



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

Analysis No: WP170061
Cust No: 85500-12895

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: COX CANYON #9C; 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: 05/09/2017
Sampled By: RICK CONAWAY
Foreman/Engr.: DARREN ROWELY

API : 3004533851

Remarks: SAMPLES RAN ON 05/19/2017.

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.915	0.1010	0.00	0.0088
CO2	0.035	0.0060	0.00	0.0005
Methane	87.522	14.8770	883.97	0.4848
Ethane	4.665	1.2510	82.56	0.0484
Propane	4.230	1.1680	106.43	0.0644
Iso-Butane	1.091	0.3580	35.48	0.0219
N-Butane	0.872	0.2760	28.45	0.0175
I-Pentane	0.331	0.1210	13.24	0.0082
N-Pentane	0.167	0.0610	6.69	0.0042
Hexane Plus	0.172	0.0770	9.07	0.0057
Total	100.000	18.2960	1165.89	0.6645

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0029
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1172.0
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1151.6
REAL SPECIFIC GRAVITY: 0.6662

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

DRY BTU @ 14.650: 1165.6
DRY BTU @ 14.696: 1169.3
DRY BTU @ 14.730: 1172.0
DRY BTU @ 15.025: 1195.5

CYLINDER #: 6004
CYLINDER PRESSURE: 780 PSIG
DATE RUN: 5/9/17 12:00 AM
ANALYSIS RUN BY: RICHARD WILSON

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WPX ENERGY PRODUCTION, LLC

WELL ANALYSIS COMPARISON

API 3004533851

Lease: COX CANYON #9C; INT

Stn. No.:

Mtr. No.:

INTERMEDIATE

DK/MV

05/19/2017

85500-12895

Smpl Date: 05/09/2017

Test Date: 05/09/2017

Run No: WP170061

Nitrogen: 0.915

CO2: 0.035

Methane: 87.522

Ethane: 4.665

Propane: 4.230

I-Butane: 1.091

N-Butane: 0.872

I-Pentane: 0.331

N-Pentane: 0.167

Hexane+: 0.172

BTU: 1172.0

GPM: 18.2960

SPG: 0.6662



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

Analysis No: WP170073
Cust No: 85500-12945

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: COX CANYON #9C; CSG
County/State: SAN JUAN NM
Location:
Field:
Formation: DK/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: 3004533851

Remarks: SAMPLE RAN ON 05/22/2017

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.358	0.0400	0.00	0.0035
CO2	0.203	0.0350	0.00	0.0031
Methane	81.586	13.8800	824.02	0.4519
Ethane	8.643	2.3200	152.96	0.0897
Propane	4.506	1.2460	113.38	0.0686
Iso-Butane	0.785	0.2580	25.53	0.0158
N-Butane	1.523	0.4820	49.68	0.0306
I-Pentane	0.584	0.2140	23.37	0.0145
N-Pentane	0.561	0.2040	22.49	0.0140
Hexane Plus	1.251	0.5600	65.94	0.0414
Total	100.000	19.2390	1277.36	0.7330

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0038
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1285.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1262.8
REAL SPECIFIC GRAVITY: 0.7355

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

DRY BTU @ 14.650: 1278.2
DRY BTU @ 14.696: 1282.2
DRY BTU @ 14.730: 1285.2
DRY BTU @ 15.025: 1310.9

CYLINDER #: CHACO #9
CYLINDER PRESSURE: 107 PSIG
DATE RUN: 5/22/17 4:21 PM
ANALYSIS RUN BY: ALEX VALDEZ



WPX ENERGY PRODUCTION, LLC

WELL ANALYSIS COMPARISON

API: 3004533851

Lease: COX CANYON #9C; CSG
Stn. No.:
Mtr. No.:

CASING
DK/MV

05/23/2017
85500-12945

Smpl Date: 05/20/2017

Test Date: 05/22/2017

Run No: WP170073

Nitrogen: 0.358

CO2: 0.203

Methane: 81.586

Ethane: 8.643

Propane: 4.506

I-Butane: 0.785

N-Butane: 1.523

I-Pentane: 0.584

N-Pentane: 0.561

Hexane+: 1.251

BTU: 1285.2

GPM: 19.2390

SPG: 0.7355