



API #3004533988

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CP140612
Cust No: 18300-26230**Well/Lease Information**Customer Name: CONOCO PHILLIPS COMPANY
Well Name: BRUINGTON LS 3C TBG
County/State: SAN JUAN
Location:
Field:
Formation: MESA VERDE
Cust. Stn. No.: 88152-01
AM0225963NOSource: TUBING
Pressure: 167 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 06/25/2014
Sampled By: PETE JIM
Foreman/Engr.: PHILLIP O.

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.331	0.0370	0.00	0.0032
CO2	0.607	0.1040	0.00	0.0092
Methane	81.645	13.8850	824.62	0.4522
Ethane	9.919	2.6610	175.53	0.1030
Propane	4.359	1.2050	109.67	0.0664
Iso-Butane	0.650	0.2130	21.14	0.0130
N-Butane	1.226	0.3880	39.99	0.0246
I-Pentane	0.386	0.1420	15.44	0.0096
N-Pentane	0.309	0.1120	12.39	0.0077
Hexane Plus	0.568	0.2540	29.94	0.0188
Total	100.000	19.0010	1228.73	0.7078

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0034

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1235.8

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1214.3

REAL SPECIFIC GRAVITY: 0.7099

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

DRY BTU @ 14.650: 1229.1

DRY BTU @ 14.696: 1232.9

DRY BTU @ 14.730: 1235.8

DRY BTU @ 15.025: 1260.5

CYLINDER #: 6129

CYLINDER PRESSURE: 161 PSIG

DATE RUN: 6/30/14 12:55 PM

ANALYSIS RUN BY: LOGAN CHENEY



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

Analysis No: CP140610
Cust No: 18300-26220

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: BRUINGTON LS 3C CSG
County/State: SAN JUAN
Location:
Field:
Formation: MESA VERDE
Cust. Stn. No.: 88152-01
AM02225963NO

Source: CASING
Pressure: 167 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 06/25/2014
Sampled By: PETE JIM
Foreman/Engr.: PHILLIP O.

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.422	0.0470	0.00	0.0041
CO2	0.385	0.0660	0.00	0.0059
Methane	83.145	14.1400	839.76	0.4605
Ethane	8.571	2.2990	151.68	0.0890
Propane	4.294	1.1870	108.04	0.0654
Iso-Butane	0.666	0.2190	21.66	0.0134
N-Butane	1.171	0.3700	38.20	0.0235
I-Pentane	0.395	0.1450	15.80	0.0098
N-Pentane	0.324	0.1180	12.99	0.0081
Hexane Plus	0.627	0.2800	33.05	0.0208
Total	100.000	18.8710	1221.19	0.7004

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0034

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1228.2

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1206.8

REAL SPECIFIC GRAVITY: 0.7025

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

DRY BTU @ 14.650: 1221.5

DRY BTU @ 14.696: 1225.4

DRY BTU @ 14.730: 1228.2

DRY BTU @ 15.025: 1252.8

CYLINDER #: 167

CYLINDER PRESSURE: 4175 PSIG

DATE RUN: 6/30/14 12:51 PM

ANALYSIS RUN BY: LOGAN CHENEY



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

Analysis No: CP140611
Cust No: 18300-26225

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: BRUINGTON LS 3C INTRM
County/State: SAN JUAN
Location:
Field:
Formation: MESA VERDE
Cust. Str. No.: 88152-01
AM02225963NO

Source: INTERMEDIATE
Pressure: 167 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 06/25/2014
Sampled By: PETE JIM
Foreman/Engr.: PHILLIP O.

Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.445	0.0490	0.00	0.0043
CO2	0.409	0.0700	0.00	0.0062
Methane	82.916	14.1010	837.45	0.4593
Ethane	8.743	2.3460	154.73	0.0908
Propane	4.305	1.1900	108.32	0.0655
Iso-Butane	0.661	0.2170	21.50	0.0133
N-Butane	1.172	0.3710	38.23	0.0235
I-Pentane	0.394	0.1450	15.76	0.0098
N-Pentane	0.325	0.1180	13.03	0.0081
Hexane Plus	0.630	0.2820	33.21	0.0209
Total	100.000	18.8890	1222.23	0.7017

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0034

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1229.2

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1207.8

REAL SPECIFIC GRAVITY: 0.7038

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

DRY BTU @ 14.650: 1222.5

DRY BTU @ 14.696: 1226.4

DRY BTU @ 14.730: 1229.2

DRY BTU @ 15.025: 1253.8

CYLINDER #: 6132

CYLINDER PRESSURE: 142 PSIG

DATE RUN: 6/30/14 12:53 PM

ANALYSIS RUN BY: PATRICIA KING