



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

Analysis No: CP140147
Cust No: 18300-25490

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-4 NP #226 CSG
County/State: RIO ARRIBA
Location:
Field: AREA 25
Formation:
Cust. Stn. No.: 9952572
API 3003925286

Source: CASING
Pressure: 204 PSIG
Sample Temp: 55 DEG. F
Well Flowing:
Date Sampled: 02/26/2014
Sampled By: LYNN HOPPE
Foreman/Engr.:

OIL CONS. DIV DIST. 3

MAY 14 2014

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.635	0.1800	0.00	0.0158
CO2	0.191	0.0330	0.00	0.0029
Methane	97.682	16.5890	986.59	0.5411
Ethane	0.166	0.0440	2.94	0.0017
Propane	0.000	0.0000	0.00	0.0000
Iso-Butane	0.000	0.0000	0.00	0.0000
N-Butane	0.000	0.0000	0.00	0.0000
I-Pentane	0.000	0.0000	0.00	0.0000
N-Pentane	0.000	0.0000	0.00	0.0000
Hexane Plus	0.326	0.1460	17.18	0.0108
Total	100.000	16.9920	1006.71	0.5723

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.002
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1011.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 993.5
REAL SPECIFIC GRAVITY: 0.5732

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

DRY BTU @ 14.650: 1005.6
DRY BTU @ 14.696: 1008.8
DRY BTU @ 14.730: 1011.1
DRY BTU @ 15.025: 1031.3

CYLINDER #: GAS196
CYLINDER PRESSURE: 185 PSIG
DATE RUN: 3/11/14 12:57 PM
ANALYSIS RUN BY: LOGAN CHENEY



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-4 NP #226 CSG
Stn. No.: 9952572
Mtr. No.: API 3003925286

CASING

03/20/2014
18300-25490

Smpl Date: 02/26/2014
Test Date: 03/11/2014
Run No: CP140147

Nitrogen: 1.635
CO2: 0.191
Methane: 97.682
Ethane: 0.166
Propane: 0.000
I-Butane: 0.000
N-Butane: 0.000
I-Pentane: 0.000
N-Pentane: 0.000
Hexane+: 0.326

BTU: 1011.1
GPM: 16.9920
SPG: 0.5732



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

Analysis No: CP140146
Cust No: 18300-25485

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-4 NP #226 BHD
County/State: RIO ARRIBA
Location:
Field: AREA 25
Formation:
Cust. Stn. No.: 9952572
API 3003925286

Source: BRADENHEAD
Pressure: 200 PSIG
Sample Temp: 55 DEG. F
Well Flowing:
Date Sampled: 02/26/2014
Sampled By: LYNN HOPPE
Foreman/Engr.:

OIL CONS. DIV DIST. 3

Remarks:

MAY 14 2014

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.604	0.1770	0.00	0.0155
CO2	0.189	0.0320	0.00	0.0029
Methane	97.949	16.6340	989.28	0.5425
Ethane	0.159	0.0430	2.81	0.0017
Propane	0.000	0.0000	0.00	0.0000
Iso-Butane	0.000	0.0000	0.00	0.0000
N-Butane	0.000	0.0000	0.00	0.0000
I-Pentane	0.000	0.0000	0.00	0.0000
N-Pentane	0.000	0.0000	0.00	0.0000
Hexane Plus	0.099	0.0440	5.22	0.0033
Total	100.000	16.9300	997.32	0.5659

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.002
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1001.6
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 984.2
REAL SPECIFIC GRAVITY: 0.5668

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

DRY BTU @ 14.650: 996.2
DRY BTU @ 14.696: 999.3
DRY BTU @ 14.730: 1001.6
DRY BTU @ 15.025: 1021.7

CYLINDER #: GAS198
CYLINDER PRESSURE: 189 PSIG
DATE RUN: 3/11/14 12:56 PM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-4 NP #226 BHD
Stn. No.: 9952572
Mtr. No.: API 3003925286

BRADENHEAD

03/20/2014
18300-25485

Smpl Date: 02/26/2014
Test Date: 03/11/2014
Run No: CP140146
Nitrogen: 1.604
CO2: 0.189
Methane: 97.949
Ethane: 0.159
Propane: 0.000
I-Butane: 0.000
N-Butane: 0.000
I-Pentane: 0.000
N-Pentane: 0.000
Hexane+: 0.099
BTU: 1001.6
GPM: 16.9300
SPG: 0.5668