



OIL CONS. DIV DIST. 3

MAR 21 2016

SS 32-7 Unit 15
API # 30-045-111032030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CP160025
Cust No: 18300-22165

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 32-7 #15
County/State: MIDDLE MESA
Location: AREA #607
Field:
Formation:
Cust. Stn. No.: 86086
AM00012617NO

Source: INTERMEDIATE
Pressure: 166 PSIA
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 03/10/2016
Sampled By: FRANK ANSTEAD
Foreman/Engr.: JOE COLLEY

Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.063	0.0070	0.00	0.0006
CO2	2.083	0.3560	0.00	0.0317
Methane	94.480	16.0520	954.25	0.5233
Ethane	1.991	0.5340	35.23	0.0207
Propane	0.190	0.0520	4.78	0.0029
Iso-Butane	0.060	0.0200	1.95	0.0012
N-Butane	0.090	0.0280	2.94	0.0018
I-Pentane	0.160	0.0590	6.40	0.0040
N-Pentane	0.155	0.0560	6.21	0.0039
Hexane Plus	0.728	0.3250	38.37	0.0241
Total	100.000	17.4890	1050.14	0.6141

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0024
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1055.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1036.7
REAL SPECIFIC GRAVITY: 0.6153

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

DRY BTU @ 14.650: 1049.4
DRY BTU @ 14.696: 1052.7
DRY BTU @ 14.730: 1055.1
DRY BTU @ 15.025: 1076.2

CYLINDER #: 6177
CYLINDER PRESSURE: 165 PSIG
DATE RUN: 3/11/16 1:31 PM
ANALYSIS RUN BY: Shyann Elledge

4



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 32-7 #15
Stn. No.: 86086
Mtr. No.: AM00012617NO

INTERMEDIATE

03/14/2016
18300-22165

Smpl Date:	03/10/2016	08/08/2014	09/19/2011
Test Date:	03/11/2016	08/13/2014	09/20/2011
Run No:	CP160025	CP140691	CP110866
Nitrogen:	0.063	0.103	0.072
CO2:	2.083	1.959	2.228
Methane:	94.480	96.110	95.706
Ethane:	1.991	1.628	1.760
Propane:	0.190	0.145	0.155
I-Butane:	0.060	0.027	0.027
N-Butane:	0.090	0.012	0.011
I-Pentane:	0.160	0.006	0.005
N-Pentane:	0.155	0.000	0.001
Hexane+:	0.728	0.010	0.035
BTU:	1055.1	1009.7	1009.4
GPM:	17.4890	17.1650	17.1890
SPG:	0.6153	0.5845	0.5884



OIL CONS. DIV DIST. 3

MAR 21 2016

SS 32-7 Unit 1S
API # 30-045-111032030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CP160024
Cust No: 18300-22160**Well/Lease Information**

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 32-7 #15
County/State: MIDDLE MESA
Location: AREA #607
Field:
Formation:
Cust. Stn. No.: 86086
AM00012617NO

Source: CASING
Pressure: 166 PSIA
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 03/10/2016
Sampled By: FRANK ANSTEAD
Foreman/Engr.: JOE COLLEY

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.084	0.0090	0.00	0.0008
CO2	2.084	0.3560	0.00	0.0317
Methane	94.503	16.0550	954.48	0.5235
Ethane	1.988	0.5330	35.18	0.0206
Propane	0.189	0.0520	4.76	0.0029
Iso-Butane	0.058	0.0190	1.89	0.0012
N-Butane	0.086	0.0270	2.81	0.0017
I-Pentane	0.154	0.0560	6.16	0.0038
N-Pentane	0.149	0.0540	5.97	0.0037
Hexane Plus	0.705	0.3150	37.16	0.0233
Total	100.000	17.4760	1048.40	0.6132

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0024
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1053.4
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1035.1
REAL SPECIFIC GRAVITY: 0.6144

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

DRY BTU @ 14.650: 1047.7
DRY BTU @ 14.696: 1051.0
DRY BTU @ 14.730: 1053.4
DRY BTU @ 15.025: 1074.5

CYLINDER #: 6249
CYLINDER PRESSURE: 170 PSIG
DATE RUN: 3/11/16 1:24 PM
ANALYSIS RUN BY: Shyann Elledge



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 32-7 #15
Stn. No.: 86086
Mtr. No.: AM00012617NO

CASING

03/14/2016
18300-22160

Smpl Date:	03/10/2016	08/08/2014	09/19/2011
Test Date:	03/11/2016	08/13/2014	09/20/2011
Run No:	CP160024	CP140690	CP110865
Nitrogen:	0.084	0.091	0.078
CO2:	2.084	1.953	2.228
Methane:	94.503	96.131	95.690
Ethane:	1.988	1.628	1.769
Propane:	0.189	0.145	0.155
I-Butane:	0.058	0.028	0.027
N-Butane:	0.086	0.010	0.011
I-Pentane:	0.154	0.005	0.005
N-Pentane:	0.149	0.000	0.001
Hexane+:	0.705	0.009	0.036
BTU:	1053.4	1009.7	1009.5
GPM:	17.4760	17.1650	17.1890
SPG:	0.6144	0.5843	0.5885