



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

Analysis No: CP140616
Cust No: 18300-26250

30039-20320

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 30-6 #65R INTRM
County/State: SAN JUAN
Location:
Field:
Formation: MESA VERDE
Cust. Stn. No.:
AM02361619NO

Source: INTERMEDIATE
Pressure: 113 PSIG
Sample Temp: 79 DEG. F
Well Flowing: Y
Date Sampled: 07/07/2014
Sampled By:
Foreman/Engr.:

Remarks: ELB 87201; TIME 14:00

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.113	0.0120	0.00	0.0011
CO2	1.690	0.2890	0.00	0.0257
Methane	87.401	14.8560	882.75	0.4841
Ethane	6.577	1.7640	116.39	0.0683
Propane	2.271	0.6270	57.14	0.0346
Iso-Butane	0.470	0.1540	15.28	0.0094
N-Butane	0.565	0.1790	18.43	0.0113
I-Pentane	0.241	0.0880	9.64	0.0060
N-Pentane	0.154	0.0560	6.17	0.0038
Hexane Plus	0.518	0.2320	27.30	0.0171
Total	100.000	18.2570	1133.12	0.6615

* @ 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): 1139.0
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1119.2
REAL SPECIFIC GRAVITY: 0.6632

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

DRY BTU @ 14.650: 1132.8
DRY BTU @ 14.696: 1136.4
DRY BTU @ 14.730: 1139.0
DRY BTU @ 15.025: 1161.8

CYLINDER #: 6092
CYLINDER PRESSURE: 109 PSIG
DATE RUN: 7/10/14 10:24 AM
ANALYSIS RUN BY: LOGAN CHENEY

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CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 30-6 #65R INTRM
Stn. No.:
Mtr. No.: AM02361619NO

INTERMEDIATE
MESA VERDE

08/20/2014
18300-26250

Smpl Date: 07/07/2014
Test Date: 07/10/2014
Run No: CP140616
Nitrogen: 0.113
CO2: 1.690
Methane: 87.401
Ethane: 6.577
Propane: 2.271
I-Butane: 0.470
N-Butane: 0.565
I-Pentane: 0.241
N-Pentane: 0.154
Hexane+: 0.518
BTU: 1139.0
GPM: 18.2570
SPG: 0.6632



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

Analysis No: CP140615
Cust No: 18300-26245

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 30-6 #65R CSG
County/State: SAN JUAN
Location:
Field:
Formation: MESA VERDE
Cust. Stn. No.:
AM02361619NO

Source: CASING
Pressure: 114 PSIG
Sample Temp: 80 DEG. F
Well Flowing: Y
Date Sampled: 07/07/2014
Sampled By:
Foreman/Engr.:

Remarks: ELB 87201; TIME 14:12

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.126	0.0140	0.00	0.0012
CO2	1.263	0.2160	0.00	0.0192
Methane	93.728	15.9240	946.65	0.5192
Ethane	2.979	0.7980	52.72	0.0309
Propane	1.061	0.2930	26.70	0.0162
Iso-Butane	0.201	0.0660	6.54	0.0040
N-Butane	0.256	0.0810	8.35	0.0051
I-Pentane	0.101	0.0370	4.04	0.0025
N-Pentane	0.064	0.0230	2.57	0.0016
Hexane Plus	0.221	0.0990	11.65	0.0073
Total	100.000	17.5510	1059.21	0.6072

* @ 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): 1064.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1045.7
REAL SPECIFIC GRAVITY: 0.6085

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

DRY BTU @ 14.650: 1058.4
DRY BTU @ 14.696: 1061.7
DRY BTU @ 14.730: 1064.2
DRY BTU @ 15.025: 1085.5

CYLINDER #: 7000
CYLINDER PRESSURE: 111 PSIG
DATE RUN: 7/10/14 10:22 AM
ANALYSIS RUN BY: LOGAN CHENEY



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 30-6 #65R CSG
Strn. No.:
Mtr. No.: AM02361619NO

CASING
MESA VERDE

08/20/2014
18300-26245

Smpl Date: 07/07/2014
Test Date: 07/10/2014
Run No: CP140615

Nitrogen: 0.126
CO2: 1.263
Methane: 93.728
Ethane: 2.979
Propane: 1.061
I-Butane: 0.201
N-Butane: 0.256
I-Pentane: 0.101
N-Pentane: 0.064
Hexane+: 0.221

BTU: 1064.2
GPM: 17.5510
SPG: 0.6085