



API #3003907472

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CP140670
Cust No: 18300-19185**Well/Lease Information**Customer Name: CONOCO PHILLIPS COMPANY
Well Name: **SAN JUAN 29-5 #38 CSG**
County/State: RIO ARRIBA NM
Location: M32-29N-05W
Field:
Formation: BLANCO MV
Cust. Stn. No.: 86228
AM00012675NOSource: CASING
Pressure: 120 PSIG
Sample Temp: 74 DEG. F
Well Flowing: N
Date Sampled: 08/04/2014
Sampled By: JOSHUA W.
Foreman/Engr.: MICHELLE BENTSON**OIL CONS. DIV DIST. 3****AUG 05 2015**

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.202	0.0220	0.00	0.0020
CO2	0.905	0.1550	0.00	0.0138
Methane	85.415	14.5220	862.69	0.4731
Ethane	7.929	2.1270	140.32	0.0823
Propane	3.332	0.9210	83.84	0.0507
Iso-Butane	0.510	0.1670	16.58	0.0102
N-Butane	0.816	0.2580	26.62	0.0164
I-Pentane	0.249	0.0910	9.96	0.0062
N-Pentane	0.188	0.0680	7.54	0.0047
Hexane Plus	0.454	0.2030	23.93	0.0150
Total	100.000	18.5340	1171.48	0.6744

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0031
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1177.8
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1157.3
REAL SPECIFIC GRAVITY: 0.6762GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.DRY BTU @ 14.650: 1171.4
DRY BTU @ 14.696: 1175.1
DRY BTU @ 14.730: 1177.8
DRY BTU @ 15.025: 1201.4CYLINDER #: 4126
CYLINDER PRESSURE: 121 PSIG
DATE RUN: 8/5/14 1:39 PM
ANALYSIS RUN BY: JENNIFER DEAN



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 29-5 #38 CSG
Stn. No.: 86228
Mtr. No.: AM00012675NO

CASING
BLANCO MV

08/07/2014
18300-19185

Smpl Date:	08/04/2014	02/25/2014	07/21/2010
Test Date:	08/05/2014	03/10/2014	07/23/2010
Run No:	CP140670	CP140167	CP100576
Nitrogen:	0.202	0.194	0.344
CO2:	0.905	0.978	1.235
Methane:	85.415	85.485	84.344
Ethane:	7.929	7.552	8.275
Propane:	3.332	3.260	3.469
I-Butane:	0.510	0.489	0.555
N-Butane:	0.816	0.831	0.853
I-Pentane:	0.249	0.272	0.268
N-Pentane:	0.188	0.219	0.196
Hexane+:	0.454	0.720	0.461
BTU:	1177.8	1186.1	1180.7
GPM:	18.5340	18.5730	18.5910
SPG:	0.6762	0.6827	0.6850



API #3003907472

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CP140671
Cust No: 18300-26405**Well/Lease Information**Customer Name: CONOCO PHILLIPS COMPANY
Well Name: **SAN JUAN 29-5 #38; INT**
County/State: RIO ARRIBA NM
Location: M32-29N-05W
Field:
Formation: BLANCO MV
Cust. Stn. No.: 8622801
AM00012675NOSource: INTERMEDIATE
Pressure: 120 PSIG
Sample Temp: 74 DEG. F
Well Flowing: N
Date Sampled: 08/04/2014
Sampled By: JOSHUA W.
Foreman/Engr.: MICHELLE BENTSON**OIL CONS. DIV DIST. 3**

Remarks:

AUG 05 2015**Analysis**

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.188	0.0210	0.00	0.0018
CO2	0.898	0.1540	0.00	0.0136
Methane	85.064	14.4630	859.14	0.4712
Ethane	7.937	2.1290	140.46	0.0824
Propane	3.388	0.9360	85.25	0.0516
Iso-Butane	0.531	0.1740	17.27	0.0107
N-Butane	0.868	0.2740	28.32	0.0174
I-Pentane	0.282	0.1030	11.28	0.0070
N-Pentane	0.219	0.0800	8.78	0.0055
Hexane Plus	0.625	0.2800	32.94	0.0207
Total	100.000	18.6140	1183.44	0.6819

* @ 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): 1189.9
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1169.2
REAL SPECIFIC GRAVITY: 0.6837GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.DRY BTU @ 14.650: 1183.4
DRY BTU @ 14.696: 1187.2
DRY BTU @ 14.730: 1189.9
DRY BTU @ 15.025: 1213.7CYLINDER #: 6189
CYLINDER PRESSURE: 122 PSIG
DATE RUN: 8/5/14 12:00 AM
ANALYSIS RUN BY: JENNIFER DEAN



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 29-5 #38; INT
Stn. No.: 8622801
Mtr. No.: AM00012675NO

INTERMEDIATE
BLANCO MV

08/07/2014
18300-26405

Smpl Date: 08/04/2014
Test Date: 08/05/2014
Run No: CP140671

Nitrogen: 0.188
CO2: 0.898
Methane: 85.064
Ethane: 7.937
Propane: 3.388
I-Butane: 0.531
N-Butane: 0.868
I-Pentane: 0.282
N-Pentane: 0.219
Hexane+: 0.625

BTU: 1189.9
GPM: 18.6140
SPG: 0.6837