



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

Analysis No: WP170080
Cust No: 85500-12965

Well/Lease Information

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

Source: CASING
Pressure: PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 05/24/2017
Sampled By: RICK CONAWAY
Foreman/Engr.: DARREN ROWLEY

API: 3004530871

Remarks: SAMPLE RAN ON 05/24/2017

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.112	0.0120	0.00	0.0011
CO2	1.623	0.2780	0.00	0.0247
Methane	84.721	14.4040	855.68	0.4693
Ethane	8.244	2.2110	145.89	0.0856
Propane	2.974	0.8220	74.83	0.0453
Iso-Butane	0.631	0.2070	20.52	0.0127
N-Butane	0.686	0.2170	22.38	0.0138
I-Pentane	0.282	0.1030	11.28	0.0070
N-Pentane	0.171	0.0620	6.85	0.0043
Hexane Plus	0.556	0.2490	29.31	0.0184
Total	100.000	18.5650	1166.75	0.6820

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0031
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1173.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1152.7
REAL SPECIFIC GRAVITY: 0.6838

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

DRY BTU @ 14.650: 1166.7
DRY BTU @ 14.696: 1170.4
DRY BTU @ 14.730: 1173.1
DRY BTU @ 15.025: 1196.6

CYLINDER #: 6013
CYLINDER PRESSURE: 94 PSIG
DATE RUN: 5/24/17 2:15 PM
ANALYSIS RUN BY: PATRICIA KING

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WPX ENERGY PRODUCTION, LLC

WELL ANALYSIS COMPARISON

API : 3004530871

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

CASING
MV

05/24/2017
85500-12965

Smpl Date: 05/24/2017

Test Date: 05/24/2017

Run No: WP170080

Nitrogen: 0.112

CO2: 1.623

Methane: 84.721

Ethane: 8.244

Propane: 2.974

I-Butane: 0.631

N-Butane: 0.686

I-Pentane: 0.282

N-Pentane: 0.171

Hexane+: 0.556

BTU: 1173.1

GPM: 18.5650

SPG: 0.6838



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

Analysis No: WP170081
Cust No: 85500-12925

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: COX CANYON #3B; 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: 05/24/2017
Sampled By: RICK CONAWAY
Foreman/Engr.: DARREN ROWLEY

API: 3004530871

Remarks: SAMPLE RAN ON 05/24/2017

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.237	0.0260	0.00	0.0023
CO2	0.076	0.0130	0.00	0.0012
Methane	89.752	15.2540	906.50	0.4971
Ethane	4.466	1.1970	79.03	0.0464
Propane	3.849	1.0630	96.84	0.0586
Iso-Butane	0.651	0.2140	21.17	0.0131
N-Butane	0.653	0.2060	21.30	0.0131
I-Pentane	0.130	0.0480	5.20	0.0032
N-Pentane	0.087	0.0320	3.49	0.0022
Hexane Plus	0.099	0.0440	5.22	0.0033
Total	100.000	18.0970	1138.75	0.6404

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0028
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1144.5
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1124.6
REAL SPECIFIC GRAVITY: 0.6419

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

DRY BTU @ 14.650: 1138.3
DRY BTU @ 14.696: 1141.9
DRY BTU @ 14.730: 1144.5
DRY BTU @ 15.025: 1167.4

CYLINDER #: 6098
CYLINDER PRESSURE: 55 PSIG
DATE RUN: 5/24/17 2:16 PM
ANALYSIS RUN BY: ALEX VALDEZ



WPX ENERGY PRODUCTION, LLC

WELL ANALYSIS COMPARISON

API: 3604530871

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

INTERMEDIATE
MV

05/24/2017
85500-12925

Smpl Date:	05/24/2017	05/21/2017
Test Date:	05/24/2017	05/21/2017
Run No: -	WP170081	WP170069
Nitrogen:	0.237	0.185
CO2:	0.076	0.103
Methane:	89.752	87.779
Ethane:	4.466	4.627
Propane:	3.849	4.595
I-Butane:	0.651	0.955
N-Butane:	0.653	1.097
I-Pentane:	0.130	0.268
N-Pentane:	0.087	0.192
Hexane+:	0.099	0.199
BTU:	1144.5	1186.1
GPM:	18.0970	18.3870
SPG:	0.6419	0.6685