



API #3003922727
2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: CP140654
Cust No: 18300-26325

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: **SAN JUAN 30-5 #76 BHD**
County/State:
Location:
Field:
Formation: DAKOTA
Cust. Str. No.: AM00013336NO

Source: BRADENHEAD
Pressure: 45 PSIA
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 07/25/2014
Sampled By: JH
Foreman/Engr.: PRISCILLA SHORTY

OIL CONS. DIV DIST. 3

AUG 05 2015

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.194	0.1320	0.00	0.0115
CO2	0.013	0.0020	0.00	0.0002
Methane	93.311	15.8500	942.44	0.5169
Ethane	4.866	1.3040	86.11	0.0505
Propane	0.324	0.0890	8.15	0.0049
Iso-Butane	0.119	0.0390	3.87	0.0024
N-Butane	0.054	0.0170	1.76	0.0011
I-Pentane	0.039	0.0140	1.56	0.0010
N-Pentane	0.011	0.0040	0.44	0.0003
Hexane Plus	0.069	0.0310	3.64	0.0023
Total	100.000	17.4820	1047.98	0.5910

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0022
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1052.7
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1034.4
REAL SPECIFIC GRAVITY: 0.5921

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

DRY BTU @ 14.650: 1047.0
DRY BTU @ 14.696: 1050.3
DRY BTU @ 14.730: 1052.7
DRY BTU @ 15.025: 1073.8

CYLINDER #: 4056
CYLINDER PRESSURE: 43 PSIG
DATE RUN: 7/28/14 2:16 PM
ANALYSIS RUN BY: LOGAN CHENEY



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 30-5 #76 BHD
Stn. No.: AM00013336NO
Mtr. No.:

BRADENHEAD
DAKOTA

08/05/2014
18300-26325

Smpl Date: 07/25/2014
Test Date: 07/28/2014
Run No: CP140654

Nitrogen: 1.194
CO2: 0.013
Methane: 93.311
Ethane: 4.866
Propane: 0.324
I-Butane: 0.119
N-Butane: 0.054
I-Pentane: 0.039
N-Pentane: 0.011
Hexane+: 0.069

BTU: 1052.7
GPM: 17.4820
SPG: 0.5921



API #3003922727

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CP140656
Cust No: 18300-26335**Well/Lease Information**Customer Name: CONOCO PHILLIPS COMPANY
Well Name: **SAN JUAN 30-5 #76 CSG**
County/State: RIO ARRIBA
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.: AM00013336NOSource: CASING
Pressure: PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 07/28/2014
Sampled By:
Foreman/Engr.: PRISCILLA SHORTY**OIL CONS. DIV DIST. 3**

Remarks:

AUG 05 2015**Analysis**

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.130	0.0140	0.00	0.0013
CO2	2.902	0.4960	0.00	0.0441
Methane	96.666	16.4180	976.33	0.5354
Ethane	0.267	0.0720	4.73	0.0028
Propane	0.019	0.0050	0.48	0.0003
Iso-Butane	0.008	0.0030	0.26	0.0002
N-Butane	0.004	0.0010	0.13	0.0001
I-Pentane	0.002	0.0010	0.08	0.0000
N-Pentane	0.000	0.0000	0.00	0.0000
Hexane Plus	0.002	0.0010	0.11	0.0001
Total	100.000	17.0110	982.11	0.5842

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0021
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 986.4
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 969.2
REAL SPECIFIC GRAVITY: 0.5852GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.DRY BTU @ 14.650: 981.0
DRY BTU @ 14.696: 984.1
DRY BTU @ 14.730: 986.4
DRY BTU @ 15.025: 1006.2CYLINDER #: 4154
CYLINDER PRESSURE: 362 PSIG
DATE RUN: 7/29/14 8:46 AM
ANALYSIS RUN BY: DAWN BLASSINGAME



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 30-5 #76 CSG
Stn. No.: AM00013336NO
Mtr. No.:

CASING
DAKOTA

08/05/2014
18300-26335

Smpl Date: 07/28/2014
Test Date: 07/29/2014
Run No: CP140656

Nitrogen: 0.130
CO2: 2.902
Methane: 96.666
Ethane: 0.267
Propane: 0.019
I-Butane: 0.008
N-Butane: 0.004
I-Pentane: 0.002
N-Pentane: 0.000
Hexane+: 0.002

BTU: 986.4
GPM: 17.0110
SPG: 0.5852



API #3003922727

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CP140655
Cust No: 18300-26330**Well/Lease Information**Customer Name: CONOCO PHILLIPS COMPANY
Well Name: **SAN JUAN 30-5 #76 INTRM**
County/State:
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.: AM00013336NOSource: INTERMEDIATE
Pressure: 26 PSIA
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 07/25/2014
Sampled By: JH
Foreman/Engr.: PRICILLA SHORTY**OIL CONS. DIV DIST. 3****AUG 05 2015**

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.603	0.0660	0.00	0.0058
CO2	1.575	0.2690	0.00	0.0239
Methane	97.177	16.5050	981.49	0.5383
Ethane	0.384	0.1030	6.80	0.0040
Propane	0.070	0.0190	1.76	0.0011
Iso-Butane	0.020	0.0070	0.65	0.0004
N-Butane	0.018	0.0060	0.59	0.0004
I-Pentane	0.008	0.0030	0.32	0.0002
N-Pentane	0.004	0.0010	0.16	0.0001
Hexane Plus	0.141	0.0630	7.43	0.0047
Total	100.000	17.0420	999.19	0.5788

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0021
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1003.6
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 986.1
REAL SPECIFIC GRAVITY: 0.5798GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.DRY BTU @ 14.650: 998.1
DRY BTU @ 14.696: 1001.3
DRY BTU @ 14.730: 1003.6
DRY BTU @ 15.025: 1023.7CYLINDER #: 7025
CYLINDER PRESSURE: 26 PSIG
DATE RUN: 7/28/14 2:18 PM
ANALYSIS RUN BY: LOGAN CHENEY



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 30-5 #76 INTRM
Stn. No.: AM00013336NO
Mtr. No.:

INTERMEDIATE
DAKOTA

08/05/2014
18300-26330

Smpl Date: 07/25/2014
Test Date: 07/28/2014
Run No: CP140655
Nitrogen: 0.603
CO2: 1.575
Methane: 97.177
Ethane: 0.384
Propane: 0.070
I-Butane: 0.020
N-Butane: 0.018
I-Pentane: 0.008
N-Pentane: 0.004
Hexane+: 0.141
BTU: 1003.6
GPM: 17.0420
SPG: 0.5798