



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

Analysis No: WP170071
Cust No: 85500-12935

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: COX CANYON #5B; INT
County/State: SAN JUAN NM
Location:
Field:
Formation: DK/MV
Cust. Stn. No.:

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

API: 3004532142

Remarks: SAMPLE RAN 05/22/2017

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.759	0.0840	0.00	0.0073
CO2	0.010	0.0020	0.00	0.0002
Methane	85.886	14.6030	867.45	0.4757
Ethane	5.235	1.4040	92.64	0.0543
Propane	4.432	1.2250	111.51	0.0675
Iso-Butane	1.440	0.4730	46.83	0.0289
N-Butane	0.987	0.3120	32.20	0.0198
I-Pentane	0.478	0.1750	19.12	0.0119
N-Pentane	0.227	0.0830	9.10	0.0057
Hexane Plus	0.546	0.2440	28.78	0.0181
Total	100.000	18.6050	1207.64	0.6894

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0032

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1214.3

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1193.2

REAL SPECIFIC GRAVITY: 0.6913

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

DRY BTU @ 14.650: 1207.7

DRY BTU @ 14.696: 1211.5

DRY BTU @ 14.730: 1214.3

DRY BTU @ 15.025: 1238.6

CYLINDER #: CHACO #36

CYLINDER PRESSURE: 40 PSIG

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

ANALYSIS RUN BY: ALEX VALDEZ

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WPX ENERGY PRODUCTION, LLC

WELL ANALYSIS COMPARISON

API: 3004532142

Lease: COX CANYON #5B; INT
Stn. No.:
Mtr. No.:

INTERMEDIATE
DK/MV

05/23/2017
85500-12935

Smpl Date: 05/20/2017
Test Date: 05/20/2017
Run No: WP170071
Nitrogen: 0.759
CO2: 0.010
Methane: 85.886
Ethane: 5.235
Propane: 4.432
I-Butane: 1.440
N-Butane: 0.987
I-Pentane: 0.478
N-Pentane: 0.227
Hexane+: 0.546
BTU: 1214.3
GPM: 18.6050
SPG: 0.6913



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

Analysis No: WP170070
Cust No: 85500-12930

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: COX CANYON #5B; 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: 05/20/2017
Sampled By: RICK CONAWAY
Foreman/Engr.: DARREN ROWLEY

API: 3004532142

Remarks: SAMPLE RAN ON 05/22/2017

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.128	0.0140	0.00	0.0012
CO2	1.895	0.3240	0.00	0.0288
Methane	83.564	14.2100	843.99	0.4629
Ethane	7.982	2.1410	141.26	0.0829
Propane	3.360	0.9290	84.54	0.0512
Iso-Butane	0.633	0.2080	20.58	0.0127
N-Butane	0.931	0.2940	30.37	0.0187
I-Pentane	0.337	0.1240	13.48	0.0084
N-Pentane	0.268	0.0970	10.74	0.0067
Hexane Plus	0.902	0.4030	47.55	0.0299
Total	100.000	18.7440	1192.52	0.7032

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0033

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1199.2

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1178.3

REAL SPECIFIC GRAVITY: 0.7053

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

DRY BTU @ 14.650: 1192.7

DRY BTU @ 14.696: 1196.4

DRY BTU @ 14.730: 1199.2

DRY BTU @ 15.025: 1223.2

CYLINDER #: RE #15

CYLINDER PRESSURE: 81 PSIG

DATE RUN: 5/20/17 4:16 PM

ANALYSIS RUN BY: PATRICIA KING



WPX ENERGY PRODUCTION, LLC

WELL ANALYSIS COMPARISON

API: 3004532142

Lease: COX CANYON #5B; CSG
Stn. No.:
Mtr. No.:

CASING
DK/MV

05/23/2017
85500-12930

Smpl Date: 05/20/2017
Test Date: 05/20/2017
Run No: WP170070

Nitrogen: 0.128

CO2: 1.895

Methane: 83.564

Ethane: 7.982

Propane: 3.360

I-Butane: 0.633

N-Butane: 0.931

I-Pentane: 0.337

N-Pentane: 0.268

Hexane+: 0.902

BTU: 1199.2

GPM: 18.7440

SPG: 0.7053