



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

Analysis No: CP160463
Cust No: 18300-25715

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 30-5 #48M
County/State: RIO ARRIBA NM
Location: I02-30N-05W
Field:
Formation: MV/DK
Cust. Str. No.: AM00345626NO
3003926367

Source: BRADENHEAD
Pressure: 28 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 08/11/2016
Sampled By: SHAD BROWN
Foreman/Engr.: BERKLY BROWN

OIL CONS. DIV DIST. 3

AUG 31 2016

Remarks: W/O# 9277146

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.454	0.1600	0.00	0.0141
CO2	0.068	0.0120	0.00	0.0010
Methane	93.203	15.8310	941.35	0.5163
Ethane	4.787	1.2830	84.72	0.0497
Propane	0.168	0.0460	4.23	0.0026
Iso-Butane	0.059	0.0190	1.92	0.0012
N-Butane	0.026	0.0080	0.85	0.0005
I-Pentane	0.020	0.0070	0.80	0.0005
N-Pentane	0.008	0.0030	0.32	0.0002
Hexane Plus	0.207	0.0920	10.91	0.0069
Total	100.000	17.4610	1045.09	0.5929

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0022

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1049.8

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1031.5

REAL SPECIFIC GRAVITY: 0.5939

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

DRY BTU @ 14.650: 1044.1

DRY BTU @ 14.696: 1047.4

DRY BTU @ 14.730: 1049.8

DRY BTU @ 15.025: 1070.8

CYLINDER #: 4134

CYLINDER PRESSURE: 17 PSIG

DATE RUN: 8/12/16 3:24 PM

ANALYSIS RUN BY: PATRICIA KING

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CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 30-5 #48M
Stn. No.: AM00345626NO
Mtr. No.: 3003926367

BRADENHEAD
MV/DK

08/16/2016
18300-25715

Smpl Date:	08/11/2016	02/19/2014
Test Date:	08/12/2016	03/25/2014
Run No:	CP160463	CP140206
Nitrogen:	1.454	1.374
CO2:	0.068	0.024
Methane:	93.203	93.325
Ethane:	4.787	4.833
Propane:	0.168	0.172
I-Butane:	0.059	0.061
N-Butane:	0.026	0.026
I-Pentane:	0.020	0.019
N-Pentane:	0.008	0.008
Hexane+:	0.207	0.158
BTU:	1049.8	1049.4
GPM:	17.4610	17.4580
SPG:	0.5939	0.5921



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

Analysis No: CP160464
Cust No: 18300-25635

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 30-5 #48M
County/State: RIO ARRIBA NM
Location: I20-30N-05W
Field:
Formation: MV/DK
Cust. Str. No.: AM00345626NO
3003926367

Source: CASING
Pressure: 333 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 08/11/2016
Sampled By: SHAD BROWN
Foreman/Engr.: BERKLY BROWN

Remarks: W/O# 9277146

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.060	0.0070	0.00	0.0006
CO2	1.683	0.2880	0.00	0.0256
Methane	95.008	16.1380	959.58	0.5262
Ethane	2.511	0.6730	44.44	0.0261
Propane	0.446	0.1230	11.22	0.0068
Iso-Butane	0.095	0.0310	3.09	0.0019
N-Butane	0.068	0.0210	2.22	0.0014
I-Pentane	0.039	0.0140	1.56	0.0010
N-Pentane	0.024	0.0090	0.96	0.0006
Hexane Plus	0.066	0.0290	3.48	0.0022
Total	100.000	17.3330	1026.55	0.5923

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0022
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1031.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1013.3
REAL SPECIFIC GRAVITY: 0.5934

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

DRY BTU @ 14.650: 1025.6
DRY BTU @ 14.696: 1028.8
DRY BTU @ 14.730: 1031.2
DRY BTU @ 15.025: 1051.9

CYLINDER #: 6232
CYLINDER PRESSURE: 157 PSIG
DATE RUN: 8/12/16 3:25 PM
ANALYSIS RUN BY: DAWN BLASSINGAME



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 30-5 #48M
Stn. No.: AM00345626NO
Mtr. No.: 3003926367

CASING
MV/DK

08/16/2016
18300-25635

Smpl Date:	08/11/2016	02/19/2014
Test Date:	08/12/2016	03/20/2014
Run No:	CP160464	CP140190
Nitrogen:	0.060	0.133
CO2:	1.683	1.503
Methane:	95.008	87.973
Ethane:	2.511	7.349
Propane:	0.446	2.039
I-Butane:	0.095	0.259
N-Butane:	0.068	0.351
I-Pentane:	0.039	0.111
N-Pentane:	0.024	0.068
Hexane+:	0.066	0.214
BTU:	1031.2	1113.8
GPM:	17.3330	18.1140
SPG:	0.5934	0.6440