



OIL CONS. DIV DIST. 3

JUN 17 2016

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: WP160152
Cust No: 85500-12565

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: ROSA 360; BHD
County/State:
Location:
Field:
Formation:
Cust. Str. No.: 62047711Source: BRADENHEAD
Pressure: 87 PSIG
Sample Temp: 79 DEG. F
Well Flowing:
Date Sampled: 05/04/2016
Sampled By: CRAIG J
Foreman/Engr.:

API: 3003929882

Remarks: SPOT

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.396	0.1540	0.00	0.0135
CO2	0.030	0.0050	0.00	0.0005
Methane	93.402	15.8650	943.36	0.5174
Ethane	4.761	1.2760	84.26	0.0494
Propane	0.215	0.0590	5.41	0.0033
Iso-Butane	0.095	0.0310	3.09	0.0019
N-Butane	0.036	0.0110	1.17	0.0007
I-Pentane	0.035	0.0130	1.40	0.0009
N-Pentane	0.007	0.0030	0.28	0.0002
Hexane Plus	0.023	0.0100	1.21	0.0008
Total	100.000	17.4270	1040.18	0.5885

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0022

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1044.9

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1026.7

REAL SPECIFIC GRAVITY: 0.5895

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

DRY BTU @ 14.650: 1039.2

DRY BTU @ 14.696: 1042.5

DRY BTU @ 14.730: 1044.9

DRY BTU @ 15.025: 1065.8

CYLINDER #: RS #4

CYLINDER PRESSURE: 76 PSIG

DATE RUN: 5/6/16 2:43 PM

ANALYSIS RUN BY: Shyann Elledge



WPX ENERGY PRODUCTION, LLC
WELL ANALYSIS COMPARISON

Lease: ROSA 360; BHD
Stn. No.: 62047711
Mtr. No.:

BRADENHEAD

05/16/2016
85500-12565

Smpl Date: 05/04/2016
Test Date: 05/06/2016
Run No: WP160152

Nitrogen: 1.396
CO2: 0.030
Methane: 93.402
Ethane: 4.761
Propane: 0.215
I-Butane: 0.095
N-Butane: 0.036
I-Pentane: 0.035
N-Pentane: 0.007
Hexane+: 0.023

BTU: 1044.9
GPM: 17.4270
SPG: 0.5895



OIL CONS. DIV DIST. 3

JUN 17 2016

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: WP160163
Cust No: 85500-12570**Well/Lease Information**Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: ROSA 360; SALES LINE
County/State:
Location:
Field:
Formation:
Cust. Stn. No.: 62047711Source: SALES LINE
Pressure: 59 PSIG
Sample Temp: 79 DEG. F
Well Flowing:
Date Sampled: 05/04/2016
Sampled By: CRAIG J
Foreman/Engr.:

API: 3003929882

Remarks: SPOT

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.048	0.0050	0.00	0.0005
CO2	2.901	0.4960	0.00	0.0441
Methane	96.674	16.4190	976.41	0.5355
Ethane	0.265	0.0710	4.69	0.0028
Propane	0.046	0.0130	1.16	0.0007
Iso-Butane	0.009	0.0030	0.29	0.0002
N-Butane	0.011	0.0030	0.36	0.0002
I-Pentane	0.003	0.0010	0.12	0.0001
N-Pentane	0.002	0.0010	0.08	0.0000
Hexane Plus	0.041	0.0180	2.16	0.0014
Total	100.000	17.0300	985.27	0.5854

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0021

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 989.6

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 972.4

REAL SPECIFIC GRAVITY: 0.5864

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

DRY BTU @ 14.650: 984.2

DRY BTU @ 14.696: 987.3

DRY BTU @ 14.730: 989.6

DRY BTU @ 15.025: 1009.4

CYLINDER #: RE #17

CYLINDER PRESSURE: 41 PSIG

DATE RUN: 5/10/16 2:44 PM

ANALYSIS RUN BY: JENNIFER DEAN



WPX ENERGY PRODUCTION, LLC
WELL ANALYSIS COMPARISON

Lease: ROSA 360; SALES LINE
Stn. No.: 62047711
Mtr. No.:

SALES LINE

05/16/2016
85500-12570

Smpl Date: 05/06/2016
Test Date: 05/10/2016
Run No: WP160153

Nitrogen: 0.048
CO2: 2.901
Methane: 96.674
Ethane: 0.265
Propane: 0.046
I-Butane: 0.009
N-Butane: 0.011
I-Pentane: 0.003
N-Pentane: 0.002
Hexane+: 0.041

BTU: 989.6
GPM: 17.0300
SPG: 0.5864