



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

Analysis No: CP160450
Cust No: 18300-27980

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: ALLISON UNIT #61N; CSG
County/State: SAN JUAN NM
Location:
Field:
Formation: MV/DK
Cust. Str. No.: API 3004534776

Source: CASING
Pressure: 214 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 08/03/2016
Sampled By: GREG DUNN
Foreman/Engr.: JOE COLLEY

Remarks: W/O 9277040

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.058	0.0060	0.00	0.0006
CO2	2.732	0.4670	0.00	0.0415
Methane	96.187	16.3370	971.49	0.5328
Ethane	0.973	0.2610	17.22	0.0101
Propane	0.034	0.0090	0.86	0.0005
Iso-Butane	0.004	0.0010	0.13	0.0001
N-Butane	0.002	0.0010	0.07	0.0000
I-Pentane	0.000	0.0000	0.00	0.0000
N-Pentane	0.000	0.0000	0.00	0.0000
Hexane Plus	0.010	0.0040	0.53	0.0003
Total	100.000	17.0860	990.29	0.5859

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0021

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 994.7

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 977.4

REAL SPECIFIC GRAVITY: 0.5869

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

DRY BTU @ 14.650: 989.3

DRY BTU @ 14.696: 992.4

DRY BTU @ 14.730: 994.7

DRY BTU @ 15.025: 1014.6

CYLINDER #: 6097

CYLINDER PRESSURE: 210 PSIG

DATE RUN: 8/8/16 8:49 AM

ANALYSIS RUN BY: Shyann Elledge



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: ALLISON UNIT #61N; CSG
Stn. No.: API 3004534776
Mtr. No.:

CASING
MV/DK

08/11/2016
18300-27980

Smpl Date: 08/03/2016
Test Date: 08/08/2016
Run No: CP160450
Nitrogen: 0.058
CO2: 2.732
Methane: 96.187
Ethane: 0.973
Propane: 0.034
I-Butane: 0.004
N-Butane: 0.002
I-Pentane: 0.000
N-Pentane: 0.000
Hexane+: 0.010
BTU: 994.7
GPM: 17.0860
SPG: 0.5869



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

Analysis No: CP160451
Cust No: 18300-27985

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: ALLISON UNIT #61N; INT
County/State: SAN JUAN NM
Location:
Field:
Formation: MV/DK
Cust. Str. No.: API 3004534776

Source: INTERMEDIATE
Pressure: 11 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 08/03/2016
Sampled By: GREG DUNN
Foreman/Engr.: JOE COLLEY

Remarks: W/O 9277040

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.103	0.0110	0.00	0.0010
CO2	0.043	0.0070	0.00	0.0007
Methane	87.663	14.8990	885.40	0.4856
Ethane	8.651	2.3190	153.10	0.0898
Propane	2.132	0.5890	53.64	0.0325
Iso-Butane	0.464	0.1520	15.09	0.0093
N-Butane	0.331	0.1050	10.80	0.0066
I-Pentane	0.194	0.0710	7.76	0.0048
N-Pentane	0.082	0.0300	3.29	0.0020
Hexane Plus	0.337	0.1510	17.76	0.0112
Total	100.000	18.3340	1146.84	0.6435

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0028

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1152.7

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1132.6

REAL SPECIFIC GRAVITY: 0.645

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

DRY BTU @ 14.650: 1146.4

DRY BTU @ 14.696: 1150.0

DRY BTU @ 14.730: 1152.7

DRY BTU @ 15.025: 1175.8

CYLINDER #: 5032

CYLINDER PRESSURE: 11 PSIG

DATE RUN: 8/8/16 8:50 AM

ANALYSIS RUN BY: Shyann Elledge



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: ALLISON UNIT #61N; INT
Stn. No.: API 3004534776
Mtr. No.:

INTERMEDIATE
MV/DK

08/11/2016
18300-27985

Smpl Date: 08/03/2016
Test Date: 08/08/2016
Run No: CP160451
Nitrogen: 0.103
CO2: 0.043
Methane: 87.663
Ethane: 8.651
Propane: 2.132
I-Butane: 0.464
N-Butane: 0.331
I-Pentane: 0.194
N-Pentane: 0.082
Hexane+: 0.337
BTU: 1152.7
GPM: 18.3340
SPG: 0.6450