



OIL CONS. DIV DIST. 3

MAY 23 2017

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: WP170064
Cust No: 85500-12910

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: NM-32-11 COM #1C; TBG
County/State: SAN JUAN NM
Location:
Field:
Formation:
Cust. Str. No.:

OIL CONS. DIV DIST. 3

MAY 23 2017

Source: TUBING
Pressure: PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 05/12/2017
Sampled By: RICK CONAWAY
Foreman/Engr.: DARREN ROWELY

API: 3004532804

Remarks: SAMPLE RAN ON 05/19/2017.

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.100	0.0110	0.00	0.0010
CO2	2.922	0.5000	0.00	0.0444
Methane	93.666	15.9120	946.03	0.5188
Ethane	2.747	0.7360	48.61	0.0285
Propane	0.325	0.0900	8.18	0.0049
Iso-Butane	0.098	0.0320	3.19	0.0020
N-Butane	0.043	0.0140	1.40	0.0009
I-Pentane	0.025	0.0090	1.00	0.0006
N-Pentane	0.007	0.0030	0.28	0.0002
Hexane Plus	0.067	0.0300	3.53	0.0022
Total	100.000	17.3370	1012.22	0.6035

* @ 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): 1016.8

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 999.1

REAL SPECIFIC GRAVITY: 0.6046

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

DRY BTU @ 14.650: 1011.3

DRY BTU @ 14.696: 1014.5

DRY BTU @ 14.730: 1016.8

DRY BTU @ 15.025: 1037.2

CYLINDER #: 4163

CYLINDER PRESSURE: 134 PSIG

DATE RUN: 5/12/17 1:43 PM

ANALYSIS RUN BY: PATRICIA KING

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OIL CONS. DIV DIST. 3
MAY 23 2017

WPX ENERGY PRODUCTION, LLC
WELL ANALYSIS COMPARISON

Lease: NM-32-11 COM #1C; TBG
Stn. No.:
Mtr. No.:

TUBING

05/19/2017
85500-12910

Smpl Date: 05/12/2017
Test Date: 05/12/2017
Run No: WP170064

Nitrogen: 0.100
CO2: 2.922
Methane: 93.666
Ethane: 2.747
Propane: 0.325
I-Butane: 0.098
N-Butane: 0.043
I-Pentane: 0.025
N-Pentane: 0.007
Hexane+: 0.067

BTU: 1016.8
GPM: 17.3370
SPG: 0.6046



OIL CONS. DIV DIST. 3

MAY 23 2017

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: WP170063
Cust No: 85500-12905**Well/Lease Information**Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: NM-32-11 COM #1C; CSG
County/State: SAN JUAN NM
Location:
Field:
Formation: DK/MV
Cust. Stn. No.:Source: CASING
Pressure: PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 05/12/2017
Sampled By: RICK CONAWAY
Foreman/Engr.: DARREN ROWELY

Remarks: SAMPLE RAN ON 05/19/2017.

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.112	0.0120	0.00	0.0011
CO2	2.892	0.4950	0.00	0.0439
Methane	93.729	15.9210	946.66	0.5192
Ethane	2.712	0.7270	47.99	0.0282
Propane	0.317	0.0880	7.98	0.0048
Iso-Butane	0.091	0.0300	2.96	0.0018
N-Butane	0.046	0.0150	1.50	0.0009
I-Pentane	0.029	0.0110	1.16	0.0007
N-Pentane	0.027	0.0100	1.08	0.0007
Hexane Plus	0.045	0.0200	2.37	0.0015
Total	100.000	17.3290	1011.71	0.6028

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0022

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1016.3

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 998.6

REAL SPECIFIC GRAVITY: 0.6039

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

DRY BTU @ 14.650: 1010.8

DRY BTU @ 14.696: 1014.0

DRY BTU @ 14.730: 1016.3

DRY BTU @ 15.025: 1036.7

CYLINDER #: 6227

CYLINDER PRESSURE: 128 PSIG

DATE RUN: 5/12/17 1:43 PM

ANALYSIS RUN BY: PATRICIA KING



WPX ENERGY PRODUCTION, LLC
WELL ANALYSIS COMPARISON

OIL CONS. DIV DIST. 3
MAY 23 2017

Lease: NM-32-11 COM #1C; CSG
Stn. No.:
Mtr. No.:

CASING
DK/MV

05/19/2017
85500-12905

Smpl Date: 05/12/2017
Test Date: 05/12/2017
Run No: WP170063
Nitrogen: 0.112
CO2: 2.892
Methane: 93.729
Ethane: 2.712
Propane: 0.317
I-Butane: 0.091
N-Butane: 0.046
I-Pentane: 0.029
N-Pentane: 0.027
Hexane+: 0.045
BTU: 1016.3
GPM: 17.3290
SPG: 0.6039