



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

Analysis No: BU140459
Cust No: 52100-16830

30-039 07862

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 30-6 #71 CSG
County/State: RIO ARRIBA NM
Location: 13H-30N-07W
Field:
Formation: MESA VERDE
Cust. Stn. No.: 71053
AM02361628NO

Source: CASING
Pressure: 122 PSIG
Sample Temp: 68 DEG. F
Well Flowing: Y
Date Sampled: 06/02/2014
Sampled By:
Foreman/Engr.: JASON MOBERG

Remarks: NM012293

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.313	0.0350	0.00	0.0030
CO2	0.271	0.0460	0.00	0.0041
Methane	85.709	14.5730	865.66	0.4747
Ethane	8.080	2.1670	142.99	0.0839
Propane	2.891	0.7990	72.74	0.0440
Iso-Butane	0.394	0.1290	12.81	0.0079
N-Butane	0.789	0.2490	25.74	0.0158
I-Pentane	0.276	0.1010	11.04	0.0069
N-Pentane	0.273	0.0990	10.94	0.0068
Hexane Plus	1.004	0.4490	52.92	0.0332
Total	100.000	18.6470	1194.85	0.6804

* @ 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): 1201.5
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1180.6
REAL SPECIFIC GRAVITY: 0.6823

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

DRY BTU @ 14.650: 1195.0
DRY BTU @ 14.696: 1198.7
DRY BTU @ 14.730: 1201.5
DRY BTU @ 15.025: 1225.6

CYLINDER #: 7000
CYLINDER PRESSURE: 119 PSIG
DATE RUN: 6/9/14 12:00 AM
ANALYSIS RUN BY: TIMBER EVERETT



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 30-6 #71 CSG
Stn. No.: 71053
Mtr. No.: AM02361628NO

CASING
MESA VERDE

06/12/2014
52100-16830

Smpl Date:	06/02/2014	12/03/2002
Test Date:	06/09/2014	12/04/2002
Run No:	BU140459	BU220134
Nitrogen:	0.313	0.297
CO ₂ :	0.271	0.363
Methane:	85.709	84.799
Ethane:	8.080	9.659
Propane:	2.891	3.406
I-Butane:	0.394	0.335
N-Butane:	0.789	0.640
I-Pentane:	0.276	0.148
N-Pentane:	0.273	0.126
Hexane+:	1.004	0.227
BTU:	1201.5	1173.8
GPM:	18.6470	18.5550
SPG:	0.6823	0.6660



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

Analysis No: BU140460
Cust No: 52100-16835

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 30-6 #71 INTRM
County/State: RIO ARRIBA NM
Location: 13H-30N-07W
Field:
Formation: MESA VERDE
Cust. Str. No.: 71053
AM02361628NO

Source: INTERMEDIATE
Pressure: 120 PSIG
Sample Temp: 68 DEG. F
Well Flowing: Y
Date Sampled: 06/02/2014
Sampled By:
Foreman/Engr.: JASON MOBERG

Remarks: NM012293

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.352	0.0390	0.00	0.0034
CO2	0.239	0.0410	0.00	0.0036
Methane	87.524	14.8770	883.99	0.4848
Ethane	7.538	2.0210	133.40	0.0783
Propane	2.382	0.6580	59.93	0.0363
Iso-Butane	0.347	0.1140	11.28	0.0070
N-Butane	0.709	0.2240	23.13	0.0142
I-Pentane	0.234	0.0860	9.36	0.0058
N-Pentane	0.211	0.0770	8.46	0.0053
Hexane Plus	0.464	0.2070	24.46	0.0154
Total	100.000	18.3440	1154.02	0.6540

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0029
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1160.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1139.9
REAL SPECIFIC GRAVITY: 0.6556

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

DRY BTU @ 14.650: 1153.8
DRY BTU @ 14.696: 1157.4
DRY BTU @ 14.730: 1160.1
DRY BTU @ 15.025: 1183.3

CYLINDER #: 6214
CYLINDER PRESSURE: 81 PSIG
DATE RUN: 6/9/14 9:55 AM
ANALYSIS RUN BY: TIMBER EVERETT



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 30-6 #71 INTRM
Stn. No.: 71053
Mtr. No.: AM02361628NO

INTERMEDIATE
MESA VERDE

06/12/2014
52100-16835

Smpl Date:	06/02/2014	12/03/2002
Test Date:	06/09/2014	12/04/2002
Run No:	BU140460	BU220135
Nitrogen:	0.352	0.396
CO2:	0.239	0.737
Methane:	87.524	81.162
Ethane:	7.538	9.089
Propane:	2.382	5.100
I-Butane:	0.347	0.824
N-Butane:	0.709	1.270
I-Pentane:	0.234	0.424
N-Pentane:	0.211	0.366
Hexane+:	0.464	0.632
BTU:	1160.1	1248.8
GPM:	18.3440	19.0690
SPG:	0.6556	0.7216