



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

Analysis No: CP140162
Cust No: 18300-19250

30-039-20385

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-6 #107 CSG
County/State: RIO ARRIBA NM
Location:
Field: AREA 24
Formation: DAKOTA
Cust. Stn. No.: 87297
AM02345918NO
API 3003907337

Source: CASING
Pressure: 340 PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 02/26/2014
Sampled By: CHARLIE WELLS
Foreman/Engr.:

OIL CONS. DIV DIST. 3

Remarks:

MAY 14 2014

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.104	0.0110	0.00	0.0010
CO2	1.292	0.2210	0.00	0.0196
Methane	92.960	15.7930	938.90	0.5149
Ethane	4.191	1.1230	74.17	0.0435
Propane	0.759	0.2100	19.10	0.0116
Iso-Butane	0.208	0.0680	6.76	0.0042
N-Butane	0.125	0.0390	4.08	0.0025
I-Pentane	0.086	0.0320	3.44	0.0021
N-Pentane	0.035	0.0130	1.40	0.0009
Hexane Plus	0.240	0.1070	12.65	0.0079
Total	100.000	17.6170	1060.50	0.6082

* @ 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): 1065.5
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1047.0
REAL SPECIFIC GRAVITY: 0.6095

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

DRY BTU @ 14.650: 1059.7
DRY BTU @ 14.696: 1063.0
DRY BTU @ 14.730: 1065.5
DRY BTU @ 15.025: 1086.8

CYLINDER #: 4123
CYLINDER PRESSURE: 332 PSIG
DATE RUN: 3/10/14 1:16 PM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-6 #107 CSG
Stn. No.: 87297
Mtr. No.: AM02345918NO

CASING
DAKOTA

03/20/2014
18300-19250

Smpl Date:	02/26/2014	07/27/2010
Test Date:	03/10/2014	08/03/2010
Run No:	CP140162	CP100592
Nitrogen:	0.104	0.134
CO2:	1.292	1.344
Methane:	92.960	91.989
Ethane:	4.191	4.801
Propane:	0.759	0.960
I-Butane:	0.208	0.274
N-Butane:	0.125	0.166
I-Pentane:	0.086	0.108
N-Pentane:	0.035	0.041
Hexane+:	0.240	0.183
BTU:	1065.5	1073.2
GPM:	17.6170	17.6970
SPG:	0.6095	0.6155



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

Analysis No: CP140163
Cust No: 18300-19255

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-6 #107 INT
County/State: RIO ARRIBA NM
Location:
Field: AREA 24
Formation: DAKOTA
Cust. Stn. No.: 87297
AM02345918NO
API 3003907337

Source: INTERMEDIATE
Pressure: 350 PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 02/26/2014
Sampled By: CHARLIE WELLS
Foreman/Engr.:

Remarks:

OIL CONS. DIV DIST. 3
MAY 14 2014

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.129	0.0140	0.00	0.0012
CO2	1.287	0.2200	0.00	0.0196
Methane	93.154	15.8260	940.86	0.5160
Ethane	4.151	1.1130	73.46	0.0431
Propane	0.717	0.1980	18.04	0.0109
Iso-Butane	0.196	0.0640	6.37	0.0039
N-Butane	0.116	0.0370	3.78	0.0023
I-Pentane	0.077	0.0280	3.08	0.0019
N-Pentane	0.030	0.0110	1.20	0.0007
Hexane Plus	0.143	0.0640	7.54	0.0047
Total	100.000	17.5750	1054.34	0.6045

* @ 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): 1059.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1040.9
REAL SPECIFIC GRAVITY: 0.6057

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

DRY BTU @ 14.650: 1053.5
DRY BTU @ 14.696: 1056.9
DRY BTU @ 14.730: 1059.3
DRY BTU @ 15.025: 1080.5

CYLINDER #: 4048
CYLINDER PRESSURE: 336 PSIG
DATE RUN: 3/10/14 1:17 PM
ANALYSIS RUN BY: DAWN BLASSINGAME



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-6 #107 INT
Stn. No.: 87297
Mtr. No.: AM02345918NO

INTERMEDIATE
DAKOTA

03/20/2014
18300-19255

Smpl Date:	02/26/2014	07/27/2010
Test Date:	03/10/2014	08/03/2010
Run No:	CP140163	CP100593
Nitrogen:	0.129	0.145
CO2:	1.287	1.341
Methane:	93.154	91.923
Ethane:	4.151	4.802
Propane:	0.717	0.959
I-Butane:	0.196	0.273
N-Butane:	0.116	0.165
I-Pentane:	0.077	0.108
N-Pentane:	0.030	0.041
Hexane+:	0.143	0.243
BTU:	1059.3	1075.7
GPM:	17.5750	17.7310
SPG:	0.6057	0.6174