



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

Analysis No: CP140152
Cust No: 18300-19240

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-6 #29 CSG
County/State: RIO ARRIBA NM
Location:
Field: AREA 24
Formation: MESA VERDE
Cust. Stn. No.: 71131
AM02345918NO
API 3003907337

Source: CASING
Pressure: 160 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	0.170	0.0190	0.00	0.0016
CO2	1.025	0.1750	0.00	0.0156
Methane	84.527	14.3720	853.72	0.4682
Ethane	7.810	2.0950	138.21	0.0811
Propane	3.466	0.9580	87.21	0.0528
Iso-Butane	0.673	0.2210	21.89	0.0135
N-Butane	0.998	0.3160	32.56	0.0200
I-Pentane	0.390	0.1430	15.60	0.0097
N-Pentane	0.295	0.1070	11.83	0.0073
Hexane Plus	0.646	0.2890	34.05	0.0214
Total	100.000	18.6950	1195.07	0.6912

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0032
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1201.7
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1180.8
REAL SPECIFIC GRAVITY: 0.6932

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

DRY BTU @ 14.650: 1195.2
DRY BTU @ 14.696: 1198.9
DRY BTU @ 14.730: 1201.7
DRY BTU @ 15.025: 1225.8

CYLINDER #: 4195
CYLINDER PRESSURE: 137 PSIG
DATE RUN: 3/10/14 1:03 PM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-6 #29 CSG
Stn. No.: 71131
Mtr. No.: AM02345918NO

CASING
MESA VERDE

03/20/2014
18300-19240

Smpl Date:	02/26/2014	07/27/2010
Test Date:	03/10/2014	08/03/2010
Run No:	CP140152	CP100590
Nitrogen:	0.170	0.194
CO2:	1.025	0.985
Methane:	84.527	85.035
Ethane:	7.810	7.761
Propane:	3.466	3.353
I-Butane:	0.673	0.603
N-Butane:	0.998	0.882
I-Pentane:	0.390	0.321
N-Pentane:	0.295	0.242
Hexane+:	0.646	0.624
BTU:	1201.7	1191.0
GPM:	18.6950	18.6150
SPG:	0.6932	0.6859



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

Analysis No: CP140153
Cust No: 18300-19245

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-6 #29 INT
County/State: RIO ARRIVA NM
Location:
Field: AREA 24
Formation: MESA VERDE
Cust. Stn. No.: 71136
AM02345918NO
API 3003907337

Source: INTERMEDIATE
Pressure: 360 PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 02/26/2014
Sampled By: CHARLIE WELLS
Foreman/Engr.:

OIL CONS. DIV DIST. 3

MAY 14 2014

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.187	0.0210	0.00	0.0018
CO2	0.249	0.0430	0.00	0.0038
Methane	89.843	15.2680	907.41	0.4976
Ethane	5.940	1.5920	105.12	0.0617
Propane	2.313	0.6390	58.20	0.0352
Iso-Butane	0.404	0.1330	13.14	0.0081
N-Butane	0.527	0.1670	17.19	0.0106
I-Pentane	0.192	0.0700	7.68	0.0048
N-Pentane	0.129	0.0470	5.17	0.0032
Hexane Plus	0.216	0.0970	11.39	0.0071
Total	100.000	18.0770	1125.30	0.6339

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0027

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1131.0

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1111.3

REAL SPECIFIC GRAVITY: 0.6354

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

DRY BTU @ 14.650: 1124.9

DRY BTU @ 14.696: 1128.4

DRY BTU @ 14.730: 1131.0

DRY BTU @ 15.025: 1153.7

CYLINDER #: 7001

CYLINDER PRESSURE: 330 PSIG

DATE RUN: 3/10/14 1:04 PM

ANALYSIS RUN BY: DAWN BLASSINGAME



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-6 #29 INT
Str. No.: 71136
Mtr. No.: AM02345918NO

INTERMEDIATE
MESA VERDE

03/20/2014
18300-19245

Smpl Date:	02/26/2014	07/27/2010
Test Date:	03/10/2014	08/03/2010
Run No:	CP140153	CP100591
Nitrogen:	0.187	0.186
CO2:	0.249	0.373
Methane:	89.843	89.616
Ethane:	5.940	5.929
Propane:	2.313	2.339
I-Butane:	0.404	0.411
N-Butane:	0.527	0.540
I-Pentane:	0.192	0.197
N-Pentane:	0.129	0.134
Hexane+:	0.216	0.275
BTU:	1131.0	1133.3
GPM:	18.0770	18.1050
SPG:	0.6354	0.6389