



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

Analysis No: CP140129
Cust No: 18300-25545

30-039-21813

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 30-5 #48 CSG
County/State: RIO ARRIBA
Location:
Field:
Formation: MV/DK
Cust. Stn. No.: AM00006849NO

Source: *Casing*
Pressure: 158 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 02/19/2014
Sampled By: SHAD BROWN
Foreman/Engr.:

OIL CONS. DIV DIST. 3
MAY 14 2014

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.081	0.0090	0.00	0.0008
CO2	1.712	0.2930	0.00	0.0260
Methane	95.916	16.2920	968.75	0.5313
Ethane	1.761	0.4720	31.17	0.0183
Propane	0.282	0.0780	7.10	0.0043
Iso-Butane	0.071	0.0230	2.31	0.0014
N-Butane	0.041	0.0130	1.34	0.0008
I-Pentane	0.023	0.0080	0.92	0.0006
N-Pentane	0.010	0.0040	0.40	0.0002
Hexane Plus	0.103	0.0460	5.43	0.0034
Total	100.000	17.2380	1017.41	0.5871

* @ 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): 1022.0

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1004.2

REAL SPECIFIC GRAVITY: 0.5882

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

DRY BTU @ 14.650: 1016.4

DRY BTU @ 14.696: 1019.6

DRY BTU @ 14.730: 1022.0

DRY BTU @ 15.025: 1042.5

CYLINDER #: Y43

CYLINDER PRESSURE: 81 PSIG

DATE RUN: 3/10/14 10:30 AM

ANALYSIS RUN BY: PATRICIA KING



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

Analysis No: CP140130
Cust No: 18300-25550

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 30-5 #48 INT
County/State:
Location:
Field:
Formation: MV/DK
Cust. Stn. No.: AM00006849NO

Source: *Intermediate*
Pressure: 162 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 02/19/2014
Sampled By: SHAD BROWN
Foreman/Engr.:

RIO ARRIBA

Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.088	0.0100	0.00	0.0009
CO2	2.395	0.4090	0.00	0.0364
Methane	96.626	16.4110	975.92	0.5352
Ethane	0.646	0.1730	11.43	0.0067
Propane	0.087	0.0240	2.19	0.0013
Iso-Butane	0.025	0.0080	0.81	0.0005
N-Butane	0.014	0.0040	0.46	0.0003
I-Pentane	0.008	0.0030	0.32	0.0002
N-Pentane	0.003	0.0010	0.12	0.0001
Hexane Plus	0.108	0.0480	5.69	0.0036
Total	100.000	17.0910	996.95	0.5851

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0021
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1001.4
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 984.0
REAL SPECIFIC GRAVITY: 0.5861

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

DRY BTU @ 14.650: 996.0
DRY BTU @ 14.696: 999.1
DRY BTU @ 14.730: 1001.4
DRY BTU @ 15.025: 1021.5

CYLINDER #: GAS212
CYLINDER PRESSURE: 80 PSIG
DATE RUN: 3/10/14 10:38 AM
ANALYSIS RUN BY: PATRICIA KING