



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

Analysis No: CP130612
Cust No: 18300-24880

30-039-20997

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-7 #226 BHD
County/State: RIO ARRIBA
Location:
Field:
Formation: MV/DK
Cust. Stn. No.: 89726-01
A01841205SM

Source: BRADENHEAD
Pressure: 0 PSIG
Sample Temp: 68 DEG. F
Well Flowing: Y
Date Sampled: 06/24/2013
Sampled By: FRED GARCIA
Foreman/Engr.: KAYLIE B.

OIL CONS. DIV DIST. 3
MAY 14 2014

Remarks: PRESSURED WITH HELIUM TO 30 LBS
SF-079294

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	98.419	10.8280	0.00	0.9519
CO2	0.081	0.0140	0.00	0.0012
Methane	1.201	0.2040	12.13	0.0067
Ethane	0.085	0.0230	1.50	0.0009
Propane	0.037	0.0100	0.93	0.0006
Iso-Butane	0.008	0.0030	0.26	0.0002
N-Butane	0.013	0.0040	0.42	0.0003
I-Pentane	0.006	0.0020	0.24	0.0001
N-Pentane	0.000	0.0000	0.00	0.0000
Hexane Plus	0.150	0.0670	7.91	0.0050
Total	100.000	11.1550	23.40	0.9668

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0003

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 23.5

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 23.1

REAL SPECIFIC GRAVITY: 0.9667

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

DRY BTU @ 14.650: 23.4

DRY BTU @ 14.696: 23.4

DRY BTU @ 14.730: 23.5

DRY BTU @ 15.025: 24.0

CYLINDER #: 5014

CYLINDER PRESSURE: PSIG

DATE RUN: 6/25/13 2:35 PM

ANALYSIS RUN BY: BRANDY MEDFORD



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-7 #226 BHD
Stn. No.: 89726-01
Mtr. No.: A01841205SM

BRADENHEAD
MV/DK

04/14/2014
18300-24880

Smpl Date: 06/24/2013
Test Date: 06/25/2013
Run No: CP130612
Nitrogen: 98.419
CO2: 0.081
Methane: 1.201
Ethane: 0.085
Propane: 0.037
I-Butane: 0.008
N-Butane: 0.013
I-Pentane: 0.006
N-Pentane: 0.000
Hexane+: 0.150
BTU: 23.5
GPM: 11.1550
SPG: 0.9667



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

Analysis No: CP130613
Cust No: 18300-24885

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-7 #226 CSG
County/State: RIO ARRIBA
Location:
Field:
Formation: MV/DK
Cust. Stn. No.: 89726-01
A01841205SM

Source: CASING
Pressure: 104 PSIG
Sample Temp: 68 DEG. F
Well Flowing: Y
Date Sampled: 06/24/2013
Sampled By: FRED GARCIA
Foreman/Engr.: KAYLIE B.

Remarks: SF-079294

OIL CONS. DIV DIST. 3

MAY 14 2014

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.205	0.0230	0.00	0.0020
CO2	1.179	0.2020	0.00	0.0179
Methane	86.319	14.6740	871.82	0.4781
Ethane	7.191	1.9280	127.26	0.0747
Propane	2.805	0.7750	70.58	0.0427
Iso-Butane	0.547	0.1790	17.79	0.0110
N-Butane	0.669	0.2110	21.82	0.0134
I-Pentane	0.280	0.1030	11.20	0.0070
N-Pentane	0.180	0.0650	7.22	0.0045
Hexane Plus	0.625	0.2790	32.94	0.0207
Total	100.000	18.4390	1160.63	0.6719

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.003
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1166.8
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1146.5
REAL SPECIFIC GRAVITY: 0.6737

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

DRY BTU @ 14.650: 1160.5
DRY BTU @ 14.696: 1164.1
DRY BTU @ 14.730: 1166.8
DRY BTU @ 15.025: 1190.2

CYLINDER #: 4048
CYLINDER PRESSURE: 100 PSIG
DATE RUN: 6/25/13 2:39 PM
ANALYSIS RUN BY: DAWN BLASSINGAME



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-7 #226 CSG
Stn. No.: 89726-01
Mtr. No.: A01841205SM

CASING
MV/DK

04/14/2014
18300-24885

Smpl Date: 06/24/2013
Test Date: 06/25/2013
Run No: CP130613

Nitrogen: 0.205
CO2: 1.179
Methane: 86.319
Ethane: 7.191
Propane: 2.805
I-Butane: 0.547
N-Butane: 0.669
I-Pentane: 0.280
N-Pentane: 0.180
Hexane+: 0.625

BTU: 1166.8
GPM: 18.4390
SPG: 0.6737



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

Analysis No: CP130614
Cust No: 18300-24890

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-7 #226 INTRM
County/State: RIO ARRIBA
Location:
Field:
Formation: MV/DK
Cust. Stn. No.: 89726-01
A01841205SM

Source: INTERMEDIATE
Pressure: 101 PSIG
Sample Temp: 68 DEG. F
Well Flowing: Y
Date Sampled: 06/24/2013
Sampled By: FRED GARCIA
Foreman/Engr.: KAYLIE B.

Remarks: SF-079294

OIL CONS. DIV DIST. 3
MAY 14 2014

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.204	0.0230	0.00	0.0020
CO2	1.169	0.2000	0.00	0.0178
Methane	86.434	14.6930	872.98	0.4788
Ethane	7.180	1.9250	127.06	0.0745
Propane	2.773	0.7660	69.77	0.0422
Iso-Butane	0.541	0.1780	17.59	0.0109
N-Butane	0.655	0.2070	21.37	0.0131
I-Pentane	0.273	0.1000	10.92	0.0068
N-Pentane	0.174	0.0630	6.98	0.0043
Hexane Plus	0.597	0.2670	31.47	0.0198
Total	100.000	18.4220	1158.15	0.6702

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.003
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1164.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1144.0
REAL SPECIFIC GRAVITY: 0.6719

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

DRY BTU @ 14.650: 1158.0
DRY BTU @ 14.696: 1161.6
DRY BTU @ 14.730: 1164.3
DRY BTU @ 15.025: 1187.6

CYLINDER #: 4198
CYLINDER PRESSURE: 98 PSIG
DATE RUN: 6/25/13 2:40 PM
ANALYSIS RUN BY: DAWN BLASSINGAME



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-7 #226 INTRM
Stn. No.: 89726-01
Mtr. No.: A01841205SM

INTERMEDIATE
MV/DK

04/14/2014
18300-24890

Smpl Date: 06/24/2013
Test Date: 06/25/2013
Run No: CP130614

Nitrogen: 0.204
CO2: 1.169
Methane: 86.434
Ethane: 7.180
Propane: 2.773
I-Butane: 0.541
N-Butane: 0.655
I-Pentane: 0.273
N-Pentane: 0.174
Hexane+: 0.597

BTU: 1164.3
GPM: 18.4220
SPG: 0.6719