



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

Analysis No: CP140184
Cust No: 18300-25605

30-039-23717

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 30-5 #61
County/State: RIO ARRIBA NM
Location: A15-30N-05W
Field:
Formation: MESA VERDE
Cust. Stn. No.: AM00012876NO

Source: CASING
Pressure: 163 PSIG
Sample Temp: 66 DEG. F
Well Flowing: Y
Date Sampled: 02/19/2014
Sampled By: RODNEY GREENE
Foreman/Engr.: CHANDLER WITTLE

OIL CONS. DIV DIST. 3
MAY 14 2014

Remarks: PRESSURED WITH HELIUM TO 30 LBS. CYLINDER ONLY HAD 3 LBS. WHEN OPENING. CHECKED FOR LEAKS AND FOUND NONE. LEASE NO: SF-078997

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	41.325	4.5520	0.00	0.3997
CO2	0.515	0.0880	0.00	0.0078
Methane	54.145	9.1900	546.86	0.2999
Ethane	1.904	0.5100	33.70	0.0198
Propane	0.954	0.2630	24.00	0.0145
Iso-Butane	0.183	0.0600	5.95	0.0037
N-Butane	0.294	0.0930	9.59	0.0059
I-Pentane	0.114	0.0420	4.56	0.0028
N-Pentane	0.089	0.0320	3.57	0.0022
Hexane Plus	0.477	0.2130	25.14	0.0158
Total	100.000	15.0430	653.38	0.7721

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0014
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 655.8
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 644.4
REAL SPECIFIC GRAVITY: 0.7729

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

DRY BTU @ 14.650: 652.2
DRY BTU @ 14.696: 654.3
DRY BTU @ 14.730: 655.8
DRY BTU @ 15.025: 668.9

CYLINDER #: 201
CYLINDER PRESSURE: PSIG
DATE RUN: 3/20/14 12:00 AM
ANALYSIS RUN BY: LOGAN CHENEY



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 30-5 #61
Str. No.: AM00012876NO
Mtr. No.:

CASING
MESA VERDE

03/26/2014
18300-25605

Smpl Date: 02/19/2014
Test Date: 03/20/2014
Run No: CP140184
Nitrogen: 41.325
CO2: 0.515
Methane: 54.145
Ethane: 1.904
Propane: 0.954
I-Butane: 0.183
N-Butane: 0.294
I-Pentane: 0.114
N-Pentane: 0.089
Hexane+: 0.477
BTU: 655.8
GPM: 15.0430
SPG: 0.7729



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

Analysis No: CP140183
Cust No: 18300-25600

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 30-5 #61
County/State: RIO ARRIBA NM
Location: A15-30N-05W
Field:
Formation: MESA VERDE
Cust. Stn. No.: AM00012876NO

Source: BRADENHEAD
Pressure: 0.3 PSIA
Sample Temp: 53 DEG. F
Well Flowing: Y
Date Sampled: 02/19/2014
Sampled By: RODNEY GREENE
Foreman/Engr.: CHANDLER WITTLE

OIL CONS. DIV DIST. 3
MAY 14 2014

Remarks: PRESSURED WITH HELIUM TO 30 LBS. LEASE NO: SF-078997

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	3.860	0.4250	0.00	0.0373
CO2	0.081	0.0140	0.00	0.0012
Methane	93.272	15.8400	942.05	0.5166
Ethane	2.556	0.6850	45.23	0.0265
Propane	0.151	0.0420	3.80	0.0023
Iso-Butane	0.000	0.0000	0.00	0.0000
N-Butane	0.004	0.0010	0.13	0.0001
I-Pentane	0.000	0.0000	0.00	0.0000
N-Pentane	0.000	0.0000	0.00	0.0000
Hexane Plus	0.076	0.0340	4.01	0.0025
Total	100.000	17.0410	995.22	0.5866

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.002
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 999.5
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 982.1
REAL SPECIFIC GRAVITY: 0.5876

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

DRY BTU @ 14.650: 994.1
DRY BTU @ 14.696: 997.2
DRY BTU @ 14.730: 999.5
DRY BTU @ 15.025: 1019.5

CYLINDER #: 20
CYLINDER PRESSURE: PSIG
DATE RUN: 3/20/14 12:00 AM
ANALYSIS RUN BY: LOGAN CHENEY



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 30-5 #61
Stn. No.: AM00012876NO
Mtr. No.:

BRADENHEAD
MESA VERDE

03/26/2014
18300-25600

Smpl Date: 02/19/2014
Test Date: 03/20/2014
Run No: CP140183
Nitrogen: 3.860
CO2: 0.081
Methane: 93.272
Ethane: 2.556
Propane: 0.151
I-Butane: 0.000
N-Butane: 0.004
I-Pentane: 0.000
N-Pentane: 0.000
Hexane+: 0.076
BTU: 999.5
GPM: 17.0410
SPG: 0.5876