



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

Analysis No: CP170363
Cust No: 18300-26250

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. Str. No.: 300392032000S01

Source: INTERMEDIATE
Pressure: 86 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 06/21/2017
Sampled By: GREG CRESSWELL
Foreman/Engr.:

OIL CONS. DIV DIST. 3
JUL 20 2017

Remarks: WO# 9270358

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.112	0.0120	0.00	0.0011
CO2	1.772	0.3030	0.00	0.0269
Methane	86.768	14.7500	876.36	0.4806
Ethane	6.881	1.8450	121.77	0.0714
Propane	2.378	0.6570	59.83	0.0362
Iso-Butane	0.498	0.1630	16.19	0.0100
N-Butane	0.591	0.1870	19.28	0.0119
I-Pentane	0.264	0.0970	10.56	0.0066
N-Pentane	0.173	0.0630	6.93	0.0043
Hexane Plus	0.563	0.2520	29.68	0.0186
Total	100.000	18.3290	1140.61	0.6676

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.003
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1146.6
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1126.6
REAL SPECIFIC GRAVITY: 0.6693

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

DRY BTU @ 14.650: 1140.4
DRY BTU @ 14.696: 1144.0
DRY BTU @ 14.730: 1146.6
DRY BTU @ 15.025: 1169.6

CYLINDER #: 140
CYLINDER PRESSURE: 86 PSIG
DATE RUN: 6/30/17 12:00 AM
ANALYSIS RUN BY: CAMERON MANGAN

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CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 30-6 #65R INTRM
Stn. No.:
Mtr. No.: 300392032000S01

INTERMEDIATE
MESA VERDE

07/18/2017
18300-26250

Smpl Date:	06/21/2017	07/07/2014
Test Date:	06/30/2017	07/10/2014
Run No:	CP170363	CP140616
Nitrogen:	0.112	0.113
CO2:	1.772	1.690
Methane:	86.768	87.401
Ethane:	6.881	6.577
Propane:	2.378	2.271
I-Butane:	0.498	0.470
N-Butane:	0.591	0.565
I-Pentane:	0.264	0.241
N-Pentane:	0.173	0.154
Hexane+:	0.563	0.518
BTU:	1146.6	1139.0
GPM:	18.3290	18.2570
SPG:	0.6693	0.6632



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

Analysis No: CP170361
Cust No: 18300-32480

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 30-6 65R; BHD
County/State:
Location:
Field:
Formation:
Cust. Str. No.: 300392032000S01

Source: BRADENHEAD
Pressure: 2 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 06/21/2017
Sampled By: GREG CRESSWELL
Foreman/Engr.: BERKLEY BROWN

OIL CONS. DIV DIST. 3

JUL 20 2017

Remarks: PRESSURED WITH HELIUM TO 30 LBS. WO# 9270358

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	72.924	8.0270	0.00	0.7053
CO2	0.073	0.0120	0.00	0.0011
Methane	23.395	3.9680	236.29	0.1296
Ethane	1.965	0.5260	34.77	0.0204
Propane	0.756	0.2080	19.02	0.0115
Iso-Butane	0.117	0.0380	3.80	0.0023
N-Butane	0.219	0.0690	7.14	0.0044
I-Pentane	0.079	0.0290	3.16	0.0020
N-Pentane	0.063	0.0230	2.53	0.0016
Hexane Plus	0.409	0.1820	21.56	0.0135
Total	100.000	13.0820	328.28	0.8917

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0008
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 329.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 323.6
REAL SPECIFIC GRAVITY: 0.8921

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

DRY BTU @ 14.650: 327.5
DRY BTU @ 14.696: 328.5
DRY BTU @ 14.730: 329.3
DRY BTU @ 15.025: 335.9

CYLINDER #: 084
CYLINDER PRESSURE: PSIG
DATE RUN: 6/29/17 12:00 AM
ANALYSIS RUN BY: ALEX VALDEZ



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 30-6 65R; BHD
Stn. No.:
Mtr. No.: 300392032000S01

BRADENHEAD

07/18/2017
18300-32480

Smpl Date: 06/21/2017
Test Date: 06/29/2017
Run No: CP170361

Nitrogen: 72.924
CO2: 0.073
Methane: 23.395
Ethane: 1.965
Propane: 0.756
I-Butane: 0.117
N-Butane: 0.219
I-Pentane: 0.079
N-Pentane: 0.063
Hexane+: 0.409

BTU: 329.3
GPM: 13.0820
SPG: 0.8921



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

Analysis No: CP170362
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. Str. No.: 300392032000S01

OIL CONS. DIV DIST. 3
JUL 20 2017

Source: CASING
Pressure: 86 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 06/21/2017
Sampled By: GREG CRESSWELL
Foreman/Engr.:

Remarks: WO# 9270358

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.294	0.0320	0.00	0.0028
CO2	1.734	0.2970	0.00	0.0263
Methane	86.862	14.7650	877.30	0.4811
Ethane	6.847	1.8360	121.17	0.0711
Propane	2.337	0.6460	58.80	0.0356
Iso-Butane	0.486	0.1590	15.80	0.0098
N-Butane	0.575	0.1820	18.76	0.0115
I-Pentane	0.254	0.0930	10.16	0.0063
N-Pentane	0.165	0.0600	6.61	0.0041
Hexane Plus	0.446	0.1990	23.51	0.0148
Total	100.000	18.2690	1132.13	0.6635

* @ 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): 1138.0
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1118.2
REAL SPECIFIC GRAVITY: 0.6651

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

DRY BTU @ 14.650: 1131.8
DRY BTU @ 14.696: 1135.4
DRY BTU @ 14.730: 1138.0
DRY BTU @ 15.025: 1160.8

CYLINDER #: 006
CYLINDER PRESSURE: 82 PSIG
DATE RUN: 6/29/17 12:00 AM
ANALYSIS RUN BY: ALEX VALDEZ



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 30-6 #65R CSG
Stn. No.:
Mtr. No.: 300392032000S01

CASING
MESA VERDE

07/18/2017
18300-26245

Smpl Date:	06/21/2017	07/07/2014
Test Date:	06/29/2017	07/10/2014
Run No:	CP170362	CP140615
Nitrogen:	0.294	0.126
CO2:	1.734	1.263
Methane:	86.862	93.728
Ethane:	6.847	2.979
Propane:	2.337	1.061
I-Butane:	0.486	0.201
N-Butane:	0.575	0.256
I-Pentane:	0.254	0.101
N-Pentane:	0.165	0.064
Hexane+:	0.446	0.221
BTU:	1138.0	1064.2
GPM:	18.2690	17.5510
SPG:	0.6651	0.6085



Well Name: SAN JUAN 30-6 UNIT #65R

Current Schematic

API / UWI 3003920320	Surface Legal Location 013-030N-007W-H	Field Name BLANCO MV (PRO #0078)	License No.	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 6,248.00	Original KB/RT Elevation (ft)	KB-Ground Distance (ft) 6,259.20	11.20	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)

Sidetrack1, 7/19/2017 6:52:31 AM

