



OIL CONS. DIV DIST. 3

JUL 19 2017

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

Analysis No: CP170361
Cust No: 18300-32505

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 32-9 #22A; BHD
County/State: SAN JUAN NM
Location:
Field:
Formation: MV
Cust. Stn. No.:
300452291000S01

OIL CONS. DIV DIST. 3

JUL 19 2017

Source: BRADENHEAD
Pressure: 1 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 07/13/2017
Sampled By: JEFFREY SANDOVAL
Foreman/Engr.: PHILLIP OUELETTE

Remarks: PRESSURED WITH HELIUM TO 30 LBS. WO# 9247295

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	2.646	0.2920	0.00	0.0256
CO2	0.038	0.0070	0.00	0.0006
Methane	91.474	15.5390	923.89	0.5067
Ethane	3.852	1.0320	68.17	0.0400
Propane	1.225	0.3380	30.82	0.0186
Iso-Butane	0.118	0.0390	3.84	0.0024
N-Butane	0.263	0.0830	8.59	0.0053
I-Pentane	0.081	0.0300	3.24	0.0020
N-Pentane	0.048	0.0170	1.93	0.0012
Hexane Plus	0.255	0.1140	13.45	0.0084
Total	100.000	17.4910	1053.92	0.6108

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0023
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1058.8
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1040.4
REAL SPECIFIC GRAVITY: 0.612

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

DRY BTU @ 14.650: 1053.0
DRY BTU @ 14.696: 1056.4
DRY BTU @ 14.730: 1058.8
DRY BTU @ 15.025: 1080.0

CYLINDER #: 4136
CYLINDER PRESSURE: PSIG
DATE RUN: 7/14/17 12:00 AM
ANALYSIS RUN BY: PATRICIA KING

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CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 32-9 #22A; BHD
Stn. No.:
Mtr. No.: 300452291000S01

BRADENHEAD
MV

07/14/2017
18300-32505

Smpl Date: 07/13/2017
Test Date: 07/14/2017
Run No: CP170361
Nitrogen: 2.646
CO2: 0.038
Methane: 91.474
Ethane: 3.852
Propane: 1.225
I-Butane: 0.118
N-Butane: 0.263
I-Pentane: 0.081
N-Pentane: 0.048
Hexane+: 0.255
BTU: 1058.8
GPM: 17.4910
SPG: 0.6120



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

Analysis No: CP170362
Cust No: 18300-32510

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: SAN JUAN 32-9 #22A; CSG
County/State: SAN JUAN NM
Location:
Field:
Formation: MV
Cust. Stn. No.: 300452291000S01

OIL CONS. DIV DIST. 3
JUL 19 2017

Source: CASING
Pressure: 50 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 07/13/2017
Sampled By: BOBBY HELNEN
Foreman/Engr.: PHILLIP OUELETTE

Remarks: WO# 9247295

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.140	0.0150	0.00	0.0014
CO2	1.983	0.3400	0.00	0.0301
Methane	82.050	13.9550	828.70	0.4545
Ethane	8.761	2.3510	155.04	0.0910
Propane	3.653	1.0100	91.92	0.0556
Iso-Butane	0.596	0.1960	19.38	0.0120
N-Butane	1.010	0.3190	32.95	0.0203
I-Pentane	0.350	0.1280	14.01	0.0087
N-Pentane	0.287	0.1040	11.52	0.0072
Hexane Plus	1.169	0.5230	61.64	0.0387
Total	100.000	18.9410	1215.15	0.7193

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0035
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1222.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1200.9
REAL SPECIFIC GRAVITY: 0.7216

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

DRY BTU @ 14.650: 1215.6
DRY BTU @ 14.696: 1219.4
DRY BTU @ 14.730: 1222.2
DRY BTU @ 15.025: 1246.7

CYLINDER #: 6031
CYLINDER PRESSURE: 52 PSIG
DATE RUN: 7/14/17 12:00 AM
ANALYSIS RUN BY: RICHARD WILSON



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: SAN JUAN 32-9 #22A; CSG
Stn. No.:
Mtr. No.: 300452291000S01

CASING
MV

07/14/2017
18300-32510

Smpl Date: 07/13/2017
Test Date: 07/14/2017
Run No: CP170362

Nitrogen: 0.140
CO2: 1.983
Methane: 82.050
Ethane: 8.761
Propane: 3.653
I-Butane: 0.596
N-Butane: 1.010
I-Pentane: 0.350
N-Pentane: 0.287
Hexane+: 1.169

BTU: 1222.2
GPM: 18.9410
SPG: 0.7216