



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

Analysis No: CP140169
Cust No: 18300-19065

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 29-5 #63 INT
County/State: RIO ARRIBA NM
Location: M17-29S-05W
Field:
Formation:
Cust. Stn. No.: 86697
AM00013387NO
API 3003920714

Source: INTERMEDIATE
Pressure: 260 PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 02/27/2014
Sampled By: J.BOWMAN
Foreman/Engr.:

Remarks:

OIL CONS. DIV DIST. 3
MAY 14 2014

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.336	0.0370	0.00	0.0032
CO2	0.049	0.0080	0.00	0.0007
Methane	87.971	14.9520	888.51	0.4873
Ethane	7.253	1.9450	128.36	0.0753
Propane	3.062	0.8460	77.04	0.0466
Iso-Butane	0.428	0.1400	13.92	0.0086
N-Butane	0.547	0.1730	17.84	0.0110
I-Pentane	0.133	0.0490	5.32	0.0033
N-Pentane	0.078	0.0280	3.13	0.0019
Hexane Plus	0.143	0.0640	7.54	0.0047
Total	100.000	18.2420	1141.65	0.6427

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0028
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1147.5
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1127.5
REAL SPECIFIC GRAVITY: 0.6443

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

DRY BTU @ 14.650: 1141.3
DRY BTU @ 14.696: 1144.9
DRY BTU @ 14.730: 1147.5
DRY BTU @ 15.025: 1170.5

CYLINDER #: 4205
CYLINDER PRESSURE: 240 PSIG
DATE RUN: 3/10/14 1:23 PM
ANALYSIS RUN BY: DAWN BLASSINGAME



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 29-5 #63 INT
Stn. No.: 86697
Mtr. No.: AM00013387NO

INTERMEDIATE

03/20/2014
18300-19065

Smpl Date:	02/27/2014	07/06/2010
Test Date:	03/10/2014	07/08/2010
Run No:	CP140169	CP100510
Nitrogen:	0.336	0.082
CO2:	0.049	1.728
Methane:	87.971	96.400
Ethane:	7.253	1.565
Propane:	3.062	0.129
I-Butane:	0.428	0.026
N-Butane:	0.547	0.012
I-Pentane:	0.133	0.005
N-Pentane:	0.078	0.002
Hexane+:	0.143	0.051
BTU:	1147.5	1013.2
GPM:	18.2420	17.1690
SPG:	0.6443	0.5828



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

Analysis No: CP140168
Cust No: 18300-19060

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 29-5 #63 CSG
County/State: RIO ARRIBA NM
Location: M17-29S-05W
Field:
Formation:
Cust. Stn. No.: 86697
AM00013387NO
API 3003920712

Source: CASING
Pressure: 260 PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 02/27/2014
Sampled By: J.BOWMAN
Foreman/Engr.:

OIL CONS. DIV DIST. 3

Remarks:

MAY 14 2014

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.326	0.0360	0.00	0.0032
CO2	0.049	0.0080	0.00	0.0007
Methane	88.027	14.9610	889.07	0.4876
Ethane	7.187	1.9270	127.19	0.0746
Propane	3.052	0.8430	76.79	0.0465
Iso-Butane	0.428	0.1400	13.92	0.0086
N-Butane	0.552	0.1740	18.01	0.0111
I-Pentane	0.133	0.0490	5.32	0.0033
N-Pentane	0.079	0.0290	3.17	0.0020
Hexane Plus	0.167	0.0750	8.80	0.0055
Total	100.000	18.2420	1142.27	0.6430

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0028
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1148.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1128.1
REAL SPECIFIC GRAVITY: 0.6446

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

DRY BTU @ 14.650: 1141.9
DRY BTU @ 14.696: 1145.4
DRY BTU @ 14.730: 1148.1
DRY BTU @ 15.025: 1171.1

CYLINDER #: 4189
CYLINDER PRESSURE: 213 PSIG
DATE RUN: 3/10/14 1:22 PM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 29-5 #63 CSG
Stn. No.: 86697
Mtr. No.: AM00013387NO

CASING

03/20/2014
18300-19060

Smpl Date:	02/27/2014	07/06/2010
Test Date:	03/10/2014	07/08/2010
Run No:	CP140168	CP100509
Nitrogen:	0.326	0.082
CO2:	0.049	1.730
Methane:	88.027	96.413
Ethane:	7.187	1.567
Propane:	3.052	0.127
I-Butane:	0.428	0.026
N-Butane:	0.552	0.011
I-Pentane:	0.133	0.006
N-Pentane:	0.079	0.002
Hexane+:	0.167	0.036
BTU:	1148.1	1012.6
GPM:	18.2420	17.1640
SPG:	0.6446	0.5823