



APT #
3003923717

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

Analysis No: CP140678
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: 23 PSIA
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 08/04/2014
Sampled By: J. H.
Foreman/Engr.: PRISCILLA SHORTY

OIL CONS. DIV DIST. 3
AUG 15 2014

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	2.948	0.3250	0.00	0.0285
CO2	0.077	0.0130	0.00	0.0012
Methane	93.886	15.9460	948.25	0.5200
Ethane	2.695	0.7220	47.69	0.0280
Propane	0.168	0.0460	4.23	0.0026
Iso-Butane	0.004	0.0010	0.13	0.0001
N-Butane	0.007	0.0020	0.23	0.0001
I-Pentane	0.000	0.0000	0.00	0.0000
N-Pentane	0.000	0.0000	0.00	0.0000
Hexane Plus	0.215	0.0960	11.33	0.0071
Total	100.000	17.1510	*1011.86	0.5876

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0021
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1016.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 998.6
REAL SPECIFIC GRAVITY: 0.5886

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

DRY BTU @ 14.650: 1010.8
DRY BTU @ 14.696: 1014.0
DRY BTU @ 14.730: 1016.3
DRY BTU @ 15.025: 1036.7

CYLINDER #: 4214
CYLINDER PRESSURE: 21 PSIG
DATE RUN: 8/5/14 2:44 PM
ANALYSIS RUN BY: JENNIFER DEAN



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

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

BRADENHEAD
MESA VERDE

08/12/2014
18300-25600

Smpl Date:	08/04/2014	02/19/2014
Test Date:	08/05/2014	03/20/2014
Run No:	CP140678	CP140183
Nitrogen:	2.948	3.860
CO2:	0.077	0.081
Methane:	93.886	93.272
Ethane:	2.695	2.556
Propane:	0.168	0.151
I-Butane:	0.004	0.000
N-Butane:	0.007	0.004
I-Pentane:	0.000	0.000
N-Pentane:	0.000	0.000
Hexane+:	0.215	0.076
BTU:	1016.3	999.5
GPM:	17.1510	17.0410
SPG:	0.5886	0.5876



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

Analysis No: CP140679
Cust No: 18300-25605

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: 178 PSIA
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 08/04/2014
Sampled By: J. H.
Foreman/Engr.: PRISCILLA SHORTY

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.114	0.0130	0.00	0.0011
CO2	0.676	0.1160	0.00	0.0103
Methane	94.312	16.0230	952.55	0.5224
Ethane	2.836	0.7600	50.19	0.0294
Propane	1.205	0.3330	30.32	0.0183
Iso-Butane	0.202	0.0660	6.57	0.0041
N-Butane	0.296	0.0940	9.66	0.0059
I-Pentane	0.094	0.0340	3.76	0.0023
N-Pentane	0.070	0.0250	2.81	0.0017
Hexane Plus	0.195	0.0870	10.28	0.0065
Total	100.000	17.5510	1066.13	0.6021

* @ 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): 1071.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1052.6
REAL SPECIFIC GRAVITY: 0.6033

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

DRY BTU @ 14.650: 1065.4
DRY BTU @ 14.696: 1068.7
DRY BTU @ 14.730: 1071.2
DRY BTU @ 15.025: 1092.7

CYLINDER #: 6204
CYLINDER PRESSURE: 168 PSIG
DATE RUN: 8/5/14 2:47 PM
ANALYSIS RUN BY: JENNIFER DEAN



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

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

CASING
MESA VERDE

08/12/2014
18300-25605

Smpl Date:	08/04/2014	02/19/2014
Test Date:	08/05/2014	03/20/2014
Run No:	CP140679	CP140184
Nitrogen:	0.114	41.325
CO2:	0.676	0.515
Methane:	94.312	54.145
Ethane:	2.836	1.904
Propane:	1.205	0.954
I-Butane:	0.202	0.183
N-Butane:	0.296	0.294
I-Pentane:	0.094	0.114
N-Pentane:	0.070	0.089
Hexane+:	0.195	0.477
BTU:	1071.2	655.8
GPM:	17.5510	15.0430
SPG:	0.6033	0.7729