



OIL CONS. DIV DIST. 3

SEP 15 2015

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CP150490
Cust No: 18300-27295**Well/Lease Information**

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: FILAN #6; TBG API - 30-045-20355
County/State: SAN JUAN
Location: G0-27N-08W
Field:
Formation: MESA VERDE
Cust. Stn. No.: ELB75938

Source: TUBING
Pressure: 634 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 08/18/2015
Sampled By: MITCH
Foreman/Engr.: MIKE MEGORDEN

Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.452	0.0500	0.00	0.0044
CO2	0.635	0.1090	0.00	0.0096
Methane	84.956	14.4420	858.05	0.4706
Ethane	8.805	2.3610	155.83	0.0914
Propane	3.320	0.9170	83.54	0.0505
Iso-Butane	0.686	0.2250	22.31	0.0138
N-Butane	0.660	0.2090	21.53	0.0132
I-Pentane	0.230	0.0840	9.20	0.0057
N-Pentane	0.119	0.0430	4.77	0.0030
Hexane Plus	0.137	0.0610	7.22	0.0045
Total	100.000	18.5010	1162.45	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): 1168.6
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1148.3
REAL SPECIFIC GRAVITY: 0.6685

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

DRY BTU @ 14.650: 1162.3
DRY BTU @ 14.696: 1165.9
DRY BTU @ 14.730: 1168.6
DRY BTU @ 15.025: 1192.0

CYLINDER #: 6106
CYLINDER PRESSURE: 590 PSIG
DATE RUN: 9/1/15 8:36 AM
ANALYSIS RUN BY: Kindra Anderson



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: FILAN #6; TBG
Stn. No.: ELB75938
Mtr. No.:

TUBING
MESA VERDE

09/14/2015
18300-27295

Smpl Date: 08/18/2015
Test Date: 09/01/2015
Run No: CP150490

Nitrogen: 0.452
CO2: 0.635
Methane: 84.956
Ethane: 8.805
Propane: 3.320
I-Butane: 0.686
N-Butane: 0.660
I-Pentane: 0.230
N-Pentane: 0.119
Hexane+: 0.137

BTU: 1168.6
GPM: 18.5010
SPG: 0.6685



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

Analysis No: CP150489
Cust No: 18300-27290

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: FILAN #6; BHD API-30-045-20355
County/State: SAN JUAN
Location: G05-27N-08W
Field:
Formation: MEA VERDE
Cust. Stn. No.: ELB75938

Source: BRADENHEAD
Pressure: 166 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 08/18/2015
Sampled By: MITCH
Foreman/Engr.: MIKE MEGORDEN

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.336	0.0370	0.00	0.0032
CO2	0.008	0.0010	0.00	0.0001
Methane	83.157	14.1460	839.89	0.4606
Ethane	7.452	2.0000	131.88	0.0774
Propane	3.780	1.0450	95.11	0.0575
Iso-Butane	0.967	0.3180	31.45	0.0194
N-Butane	1.849	0.5850	60.32	0.0371
I-Pentane	0.797	0.2920	31.89	0.0199
N-Pentane	0.611	0.2220	24.49	0.0152
Hexane Plus	1.043	0.4670	54.98	0.0345
Total	100.000	19.1130	1269.99	0.7250

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0037
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1277.7
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1255.5
REAL SPECIFIC GRAVITY: 0.7274

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

DRY BTU @ 14.650: 1270.8
DRY BTU @ 14.696: 1274.8
DRY BTU @ 14.730: 1277.7
DRY BTU @ 15.025: 1303.3

CYLINDER #: 6245
CYLINDER PRESSURE: 81 PSIG
DATE RUN: 9/1/15 8:35 AM
ANALYSIS RUN BY: Kindra Anderson



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: FILAN #6; BHD
Stn. No.: ELB75938
Mtr. No.:

BRADENHEAD
MEA VERDE

09/14/2015
18300-27290

Smpl Date: 08/18/2015
Test Date: 09/01/2015
Run No: CP150489

Nitrogen: 0.336
CO2: 0.008
Methane: 83.157
Ethane: 7.452
Propane: 3.780
I-Butane: 0.967
N-Butane: 1.849
I-Pentane: 0.797
N-Pentane: 0.611
Hexane+: 1.043

BTU: 1277.7
GPM: 19.1130
SPG: 0.7274