



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

Analysis No: WP170054
Cust No: 85500-12870

30-045-27878

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: COX CANYON #200; BHD
County/State:
Location:
Field:
Formation:
Cust. Stn. No.:

Source: BRADENHEAD
Pressure: 7 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 05/03/2017
Sampled By: DAVID RANDLEMAN
Foreman/Engr.: DARREN ROWLEY

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

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	79.191	8.7160	0.00	0.7659
CO2	0.358	0.0610	0.00	0.0054
Methane	17.674	2.9980	178.51	0.0979
Ethane	1.253	0.3350	22.17	0.0130
Propane	0.492	0.1360	12.38	0.0075
Iso-Butane	0.079	0.0260	2.57	0.0016
N-Butane	0.100	0.0320	3.26	0.0020
I-Pentane	0.033	0.0120	1.32	0.0008
N-Pentane	0.000	0.0000	0.00	0.0000
Hexane Plus	0.820	0.3660	43.22	0.0271
Total	100.000	12.6820	263.44	0.9213

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0007

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 264.2

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 259.6

REAL SPECIFIC GRAVITY: 0.9216

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

DRY BTU @ 14.650: 262.8

DRY BTU @ 14.696: 263.6

DRY BTU @ 14.730: 264.2

DRY BTU @ 15.025: 269.5

CYLINDER #: 6248

CYLINDER PRESSURE: PSIG

DATE RUN: 5/3/17 8:33 AM

ANALYSIS RUN BY: PATRICIA KING



WPX ENERGY PRODUCTION, LLC
WELL ANALYSIS COMPARISON

Lease: COX CANYON #200; BHD
Stn. No.:
Mtr. No.:

BRADENHEAD

05/08/2017
85500-12870

Smpl Date: 05/03/2017
Test Date: 05/03/2017
Run No: WP170054
Nitrogen: 79.191
CO2: 0.358
Methane: 17.674
Ethane: 1.253
Propane: 0.492
I-Butane: 0.079
N-Butane: 0.100
I-Pentane: 0.033
N-Pentane: 0.000
Hexane+: 0.820
BTU: 264.2
GPM: 12.6820
SPG: 0.9216



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

Analysis No: WP170055
Cust No: 85500-12875

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: COX CANYON #200; CSG
County/State:
Location:
Field:
Formation:
Cust. Stn. No.:

Source: CASING
Pressure: 49 PSIG
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 05/03/2017
Sampled By: DAVID RANDLEMAN
Foreman/Engr.: DARREN ROWLEY

Remarks: SAMPLE RAN ON 05/05/2017

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.201	0.0220	0.00	0.0019
CO2	1.611	0.2760	0.00	0.0245
Methane	84.977	14.4460	858.27	0.4707
Ethane	7.546	2.0240	133.54	0.0783
Propane	3.589	0.9910	90.30	0.0546
Iso-Butane	0.591	0.1940	19.22	0.0119
N-Butane	0.762	0.2410	24.86	0.0153
I-Pentane	0.235	0.0860	9.40	0.0059
N-Pentane	0.164	0.0600	6.57	0.0041
Hexane Plus	0.324	0.1450	17.08	0.0107
Total	100.000	18.4850	1159.24	0.6779

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.003
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1165.4
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1145.1
REAL SPECIFIC GRAVITY: 0.6797

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

DRY BTU @ 14.650: 1159.1
DRY BTU @ 14.696: 1162.7
DRY BTU @ 14.730: 1165.4
DRY BTU @ 15.025: 1188.7

CYLINDER #: 6126
CYLINDER PRESSURE: 46 PSIG
DATE RUN: 5/3/17 8:34 AM
ANALYSIS RUN BY: PATRICIA KING



WPX ENERGY PRODUCTION, LLC
WELL ANALYSIS COMPARISON

Lease: COX CANYON #200; CSG
Stn. No.:
Mtr. No.:

CASING

05/08/2017
85500-12875

Smpl Date: 05/03/2017
Test Date: 05/03/2017
Run No: WP170055

Nitrogen: 0.201
CO2: 1.611
Methane: 84.977
Ethane: 7.546
Propane: 3.589
I-Butane: 0.591
N-Butane: 0.762
I-Pentane: 0.235
N-Pentane: 0.164
Hexane+: 0.324

BTU: 1165.4
GPM: 18.4850
SPG: 0.6797