



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

Analysis No: BU140249
Cust No: 52100-22160

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-5 #35N TBG
County/State: SAN JUAN NM
Location: P19-28N-05W
Field:
Formation:
Cust. Stn. No.: AM02305059NO

Source: TUBING
Pressure: 155 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 04/01/2014
Sampled By: BOB DURBIN
Foreman/Engr.: JONATHAN MELTON

OIL CONS. DIV DIST. 3

MAY 14 2014

Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.182	0.0200	0.00	0.0018
CO2	1.081	0.1850	0.00	0.0164
Methane	84.138	14.3060	849.79	0.4660
Ethane	8.474	2.2730	149.97	0.0880
Propane	3.492	0.9650	87.86	0.0532
Iso-Butane	0.647	0.2120	21.04	0.0130
N-Butane	0.899	0.2840	29.33	0.0180
I-Pentane	0.326	0.1200	13.04	0.0081
N-Pentane	0.221	0.0800	8.86	0.0055
Hexane Plus	0.540	0.2420	28.46	0.0179
Total	100.000	18.6870	1188.36	0.6879

* @ 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): 1194.9
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1174.1
REAL SPECIFIC GRAVITY: 0.6898

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

DRY BTU @ 14.650: 1188.4
DRY BTU @ 14.696: 1192.1
DRY BTU @ 14.730: 1194.9
DRY BTU @ 15.025: 1218.8

CYLINDER #: 6067
CYLINDER PRESSURE: 150 PSIG
DATE RUN: 4/4/14 7:34 AM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-5 #35N TBG
Stn. No.: AM02305059NO
Mtr. No.:

TUBING

04/11/2014
52100-22160

Smpl Date: 04/01/2014
Test Date: 04/04/2014
Run No: BU140249

Nitrogen: 0.182
CO2: 1.081
Methane: 84.138
Ethane: 8.474
Propane: 3.492
I-Butane: 0.647
N-Butane: 0.899
I-Pentane: 0.326
N-Pentane: 0.221
Hexane+: 0.540

BTU: 1194.9
GPM: 18.6870
SPG: 0.6898



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

Analysis No: BU140248
Cust No: 52100-22155

30-039-29570

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-5 #35N INT.
County/State: SAN JUAN NM
Location: P19-28N-05W
Field:
Formation:
Cust. Stn. No.: AM02305059NO

Source: INTERMEDIATE
Pressure: 155 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 04/01/2014
Sampled By: BOB DURBIN
Foreman/Engr.: JONATHAN MELTON

Remarks:

OIL CONS. DIV DIST. 3
MAY 14 2014

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.227	0.0250	0.00	0.0022
CO2	1.015	0.1740	0.00	0.0154
Methane	82.691	14.0610	835.18	0.4580
Ethane	9.380	2.5160	166.00	0.0974
Propane	3.987	1.1020	100.32	0.0607
Iso-Butane	0.707	0.2320	22.99	0.0142
N-Butane	1.023	0.3230	33.37	0.0205
I-Pentane	0.352	0.1290	14.08	0.0088
N-Pentane	0.237	0.0860	9.50	0.0059
Hexane Plus	0.381	0.1700	20.08	0.0126
Total	100.000	18.8180	1201.52	0.6957

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0033
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1208.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1187.3
REAL SPECIFIC GRAVITY: 0.6978

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

DRY BTU @ 14.650: 1201.7
DRY BTU @ 14.696: 1205.5
DRY BTU @ 14.730: 1208.3
DRY BTU @ 15.025: 1232.5

CYLINDER #: 7015
CYLINDER PRESSURE: 154 PSIG
DATE RUN: 4/3/14 7:33 AM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-5 #35N INT.
Stn. No.: AM02305059NO
Mtr. No.:

INTERMEDIATE

04/11/2014
52100-22155

Smpl Date: 04/01/2014
Test Date: 04/03/2014
Run No: BU140248

Nitrogen: 0.227
CO2: 1.015
Methane: 82.691
Ethane: 9.380
Propane: 3.987
I-Butane: 0.707
N-Butane: 1.023
I-Pentane: 0.352
N-Pentane: 0.237
Hexane+: 0.381

BTU: 1208.3
GPM: 18.8180
SPG: 0.6978