



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

Analysis No: CP140224
Cust No: 18300-25765

30-039-07422

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-7 #22 CSG
County/State: SAN JUAN
Location:
Field:
Formation: FC,PC,MV
Cust. Stn. No.: AM01841397NO

Source:
Pressure: 117 PSIG
Sample Temp: 45 DEG. F
Well Flowing: Y
Date Sampled: 03/11/2014
Sampled By: F. GARCIA
Foreman/Engr.:

OIL CONS. DIV DIST. 3
MAY 14 2014

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.283	0.0310	0.00	0.0027
CO2	0.903	0.1540	0.00	0.0137
Methane	90.910	15.4480	918.19	0.5036
Ethane	4.407	1.1810	77.99	0.0458
Propane	2.321	0.6410	58.40	0.0353
Iso-Butane	0.445	0.1460	14.47	0.0089
N-Butane	0.370	0.1170	12.07	0.0074
I-Pentane	0.117	0.0430	4.68	0.0029
N-Pentane	0.066	0.0240	2.65	0.0016
Hexane Plus	0.178	0.0800	9.38	0.0059
Total	100.000	17.8650	1097.83	0.6279

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0026
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1103.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1084.0
REAL SPECIFIC GRAVITY: 0.6293

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

DRY BTU @ 14.650: 1097.2
DRY BTU @ 14.696: 1100.7
DRY BTU @ 14.730: 1103.2
DRY BTU @ 15.025: 1125.3

CYLINDER #: 4128
CYLINDER PRESSURE: 118 PSIG
DATE RUN: 3/28/14 9:46 AM
ANALYSIS RUN BY: LOGAN CHENEY



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-7 #22 CSG
Stn. No.:
Mtr. No.: AM01841397NO

FC,PC,MV

04/01/2014
18300-25765

Smpl Date: 03/11/2014
Test Date: 03/28/2014
Run No: CP140224
Nitrogen: 0.283
CO2: 0.903
Methane: 90.910
Ethane: 4.407
Propane: 2.321
I-Butane: 0.445
N-Butane: 0.370
I-Pentane: 0.117
N-Pentane: 0.066
Hexane+: 0.178
BTU: 1103.2
GPM: 17.8650
SPG: 0.6293



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

Analysis No: CP140225
Cust No: 18300-25770

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-7 #22 INTRM
County/State: SAN JUAN
Location:
Field:
Formation: FC,PC,MV
Cust. Stn. No.: AM01841397NO

Source:
Pressure: 119 PSIG
Sample Temp: 45 DEG. F
Well Flowing: Y
Date Sampled: 03/11/2014
Sampled By: F. GARCIA
Foreman/Engr.:

OIL CONS. DIV DIST. 3

Remarks:

MAY 14 2014

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.277	0.0310	0.00	0.0027
CO2	0.896	0.1530	0.00	0.0136
Methane	90.941	15.4530	918.51	0.5037
Ethane	4.409	1.1820	78.03	0.0458
Propane	2.321	0.6410	58.40	0.0353
Iso-Butane	0.444	0.1460	14.44	0.0089
N-Butane	0.369	0.1170	12.04	0.0074
I-Pentane	0.117	0.0430	4.68	0.0029
N-Pentane	0.065	0.0240	2.61	0.0016
Hexane Plus	0.161	0.0720	8.49	0.0053
Total	100.000	17.8620	1097.18	0.6273

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0026
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1102.6
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1083.4
REAL SPECIFIC GRAVITY: 0.6287

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

DRY BTU @ 14.650: 1096.6
DRY BTU @ 14.696: 1100.1
DRY BTU @ 14.730: 1102.6
DRY BTU @ 15.025: 1124.7

CYLINDER #: 4066
CYLINDER PRESSURE: 117 PSIG
DATE RUN: 3/28/14 9:48 AM
ANALYSIS RUN BY: LOGAN CHENEY



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-7 #22 INTRM
Stn. No.:
Mtr. No.: AM01841397NO

FC,PC,MV

04/01/2014
18300-25770

Smpl Date: 03/11/2014
Test Date: 03/28/2014
Run No: CP140225
Nitrogen: 0.277
CO2: 0.896
Methane: 90.941
Ethane: 4.409
Propane: 2.321
I-Butane: 0.444
N-Butane: 0.369
I-Pentane: 0.117
N-Pentane: 0.065
Hexane+: 0.161
BTU: 1102.6
GPM: 17.8620
SPG: 0.6287