



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

Analysis No: CP140232
Cust No: 18300-25795

30-039-22395

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-7 #241E BHD
County/State: SAN JUAN
Location:
Field:
Formation: MV/DK
Cust. Stn. No.: AM01841461NO

Source:
Pressure: 0 PSIA
Sample Temp: 45 DEG. F
Well Flowing: Y
Date Sampled: 03/12/2014
Sampled By: DIRK SCANLAN
Foreman/Engr.:

Remarks: PRESSURED WITH HELIUM TO 30 LBS

Analysis

Component:	Mole%:	**GPM:	*BTU:	SP Gravity:
Nitrogen	99.903	10.9920	0.00	0.9663
CO2	0.051	0.0090	0.00	0.0008
Methane	0.000	0.0000	0.00	0.0000
Ethane	0.000	0.0000	0.00	0.0000
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	0.046	0.0210	2.42	0.0015
Total	100.000	11.0220	2.42	0.9686

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0003
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 2.4
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 2.4
REAL SPECIFIC GRAVITY: 0.9685

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

DRY BTU @ 14.650: 2.4
DRY BTU @ 14.696: 2.4
DRY BTU @ 14.730: 2.4
DRY BTU @ 15.025: 2.4

CYLINDER #: 4146
CYLINDER PRESSURE: PSIG
DATE RUN: 3/28/14 9:55 AM
ANALYSIS RUN BY: LOGAN CHENEY

OIL CONS. DIV
MAY 14 2014



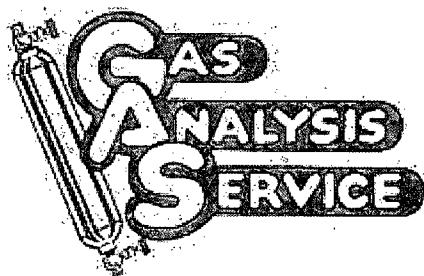
CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-7 #241E BHD
Stn. No.:
Mtr. No.: AM01841461NO

MV/DK

04/01/2014
18300-25795

Smpl Date: 03/12/2014
Test Date: 03/28/2014
Run No: CP140232
Nitrogen: 99.903
CO2: 0.051
Methane: 0.000
Ethane: 0.000
Propane: 0.000
I-Butane: 0.000
N-Butane: 0.000
I-Pentane: 0.000
N-Pentane: 0.000
Hexane+: 0.046
BTU: 2.4
GPM: 11.0220
SPG: 0.9685



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

Analysis No: CP140233
Cust No: 18300-19010

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SJ 28-7 #241E CSG
County/State: SAN JUAN NM
Location:
Field:
Formation: MV/DK
Cust. Stn. No.:
AM01841461NO

Source:
Pressure: 68 PSIA
Sample Temp: 45 DEG. F
Well Flowing: Y
Date Sampled: 03/12/2014
Sampled By: DIRK SCANLAN
Foreman/Engr.:

Remarks:

MAY 14 2014
OIL CONS. DIV DIST. 3

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.222	0.0240	0.00	0.0021
CO2	0.708	0.1210	0.00	0.0108
Methane	86.010	14.6230	868.70	0.4764
Ethane	7.385	1.9810	130.69	0.0767
Propane	3.054	0.8440	76.84	0.0465
Iso-Butane	0.558	0.1830	18.15	0.0112
N-Butane	0.823	0.2600	26.85	0.0165
I-Pentane	0.323	0.1180	12.92	0.0080
N-Pentane	0.235	0.0850	9.42	0.0059
Hexane Plus	0.682	0.3050	35.95	0.0226
Total	100.000	18.5440	1179.52	0.6767

* @ 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): 1185.9
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1165.3
REAL SPECIFIC GRAVITY: 0.6785

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

DRY BTU @ 14.650: 1179.5
DRY BTU @ 14.696: 1183.2
DRY BTU @ 14.730: 1185.9
DRY BTU @ 15.025: 1209.7

CYLINDER #: 6032
CYLINDER PRESSURE: 108 PSIG
DATE RUN: 3/28/14 9:57 AM
ANALYSIS RUN BY: LOGAN CHENEY



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SJ 28-7 #241E CSG
Stn. No.:
Mtr. No.: AM01841461NO

MV/DK

04/01/2014
18300-19010

Smpl Date:	03/12/2014	07/13/2010
Test Date:	03/28/2014	07/15/2010
Run No:	CP140233	CP100499
Nitrogen:	0.222	0.241
CO2:	0.708	1.127
Methane:	86.010	85.053
Ethane:	7.385	7.917
Propane:	3.054	3.211
I-Butane:	0.558	0.713
N-Butane:	0.823	0.799
I-Pentane:	0.323	0.346
N-Pentane:	0.235	0.212
Hexane+:	0.682	0.381
BTU:	1185.9	1178.0
GPM:	18.5440	18.5500
SPG:	0.6785	0.6802



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

Analysis No: CP140234
Cust No: 18300-15780

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 28-7 #241E INTRM
County/State: SAN JUAN NM
Location:
Field:
Formation: MV/DK
Cust. Stn. No.: 9275114
AM01841461NO

Source:
Pressure: 108 PSIA
Sample Temp: 45 DEG. F
Well Flowing: Y
Date Sampled: 03/12/2014
Sampled By: DIRK SCANLAN
Foreman/Engr.:

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	0.706	0.1210	0.00	0.0107
Methane	86.186	14.6530	870.48	0.4774
Ethane	7.380	1.9790	130.60	0.0766
Propane	3.052	0.8430	76.79	0.0465
Iso-Butane	0.556	0.1820	18.08	0.0112
N-Butane	0.819	0.2590	26.72	0.0164
I-Pentane	0.318	0.1170	12.72	0.0079
N-Pentane	0.228	0.0830	9.14	0.0057
Hexane Plus	0.528	0.2360	27.83	0.0175
Total	100.000	18.4980	1172.37	0.6721

* @ 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): 1178.6
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1158.1
REAL SPECIFIC GRAVITY: 0.6738

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

DRY BTU @ 14.650: 1172.2
DRY BTU @ 14.696: 1175.9
DRY BTU @ 14.730: 1178.6
DRY BTU @ 15.025: 1202.2

CYLINDER #: 6030
CYLINDER PRESSURE: 100 PSIG
DATE RUN: 3/27/14 9:58 AM
ANALYSIS RUN BY: LOGAN CHENEY



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 28-7 #241E INTRM
Stn. No.: 9275114
Mtr. No.: AM01841461NO

MV/DK

04/01/2014
18300-15780

Smpl Date:	03/12/2014	07/28/2013	12/19/2007
Test Date:	03/27/2014	08/01/2013	12/27/2007
Run No:	CP140234	CP130740	CP280043
Nitrogen:	0.227	0.239	0.191
CO2:	0.706	0.893	0.780
Methane:	86.186	85.652	87.205
Ethane:	7.380	7.479	7.523
Propane:	3.052	3.135	2.783
I-Butane:	0.556	0.562	0.418
N-Butane:	0.819	0.813	0.610
I-Pentane:	0.318	0.308	0.191
N-Pentane:	0.228	0.221	0.125
Hexane+:	0.528	0.698	0.174
BTU:	1178.6	1185.5	1145.1
GPM:	18.4980	18.5590	18.2870
SPG:	0.6738	0.6814	0.6532