



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

Analysis No: WP170057
Cust No: 85500-12880

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: COX CANYON #3; INT
County/State: SAN JUAN NM
Location:
Field:
Formation: MV
Cust. Stn. No.:

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

API: 3004511495

Remarks: SAMPLE RAN ON 05/19/2017. PRESSURED WITH HELIUM TO 30 LBS.

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	5.793	0.6390	0.00	0.0560
CO2	0.031	0.0050	0.00	0.0005
Methane	77.749	13.2220	785.26	0.4307
Ethane	9.394	2.5200	166.25	0.0975
Propane	3.814	1.0540	95.97	0.0581
Iso-Butane	0.325	0.1070	10.57	0.0065
N-Butane	0.838	0.2650	27.34	0.0168
I-Pentane	0.206	0.0760	8.24	0.0051
N-Pentane	0.215	0.0780	8.62	0.0054
Hexane Plus	1.635	0.7310	86.18	0.0541
Total	100.000	18.6970	1188.43	0.7307

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0034
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1195.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1174.4
REAL SPECIFIC GRAVITY: 0.7329

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

DRY BTU @ 14.650: 1188.7
DRY BTU @ 14.696: 1192.4
DRY BTU @ 14.730: 1195.2
DRY BTU @ 15.025: 1219.1

CYLINDER #: CHACO 16
CYLINDER PRESSURE: 0 PSIG
DATE RUN: 5/12/17 12:00 AM
ANALYSIS RUN BY: PATRICIA KING



WPX ENERGY PRODUCTION, LLC

WELL ANALYSIS COMPARISON

API: 3004511495

Lease: COX CANYON #3; INT
Stn. No.:
Mtr. No.:

INTERMEDIATE
MV

05/19/2017
85500-12880

Smpl Date: 05/12/2017
Test Date: 05/12/2017
Run No: WP170057

Nitrogen: 5.793
CO2: 0.031
Methane: 77.749
Ethane: 9.394
Propane: 3.814
I-Butane: 0.325
N-Butane: 0.838
I-Pentane: 0.206
N-Pentane: 0.215
Hexane+: 1.635

BTU: 1195.2
GPM: 18.6970
SPG: 0.7329



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

Analysis No: WP170068
Cust No: 85500-12920

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: COX CANYON #3; CSG
County/State: SAN JUAN NM
Location:
Field:
Formation: MV
Cust. Str. No.:

Source: CASING
Pressure: PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 05/20/2017
Sampled By: RICK CONAWAY
Foreman/Engr.: DARREN ROWLEY

API: 3004511405

Remarks: SAMPLE RAN ON 05/22/2017

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.183	0.0200	0.00	0.0018
CO2	2.092	0.3590	0.00	0.0318
Methane	74.399	12.6660	751.43	0.4121
Ethane	11.443	3.0730	202.51	0.1188
Propane	6.088	1.6840	153.18	0.0927
Iso-Butane	1.103	0.3620	35.87	0.0221
N-Butane	1.857	0.5880	60.58	0.0373
I-Pentane	0.696	0.2560	27.85	0.0173
N-Pentane	0.578	0.2100	23.17	0.0144
Hexane Plus	1.561	0.6990	82.28	0.0517
Total	100.000	19.9170	1336.87	0.7999

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0045

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1346.0

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1322.6

REAL SPECIFIC GRAVITY: 0.8032

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

DRY BTU @ 14.650: 1338.7

DRY BTU @ 14.696: 1342.9

DRY BTU @ 14.730: 1346.0

DRY BTU @ 15.025: 1373.0

CYLINDER #: MM #5

CYLINDER PRESSURE: 70 PSIG

DATE RUN: 5/20/17 4:12 PM

ANALYSIS RUN BY: ALEX VALDEZ



WPX ENERGY PRODUCTION, LLC

WELL ANALYSIS COMPARISON

API: 3004511405

Lease: COX CANYON #3; CSG
Stn. No.:
Mtr. No.:

CASING
MV

05/23/2017
85500-12920

Smpl Date: 05/20/2017
Test Date: 05/20/2017
Run No: WP170068

Nitrogen: 0.183
CO2: 2.092
Methane: 74.399
Ethane: 11.443
Propane: 6.088
I-Butane: 1.103
N-Butane: 1.857
I-Pentane: 0.696
N-Pentane: 0.578
Hexane+: 1.561

BTU: 1346.0
GPM: 19.9170
SPG: 0.8032