



30-04535066

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

Analysis No: CP140115
Cust No: 18300-25350

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: FLORANCE 41N BHD
County/State: SAN JUAN
Location: H21-29N-9W
Field:
Formation: MV/DK
Cust. Stn. No.: 88854
AM02473062NO

Source: BRADENHEAD
Pressure: 67 PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 03/06/2014
Sampled By: JUSTIN AMYX
Foreman/Engr.: KURTIS SHAW

OIL CONS. DIV DIST. 3

MAY 14 2014

Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.832	0.0920	0.00	0.0080
CO2	0.010	0.0020	0.00	0.0002
Methane	91.416	15.5330	923.30	0.5064
Ethane	5.080	1.3620	89.90	0.0527
Propane	1.723	0.4760	43.35	0.0262
Iso-Butane	0.317	0.1040	10.31	0.0064
N-Butane	0.323	0.1020	10.54	0.0065
I-Pentane	0.092	0.0340	3.68	0.0023
N-Pentane	0.064	0.0230	2.57	0.0016
Hexane Plus	0.143	0.0640	7.54	0.0047
Total	100.000	17.7920	1091.18	0.6150

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0025

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1096.5

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1077.4

REAL SPECIFIC GRAVITY: 0.6163

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

DRY BTU @ 14.650: 1090.5

DRY BTU @ 14.696: 1094.0

DRY BTU @ 14.730: 1096.5

DRY BTU @ 15.025: 1118.5

CYLINDER #: 4207

CYLINDER PRESSURE: 68 PSIG

DATE RUN: 3/7/14 9:31 AM

ANALYSIS RUN BY: DAWN BLASSINGAME



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: FLORANCE 41N BHD
Stn. No.: 88854
Mtr. No.: AM02473062NO

BRADENHEAD
MV/DK

03/07/2014
18300-25350

Smpl Date: 03/06/2014
Test Date: 03/07/2014
Run No: CP140115
Nitrogen: 0.832
CO2: 0.010
Methane: 91.416
Ethane: 5.080
Propane: 1.723
I-Butane: 0.317
N-Butane: 0.323
I-Pentane: 0.092
N-Pentane: 0.064
Hexane+: 0.143
BTU: 1096.5
GPM: 17.7920
SPG: 0.6163



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

Analysis No: CP140116
Cust No: 18300-25355

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: FLORANCE 41N CSG
County/State: SAN JUAN
Location: H21-29N-9W
Field:
Formation: MV/DK
Cust. Stn. No.: 88854
AM02473062NO

Source: CASING
Pressure: 103 PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 03/06/2014
Sampled By: JUSTIN AMYX
Foreman/Engr.: KURTIS SHAW

OIL CONS. DIV DIST. 3
MAY 14 2014

Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.478	0.0530	0.00	0.0046
CO2	0.935	0.1600	0.00	0.0142
Methane	86.414	14.6870	872.78	0.4786
Ethane	8.414	2.2560	148.90	0.0874
Propane	2.707	0.7480	68.11	0.0412
Iso-Butane	0.509	0.1670	16.55	0.0102
N-Butane	0.405	0.1280	13.21	0.0081
I-Pentane	0.085	0.0310	3.40	0.0021
N-Pentane	0.036	0.0130	1.44	0.0009
Hexane Plus	0.017	0.0080	0.90	0.0006
Total	100.000	18.2510	1125.30	0.6480

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0028
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1131.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1111.4
REAL SPECIFIC GRAVITY: 0.6495

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

DRY BTU @ 14.650: 1125.0
DRY BTU @ 14.696: 1128.5
DRY BTU @ 14.730: 1131.1
DRY BTU @ 15.025: 1153.8

CYLINDER #: 6045
CYLINDER PRESSURE: 99 PSIG
DATE RUN: 3/7/14 9:33 AM
ANALYSIS RUN BY: DAWN BLASSINGAME



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: FLORANCE 41N CSG
Stn. No.: 88854
Mtr. No.: AM02473062NO

CASING
MV/DK

03/07/2014
18300-25355

Smpl Date: 03/06/2014
Test Date: 03/07/2014
Run No: CP140116
Nitrogen: 0.478
CO2: 0.935
Methane: 86.414
Ethane: 8.414
Propane: 2.707
I-Butane: 0.509
N-Butane: 0.405
I-Pentane: 0.085
N-Pentane: 0.036
Hexane+: 0.017
BTU: 1131.1
GPM: 18.2510
SPG: 0.6495