



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

Analysis No: CP170284
Cust No: 18300-22245

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SJ 32-7 #39 CSG
County/State:
Location: AREA #608
Field: MIDDLE MESA
Formation: MV/DK
Cust. Stn. No.: 300451129800

Source: CASING
Pressure: 114 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 06/27/2017
Sampled By: FRANK ANSTEAD
Foreman/Engr.: REBECCA MILLER

OIL CONS. DIV DIST. 3

JUL 11 2017

Remarks: W/O# 9238855

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.064	0.0070	0.00	0.0006
CO2	2.534	0.4330	0.00	0.0385
Methane	96.217	16.3420	971.79	0.5329
Ethane	1.064	0.2850	18.83	0.0110
Propane	0.087	0.0240	2.19	0.0013
Iso-Butane	0.015	0.0050	0.49	0.0003
N-Butane	0.007	0.0020	0.23	0.0001
I-Pentane	0.002	0.0010	0.08	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	17.1030	994.13	0.5853

* @ 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): 998.5

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 981.1

REAL SPECIFIC GRAVITY: 0.5863

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

DRY BTU @ 14.650: 993.1

DRY BTU @ 14.696: 996.2

DRY BTU @ 14.730: 998.5

DRY BTU @ 15.025: 1018.5

CYLINDER #: 036

CYLINDER PRESSURE: 112 PSIG

DATE RUN: 6/28/17 1:00 PM

ANALYSIS RUN BY: PATRICIA KING

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CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SJ 32-7 #39 CSG
Stn. No.: 300451129800
Mtr. No.:

CASING
MV/DK

06/29/2017
18300-22245

Smpl Date:	06/27/2017	09/21/2011
Test Date:	06/28/2017	09/22/2011
Run No:	CP170284	CP110889
Nitrogen:	0.064	0.091
CO2:	2.534	2.453
Methane:	96.217	96.339
Ethane:	1.064	1.008
Propane:	0.087	0.083
I-Butane:	0.015	0.014
N-Butane:	0.007	0.006
I-Pentane:	0.002	0.002
N-Pentane:	0.000	0.000
Hexane+:	0.010	0.004
BTU:	998.5	998.3
GPM:	17.1030	17.0950
SPG:	0.5863	0.5851



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

Analysis No: CP170285
Cust No: 18300-22250

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SJ 32-7 #39 INTRM
County/State:
Location: AREA #608
Field: MIDDLE MESA
Formation: MV/DK
Cust. Stn. No.: 300451129800

Source: INTERMEDIATE
Pressure: 114 PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 06/27/2017
Sampled By: FRANK ANSTEAD
Foreman/Engr.: REBECCA MILLER

OIL CONS. DIV DIST. 3

JUL 11 2017

Remarks: W/O# 9238855

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.065	0.0070	0.00	0.0006
CO2	2.527	0.4320	0.00	0.0384
Methane	96.043	16.3120	970.03	0.5320
Ethane	1.135	0.3040	20.09	0.0118
Propane	0.130	0.0360	3.27	0.0020
Iso-Butane	0.024	0.0080	0.78	0.0005
N-Butane	0.018	0.0060	0.59	0.0004
I-Pentane	0.007	0.0030	0.28	0.0002
N-Pentane	0.004	0.0010	0.16	0.0001
Hexane Plus	0.047	0.0210	2.48	0.0016
Total	100.000	17.1300	997.68	0.5874

* @ 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): 1002.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 984.7
REAL SPECIFIC GRAVITY: 0.5884

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

DRY BTU @ 14.650: 996.7
DRY BTU @ 14.696: 999.8
DRY BTU @ 14.730: 1002.1
DRY BTU @ 15.025: 1022.2

CYLINDER #: 103
CYLINDER PRESSURE: 114 PSIG
DATE RUN: 6/28/17 1:06 PM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SJ 32-7 #39 INTRM
Stn. No.: 300451129800
Mtr. No.:

INTERMEDIATE
MV/DK

06/29/2017
18300-22250

Smpl Date:	06/27/2017	09/21/2011
Test Date:	06/28/2017	09/22/2011
Run No:	CP170285	CP110890
Nitrogen:	0.065	0.442
CO2:	2.527	2.432
Methane:	96.043	95.914
Ethane:	1.135	1.004
Propane:	0.130	0.082
I-Butane:	0.024	0.014
N-Butane:	0.018	0.006
I-Pentane:	0.007	0.002
N-Pentane:	0.004	0.000
Hexane+:	0.047	0.104
BTU:	1002.1	999.2
GPM:	17.1300	17.1010
SPG:	0.5884	0.5891



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

Analysis No: CP170286
Cust No: 18300-32435

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 32-7 #39 MV STRING
County/State: SAN JUAN NM
Location:
Field:
Formation: MV / DK
Cust. Stn. No.: 300451129800DO1/DO2

Source: MESA VERD STRING
Pressure: 114 PSIG
Sample Temp: DEG. F
Well Flowing: N
Date Sampled: 06/27/2017
Sampled By: FRANK ANSTEAD
Foreman/Engr.: JOE COLLEY

OIL CONS. DIV DIST. 3

JUL 11 2017

Remarks: W/O# 9238855

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.063	0.0070	0.00	0.0006
CO2	2.559	0.4380	0.00	0.0389
Methane	96.197	16.3380	971.59	0.5328
Ethane	1.067	0.2860	18.88	0.0111
Propane	0.085	0.0230	2.14	0.0013
Iso-Butane	0.014	0.0050	0.46	0.0003
N-Butane	0.006	0.0020	0.20	0.0001
I-Pentane	0.002	0.0010	0.08	0.0000
N-Pentane	0.000	0.0000	0.00	0.0000
Hexane Plus	0.007	0.0030	0.37	0.0002
Total	100.000	17.1030	993.71	0.5854

* @ 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): 998.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 980.7
REAL SPECIFIC GRAVITY: 0.5864

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

DRY BTU @ 14.650: 992.7
DRY BTU @ 14.696: 995.8
DRY BTU @ 14.730: 998.1
DRY BTU @ 15.025: 1018.1

CYLINDER #: 102
CYLINDER PRESSURE: 114 PSIG
DATE RUN: 6/28/17 1:10 PM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 32-7 #39 MV STRING
Stn. No.:
Mtr. No.: 300451129800DO1

MESA VERD STRING
MV / DK

06/29/2017
18300-32435

Smpl Date: 06/27/2017
Test Date: 06/28/2017
Run No: CP170286

Nitrogen: 0.063
CO2: 2.559
Methane: 96.197
Ethane: 1.067
Propane: 0.085
I-Butane: 0.014
N-Butane: 0.006
I-Pentane: 0.002
N-Pentane: 0.000
Hexane+: 0.007

BTU: 998.1
GPM: 17.1030
SPG: 0.5864