



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

Analysis No: CP140158
Cust No: 18300-18715

30-039-07400

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-6 #59 CSG
County/State: RIO ARRIBA NM
Location: N14-28N-06W
Field: AREA 24
Formation: MESA VERDE
Cust. Stn. No.: 86021-01
AM02348468NO
API 3003097400

Source: CASING
Pressure: 150 PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 02/27/2014
Sampled By: CHARLIE WELLS
Foreman/Engr.:

OIL CONS. DIV DIST. 3

MAY 14 2014

Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.854	0.0940	0.00	0.0083
CO2	0.317	0.0540	0.00	0.0048
Methane	81.834	13.9170	826.52	0.4533
Ethane	8.596	2.3060	152.12	0.0892
Propane	5.285	1.4610	132.98	0.0805
Iso-Butane	0.869	0.2850	28.26	0.0174
N-Butane	1.213	0.3840	39.57	0.0243
I-Pentane	0.316	0.1160	12.64	0.0079
N-Pentane	0.221	0.0800	8.86	0.0055
Hexane Plus	0.495	0.2210	26.09	0.0164
Total	100.000	18.9180	1227.05	0.7076

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0034
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1234.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1212.6
REAL SPECIFIC GRAVITY: 0.7097

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

DRY BTU @ 14.650: 1227.4
DRY BTU @ 14.696: 1231.3
DRY BTU @ 14.730: 1234.1
DRY BTU @ 15.025: 1258.8

CYLINDER #: AZT014
CYLINDER PRESSURE: 131 PSIG
DATE RUN: 3/10/14 1:11 PM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-6 #59 CSG
Stn. No.: 86021-01
Mtr. No.: AM02348468NO

CASING
MESA VERDE

03/20/2014
18300-18715

Smpl Date:	02/27/2014	05/20/2013	06/28/2010
Test Date:	03/10/2014	06/27/2013	06/30/2010
Run No:	CP140158	CP130624	CP100424
Nitrogen:	0.854	1.821	0.792
CO2:	0.317	0.343	0.249
Methane:	81.834	83.870	81.282
Ethane:	8.596	8.425	8.498
Propane:	5.285	3.827	5.509
I-Butane:	0.869	0.466	1.059
N-Butane:	1.213	0.587	1.605
I-Pentane:	0.316	0.163	0.445
N-Pentane:	0.221	0.122	0.283
Hexane+:	0.495	0.376	0.278
BTU:	1234.1	1164.2	1247.8
GPM:	18.9180	18.4450	19.0110
SPG:	0.7097	0.6755	0.7168



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

Analysis No: CP140159
Cust No: 18300-18720

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-6 #59 INT
County/State: RIO ARRIBA NM
Location: N14-28N-06W
Field: AREA 24
Formation: MESA VERDE
Cust. Stn. No.: 86021-01
AM02348468NO
API 3003097400

Source: INTERMEDIATE
Pressure: 150 PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 02/27/2014
Sampled By: CHARLIE WELLS
Foreman/Engr.:

OIL CONS. DIV DIST. 3

MAY 14 2014

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.700	0.0770	0.00	0.0068
CO2	0.341	0.0580	0.00	0.0052
Methane	81.925	13.9320	827.44	0.4538
Ethane	8.634	2.3160	152.80	0.0896
Propane	5.363	1.4820	134.94	0.0817
Iso-Butane	0.879	0.2890	28.58	0.0176
N-Butane	1.210	0.3830	39.47	0.0243
I-Pentane	0.300	0.1100	12.00	0.0075
N-Pentane	0.206	0.0750	8.26	0.0051
Hexane Plus	0.442	0.1980	23.30	0.0146
Total	100.000	18.9200	1226.79	0.7062

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0034
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1233.8
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1212.3
REAL SPECIFIC GRAVITY: 0.7083

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

DRY BTU @ 14.650: 1227.1
DRY BTU @ 14.696: 1231.0
DRY BTU @ 14.730: 1233.8
DRY BTU @ 15.025: 1258.5

CYLINDER #: K099
CYLINDER PRESSURE: 137 PSIG
DATE RUN: 3/10/14 1:13 PM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-6 #59 INT
Stn. No.: 86021-01
Mtr. No.: AM02348468NO

INTERMEDIATE
MESA VERDE

03/20/2014
18300-18720

Smpl Date:	02/27/2014	06/20/2013	06/28/2010
Test Date:	03/10/2014	06/27/2013	06/30/2010
Run No:	CP140159	CP130625	CP100425
Nitrogen:	0.700	0.756	0.825
CO2:	0.341	0.345	0.240
Methane:	81.925	84.913	81.392
Ethane:	8.634	8.394	8.429
Propane:	5.363	3.822	5.468
I-Butane:	0.879	0.470	1.060
N-Butane:	1.210	0.590	1.602
I-Pentane:	0.300	0.166	0.447
N-Pentane:	0.206	0.128	0.283
Hexane+:	0.442	0.416	0.254
BTU:	1233.8	1176.8	1245.4
GPM:	18.9200	18.5190	18.9930
SPG:	0.7083	0.6723	0.7153