



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

Analysis No: CP170248
Cust No: 18300-32400

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: **SAN JUAN 29-6 1A; BHD**
County/State: RIO ARRIBA NM
Location:
Field:
Formation: MV
Cust. Stn. No.:

Source: **BRADENHEAD**
Pressure: PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 05/25/2017
Sampled By: BRIAN C.
Foreman/Engr.: BERKELEY BROWN

OIL CONS. DIV DIST. 3

JUN 20 2017

API #3003921124

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.622	0.0690	0.00	0.0060
CO2	0.004	0.0010	0.00	0.0001
Methane	98.949	16.8040	999.39	0.5481
Ethane	0.335	0.0900	5.93	0.0035
Propane	0.029	0.0080	0.73	0.0004
Iso-Butane	0.009	0.0030	0.29	0.0002
N-Butane	0.006	0.0020	0.20	0.0001
I-Pentane	0.001	0.0000	0.04	0.0000
N-Pentane	0.000	0.0000	0.00	0.0000
Hexane Plus	0.045	0.0200	2.37	0.0015
Total	100.000	16.9970	1008.94	0.5599

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.002
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1013.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 995.7
REAL SPECIFIC GRAVITY: 0.5608

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

DRY BTU @ 14.650: 1007.8
DRY BTU @ 14.696: 1011.0
DRY BTU @ 14.730: 1013.3
DRY BTU @ 15.025: 1033.6

CYLINDER #: AZT006
CYLINDER PRESSURE: 47 PSIG
DATE RUN: **6/5/17** 10:31 AM
ANALYSIS RUN BY: SHYANN ELLEDGE

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CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 29-6 1A; BHD
Stn. No.:
Mtr. No.:

BRADENHEAD
MV

06/14/2017
18300-32400

Smpl Date: 05/25/2017
Test Date: 06/05/2017
Run No: CP170248
Nitrogen: 0.622
CO2: 0.004
Methane: 98.949
Ethane: 0.335
Propane: 0.029
I-Butane: 0.009
N-Butane: 0.006
I-Pentane: 0.001
N-Pentane: 0.000
Hexane+: 0.045
BTU: 1013.3
GPM: 16.9970
SPG: 0.5608



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

Analysis No: CP170249
Cust No: 18300-32405

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: **SAN JUAN 29-6 1A; CSG**
County/State: RIO ARRIBA NM
Location:
Field:
Formation:
Cust. Str. No.:

Source: **CASING**
Pressure: PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 05/25/2017
Sampled By: BRIAN C.
Foreman/Engr.: BERKELEY BROWN

OIL CONS. DIV DIST. 3
JUN 20 2017

API #3003921124

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.132	0.0150	0.00	0.0013
CO2	2.299	0.3940	0.00	0.0349
Methane	86.153	14.6490	870.15	0.4772
Ethane	6.410	1.7190	113.44	0.0665
Propane	2.319	0.6410	58.35	0.0353
Iso-Butane	0.403	0.1320	13.11	0.0081
N-Butane	0.598	0.1890	19.51	0.0120
I-Pentane	0.247	0.0910	9.88	0.0062
N-Pentane	0.188	0.0680	7.54	0.0047
Hexane Plus	1.251	0.5600	65.94	0.0414
Total	100.000	18.4580	1157.90	0.6876

* @ 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): 1164.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1143.9
REAL SPECIFIC GRAVITY: 0.6895

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

DRY BTU @ 14.650: 1157.9
DRY BTU @ 14.696: 1161.5
DRY BTU @ 14.730: 1164.2
DRY BTU @ 15.025: 1187.5

CYLINDER #: AZT015
CYLINDER PRESSURE: 50 PSIG
DATE RUN: **6/5/17** 10:33 AM
ANALYSIS RUN BY: SHYANN ELLEDGE



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 29-6 1A; CSG
Stn. No.:
Mtr. No.:

CASING

06/14/2017
18300-32405

Smpl Date: 05/25/2017
Test Date: 06/05/2017
Run No: CP170249

Nitrogen: 0.132
CO2: 2.299
Methane: 86.153
Ethane: 6.410
Propane: 2.319
I-Butane: 0.403
N-Butane: 0.598
I-Pentane: 0.247
N-Pentane: 0.188
Hexane+: 1.251

BTU: 1164.2
GPM: 18.4580
SPG: 0.6895