AT 8:00

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.981	0.1080	0.00	0.0095
CO2	0.361	0.0620	0.00	0.0055
Methane	81.249	13.8190	820.62	0.4500
Ethane	8.924	2.3940	157.93	0.0926
Propane	4.788	1.3230	120.47	0.0729
Iso-Butane	0.621	0.2040	20.19	0.0125
N-Butane	1.487	0.4700	48.51	0.0298
I-Pentane	0.454	0.1670	18.16	0.0113
N-Pentane	0.442	0.1610	17.72	0.0110
Hexane Plus	0.693	0.3100	36.53	0.0229
Total	100.000	19.0180	1240.13	0.7181

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0035
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1247.4
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1225.7
REAL SPECIFIC GRAVITY: 0.7203

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

DRY BTU @ 14.650: 1240.6
DRY BTU @ 14.696: 1244.5
DRY BTU @ 14.730: 1247.4
DRY BTU @ 15.025: 1272.4

CYLINDER #: 1225
CYLINDER PRESSURE: 200 PSIG
DATE RUN: 6/9/14 1:51 PM
ANALYSIS RUN BY: LOGAN CHENEY



BP AMERICA/FARMINGTON
WELL ANALYSIS COMPARISON

Lease: CITY OF FARMINGTON
Stn. No.: 52900185
Mtr. No.:

CASING
DAKOTA

06/11/2014
12305-11065

Smpl Date:	05/30/2014	11/21/2013
Test Date:	06/09/2014	12/04/2013
Run No:	BP140020	BP130101
Nitrogen:	0.981	0.992
CO2:	0.361	0.676
Methane:	81.249	81.469
Ethane:	8.924	9.344
Propane:	4.788	4.540
I-Butane:	0.621	0.619
N-Butane:	1.487	1.221
I-Pentane:	0.454	0.348
N-Pentane:	0.442	0.312
Hexane+:	0.693	0.479
BTU:	1247.4	1221.0
GPM:	19.0180	18.8860
SPG:	0.7203	0.7086