

30 039 30644



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

Analysis No: CP140526
Cust No: 18300-19105

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SJ 30-5 #72M
County/State: RIO ARRIBA NM
Location: P10-30N-05W
Field:
Formation: MV/DK
Cust. Stn. No.: A02429802SM

Source: INTERMEDIATE
Pressure: 1272 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 06/20/2014
Sampled By: SHAD BROWN
Foreman/Engr.: MICHELL BENTSON

RCVD SEP 25 '14
OIL CONS. DIV.
DIST. 3

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.159	0.0180	0.00	0.0015
CO2	0.543	0.0930	0.00	0.0083
Methane	96.441	16.3810	974.05	0.5342
Ethane	1.727	0.4630	30.56	0.0179
Propane	0.699	0.1930	17.59	0.0106
Iso-Butane	0.117	0.0380	3.80	0.0023
N-Butane	0.163	0.0510	5.32	0.0033
I-Pentane	0.048	0.0180	1.92	0.0012
N-Pentane	0.033	0.0120	1.32	0.0008
Hexane Plus	0.070	0.0310	3.69	0.0023
Total	100.000	17.2980	1038.26	0.5825

* @ 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): 1043.0
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1024.9
REAL SPECIFIC GRAVITY: 0.5836

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

DRY BTU @ 14.650: 1037.3
DRY BTU @ 14.696: 1040.6
DRY BTU @ 14.730: 1043.0
DRY BTU @ 15.025: 1063.9

CYLINDER #: 4146
CYLINDER PRESSURE: 114 PSIG
DATE RUN: 6/24/14 12:00 AM
ANALYSIS RUN BY: AMANDA ARMENTA



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SJ 30-5 #72M
Stn. No.: A02429802SM
Mtr. No.:

INTERMEDIATE
MV/DK

06/25/2014
18300-19105

Smpl Date:	06/20/2014	07/07/2010
Test Date:	06/24/2014	07/08/2010
Run No:	CP140526	CP100518
Nitrogen:	0.159	0.104
CO2:	0.543	0.246
Methane:	96.441	96.985
Ethane:	1.727	1.574
Propane:	0.699	0.628
I-Butane:	0.117	0.107
N-Butane:	0.163	0.154
I-Pentane:	0.048	0.051
N-Pentane:	0.033	0.037
Hexane+:	0.070	0.114
BTU:	1043.0	1046.0
GPM:	17.2980	17.2860
SPG:	0.5836	0.5800

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

Analysis No: CP140525
Cust No: 18300-19100

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SJ 30-5 #72M
County/State: RIO ARRIBA NM
Location: P10-30N-05W
Field:
Formation: MV/DK
Cust. Stn. No.: A02429802SM

Source: CASING
Pressure: 181 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 06/20/2014
Sampled By: SHAD BROWN
Foreman/Engr.: MICHELLE BENTSON
RCVD SEP 25 '14
OIL CONS. DIV.
DIST. 3

Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.105	0.0120	0.00	0.0010
CO2	0.530	0.0910	0.00	0.0081
Methane	96.353	16.3670	973.17	0.5337
Ethane	1.740	0.4660	30.79	0.0181
Propane	0.711	0.1960	17.89	0.0108
Iso-Butane	0.118	0.0390	3.84	0.0024
N-Butane	0.172	0.0540	5.61	0.0035
I-Pentane	0.052	0.0190	2.08	0.0013
N-Pentane	0.038	0.0140	1.52	0.0009
Hexane Plus	0.181	0.0810	9.54	0.0060
Total	100.000	17.3390	1044.44	0.5857

* @ 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): 1049.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1030.9
REAL SPECIFIC GRAVITY: 0.5868

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

DRY BTU @ 14.650: 1043.5
DRY BTU @ 14.696: 1046.8
DRY BTU @ 14.730: 1049.2
DRY BTU @ 15.025: 1070.2

CYLINDER #: 6075
CYLINDER PRESSURE: 181 PSIG
DATE RUN: 6/24/14 12:00 AM
ANALYSIS RUN BY: LOGAN CHENEY



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SJ 30-5 #72M
Stn. No.: A02429802SM
Mtr. No.:

CASING
MV/DK

06/25/2014
18300-19100

Smpl Date:	06/20/2014	07/07/2010
Test Date:	06/24/2014	07/08/2010
Run No:	CP140525	CP100517
Nitrogen:	0.105	0.483
CO2:	0.530	0.802
Methane:	96.353	93.633
Ethane:	1.740	3.718
Propane:	0.711	0.825
I-Butane:	0.118	0.160
N-Butane:	0.172	0.136
I-Pentane:	0.052	0.058
N-Pentane:	0.038	0.031
Hexane+:	0.181	0.154
BTU:	1049.2	1058.4
GPM:	17.3390	17.5110
SPG:	0.5868	0.6011