



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

Analysis No: BU140250
Cust No: 52100-22165

30-039 07153
Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-6 #75 BHD
County/State: RIO ARRIBA NM
Location: N03-27N-06W
Field:
Formation:
Cust. Stn. No.: AM02346470NO

Source: BRADENHEAD
Pressure: 105 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 04/01/2014
Sampled By: BOB DURBIN
Foreman/Engr.: JONATHAN MELTON

OIL CONS. DIV DIST. 3

Remarks:

MAY 14 2014

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.278	0.0310	0.00	0.0027
CO2	0.762	0.1300	0.00	0.0116
Methane	81.651	13.8890	824.68	0.4523
Ethane	9.041	2.4260	160.00	0.0939
Propane	4.359	1.2050	109.68	0.0664
Iso-Butane	0.818	0.2690	26.60	0.0164
N-Butane	1.309	0.4140	42.70	0.0263
I-Pentane	0.536	0.1970	21.44	0.0134
N-Pentane	0.407	0.1480	16.32	0.0101
Hexane Plus	0.839	0.3750	44.22	0.0278
Total	100.000	19.0840	1245.64	0.7207

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0036
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1253.0
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1231.2
REAL SPECIFIC GRAVITY: 0.723

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

DRY BTU @ 14.650: 1246.2
DRY BTU @ 14.696: 1250.1
DRY BTU @ 14.730: 1253.0
DRY BTU @ 15.025: 1278.1

CYLINDER #: 4146
CYLINDER PRESSURE: 95 PSIG
DATE RUN: 4/4/14 7:35 AM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-6 #75 BHD
Stn. No.: AM02346470NO
Mtr. No.:

BRADENHEAD

04/11/2014
52100-22165

Smpl Date: 04/01/2014
Test Date: 04/04/2014
Run No: BU140250

Nitrogen: 0.278
CO2: 0.762
Methane: 81.651
Ethane: 9.041
Propane: 4.359
I-Butane: 0.818
N-Butane: 1.309
I-Pentane: 0.536
N-Pentane: 0.407
Hexane+: 0.839

BTU: 1253.0
GPM: 19.0840
SPG: 0.7230



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

Analysis No: BU140251
Cust No: 52100-22170

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-6 #75 CSG
County/State: RIO ARRIBA NM
Location: N03-27N-06W
Field:
Formation:
Cust. Str. No.: AM02346470NO

Source: CASING
Pressure: 103 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 04/01/2014
Sampled By: BOB DURBIN
Foreman/Engr.: JONATHAN MELTON

OIL CONS. DIV DIST. 3

MAY 14 2014

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.271	0.0300	0.00	0.0026
CO2	0.763	0.1310	0.00	0.0116
Methane	81.003	13.7800	818.13	0.4487
Ethane	9.021	2.4210	159.64	0.0937
Propane	4.470	1.2360	112.47	0.0681
Iso-Butane	0.876	0.2880	28.49	0.0176
N-Butane	1.435	0.4540	46.81	0.0288
I-Pentane	0.620	0.2280	24.81	0.0154
N-Pentane	0.481	0.1750	19.28	0.0120
Hexane Plus	1.060	0.4740	55.87	0.0351
Total	100.000	19.2170	1265.50	0.7335

* @ 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): 1273.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1250.9
REAL SPECIFIC GRAVITY: 0.7359

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

DRY BTU @ 14.650: 1266.2
DRY BTU @ 14.696: 1270.2
DRY BTU @ 14.730: 1273.1
DRY BTU @ 15.025: 1298.6

CYLINDER #: 6208
CYLINDER PRESSURE: 101 PSIG
DATE RUN: 4/4/14 7:36 AM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-6 #75 CSG
Stn. No.: AM02346470NO
Mtr. No.:

CASING

04/11/2014
52100-22170

Smpl Date: 04/01/2014
Test Date: 04/04/2014
Run No: BU140251

Nitrogen: 0.271
CO2: 0.763
Methane: 81.003
Ethane: 9.021
Propane: 4.470
I-Butane: 0.876
N-Butane: 1.435
I-Pentane: 0.620
N-Pentane: 0.481
Hexane+: 1.060

BTU: 1273.1
GPM: 19.2170
SPG: 0.7359



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

Analysis No: BU140252
Cust No: 52100-22175

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-6 #75 TBG
County/State: RIO ARRIBA NM
Location: N03-27N-06W
Field:
Formation:
Cust. Stn. No.: AM02346470NO

Source: TUBING
Pressure: 85 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 04/01/2014
Sampled By: BOB DURBIN
Foreman/Engr.: JONATHAN MELTON

Remarks:

OIL CONS. DIV DIST. 3
MAY 14 2014

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.278	0.0310	0.00	0.0027
CO2	0.881	0.1510	0.00	0.0134
Methane	82.152	13.9720	829.73	0.4550
Ethane	9.123	2.4480	161.45	0.0947
Propane	4.049	1.1190	101.88	0.0616
Iso-Butane	0.720	0.2360	23.41	0.0144
N-Butane	1.094	0.3460	35.69	0.0220
I-Pentane	0.406	0.1490	16.24	0.0101
N-Pentane	0.290	0.1050	11.63	0.0072
Hexane Plus	1.007	0.4510	53.08	0.0333
Total	100.000	19.0080	1233.12	0.7145

* @ 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): 1240.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1218.7
REAL SPECIFIC GRAVITY: 0.7168

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

DRY BTU @ 14.650: 1233.6
DRY BTU @ 14.696: 1237.4
DRY BTU @ 14.730: 1240.3
DRY BTU @ 15.025: 1265.1

CYLINDER #: 4004
CYLINDER PRESSURE: 88 PSIG
DATE RUN: 4/4/14 7:37 AM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-6 #75 TBG
Stn. No.: AM02346470NO
Mtr. No.:

TUBING

04/11/2014
52100-22175

Smpl Date: 04/01/2014
Test Date: 04/04/2014
Run No: BU140252
Nitrogen: 0.278
CO2: 0.881
Methane: 82.152
Ethane: 9.123
Propane: 4.049
I-Butane: 0.720
N-Butane: 1.094
I-Pentane: 0.406
N-Pentane: 0.290
Hexane+: 1.007
BTU: 1240.3
GPM: 19.0080
SPG: 0.7168