



OIL CONS. DIV DIST. 3

SEP 21 2015

Florance 41N
API # 30-045-350662030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CP150491
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: 90 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 09/02/2015
Sampled By: CHRIS ROBBINS
Foreman/Engr.: MIKE MEGORDEN

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.892	0.0980	0.00	0.0086
CO2	0.006	0.0010	0.00	0.0001
Methane	91.290	15.5110	922.03	0.5057
Ethane	5.111	1.3700	90.45	0.0531
Propane	1.750	0.4830	44.03	0.0266
Iso-Butane	0.321	0.1050	10.44	0.0064
N-Butane	0.338	0.1070	11.03	0.0068
I-Pentane	0.098	0.0360	3.92	0.0024
N-Pentane	0.079	0.0290	3.17	0.0020
Hexane Plus	0.115	0.0510	6.06	0.0038
Total	100.000	17.7910	1091.12	0.6155

* @ 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): 1096.4
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1077.3
REAL SPECIFIC GRAVITY: 0.6168

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

DRY BTU @ 14.650: 1090.4
DRY BTU @ 14.696: 1093.9
DRY BTU @ 14.730: 1096.4
DRY BTU @ 15.025: 1118.4

CYLINDER #: 6216
CYLINDER PRESSURE: 81 PSIG
DATE RUN: 9/3/15 8:43 AM
ANALYSIS RUN BY: Kindra Anderson



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

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

BRADENHEAD
MV/DK

09/14/2015
18300-25350

Smpl Date:	09/02/2015	09/24/2014	03/06/2014
Test Date:	09/03/2015	09/25/2014	03/07/2014
Run No:	CP150491	CP140741	CP140115
Nitrogen:	0.892	0.855	0.832
CO2:	0.006	0.007	0.010
Methane:	91.290	91.365	91.416
Ethane:	5.111	5.065	5.080
Propane:	1.750	1.720	1.723
I-Butane:	0.321	0.317	0.317
N-Butane:	0.338	0.325	0.323
I-Pentane:	0.098	0.093	0.092
N-Pentane:	0.079	0.063	0.064
Hexane+:	0.115	0.190	0.143
BTU:	1096.4	1098.1	1096.5
GPM:	17.7910	17.8010	17.7920
SPG:	0.6168	0.6176	0.6163



Florance 41N
30-04S-3S066

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

Analysis No: CP150493
Cust No: 18300-25360

Well/Lease Information

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

Source: INTERMEDIATE
Pressure: 108 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 09/02/2015
Sampled By: CHRIS ROBBINS
Foreman/Engr.: MIKE MEGORDEN

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.873	0.0960	0.00	0.0084
CO2	0.005	0.0010	0.00	0.0001
Methane	91.311	15.5150	922.24	0.5058
Ethane	5.133	1.3760	90.84	0.0533
Propane	1.751	0.4830	44.06	0.0267
Iso-Butane	0.321	0.1050	10.44	0.0064
N-Butane	0.333	0.1050	10.86	0.0067
I-Pentane	0.093	0.0340	3.72	0.0023
N-Pentane	0.064	0.0230	2.57	0.0016
Hexane Plus	0.116	0.0520	6.11	0.0038
Total	100.000	17.7900	1090.84	0.6151

* @ 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): 1096.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1077.0
REAL SPECIFIC GRAVITY: 0.6164

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

DRY BTU @ 14.650: 1090.1
DRY BTU @ 14.696: 1093.6
DRY BTU @ 14.730: 1096.1
DRY BTU @ 15.025: 1118.1

CYLINDER #: 4050
CYLINDER PRESSURE: 106 PSIG
DATE RUN: 9/3/15 8:45 AM
ANALYSIS RUN BY: JENNIFER DEAN



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

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

INTERMEDIATE
MV/DK

09/14/2015
18300-25360

Smpl Date:	09/02/2015	09/24/2014	03/06/2014
Test Date:	09/03/2015	09/25/2014	03/07/2014
Run No:	CP150493	CP140743	CP140117
Nitrogen:	0.873	0.866	0.849
CO2:	0.005	0.018	0.003
Methane:	91.311	91.023	91.466
Ethane:	5.133	5.125	5.075
Propane:	1.751	1.779	1.711
I-Butane:	0.321	0.332	0.315
N-Butane:	0.333	0.354	0.320
I-Pentane:	0.093	0.105	0.090
N-Pentane:	0.064	0.076	0.061
Hexane+:	0.116	0.322	0.110
BTU:	1096.1	1106.7	1094.5
GPM:	17.7900	17.8610	17.7760
SPG:	0.6164	0.6234	0.6151



Florance 41N
30-04S-35066

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

Analysis No: CP150492
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: 163 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 09/02/2015
Sampled By: CHRIS ROBBINS
Foreman/Engr.: MIKE MEGORDEN

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.661	0.0730	0.00	0.0064
CO2	0.319	0.0550	0.00	0.0048
Methane	90.341	15.3480	912.44	0.5004
Ethane	7.092	1.9010	125.51	0.0736
Propane	1.420	0.3920	35.73	0.0216
Iso-Butane	0.122	0.0400	3.97	0.0024
N-Butane	0.041	0.0130	1.34	0.0008
I-Pentane	0.002	0.0010	0.08	0.0000
N-Pentane	0.002	0.0010	0.08	0.0000
Hexane Plus	0.000	0.0000	0.00	0.0000
Total	100.000	17.8240	1079.14	0.6103

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0024
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1084.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1065.3
REAL SPECIFIC GRAVITY: 0.6115

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

DRY BTU @ 14.650: 1078.3
DRY BTU @ 14.696: 1081.7
DRY BTU @ 14.730: 1084.2
DRY BTU @ 15.025: 1105.9

CYLINDER #: 6241
CYLINDER PRESSURE: 156 PSIG
DATE RUN: 9/3/15 8:44 AM
ANALYSIS RUN BY: JENNIFER DEAN



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

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

CASING
MV/DK

09/14/2015
18300-25355

Smpl Date:	09/02/2015	09/24/2014	03/06/2014
Test Date:	09/03/2015	09/25/2014	03/07/2014
Run No:	CP150492	CP140742	CP140116
Nitrogen:	0.661	0.264	0.478
CO2:	0.319	0.847	0.935
Methane:	90.341	77.918	86.414
Ethane:	7.092	11.117	8.414
Propane:	1.420	5.910	2.707
I-Butane:	0.122	1.237	0.509
N-Butane:	0.041	1.311	0.405
I-Pentane:	0.002	0.459	0.085
N-Pentane:	0.002	0.301	0.036
Hexane+:	0.000	0.636	0.017
BTU:	1084.2	1287.2	1131.1
GPM:	17.8240	19.4310	18.2510
SPG:	0.6115	0.7461	0.6495