



OIL CONS. DIV DIST. 3

JUL 22 2016

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: WP160202
Cust No: 85500-12645**Well/Lease Information**Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: ROSA UNIT #14; MTR RUN
County/State: RIO ARRIBA NM
Location:
Field:
Formation: MV
Cust. Stn. No.:Source: METER RUN
Pressure: 58 PSIG
Sample Temp: 81 DEG. F
Well Flowing: Y
Date Sampled: 07/19/2016
Sampled By: CODY MEISNER
Foreman/Engr.: CURTIS HECKMAN

API: 3003907958

Remarks: SPOT

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.072	0.0080	0.00	0.0007
CO2	1.952	0.3340	0.00	0.0297
Methane	95.377	16.2010	963.31	0.5283
Ethane	2.226	0.5960	39.39	0.0231
Propane	0.237	0.0650	5.96	0.0036
Iso-Butane	0.041	0.0130	1.33	0.0008
N-Butane	0.019	0.0060	0.62	0.0004
I-Pentane	0.008	0.0030	0.32	0.0002
N-Pentane	0.003	0.0010	0.12	0.0001
Hexane Plus	0.065	0.0290	3.43	0.0022
Total	100.000	17.2560	1014.48	0.5890

* @ 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): 1019.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1001.4
REAL SPECIFIC GRAVITY: 0.5901GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.DRY BTU @ 14.650: 1013.6
DRY BTU @ 14.696: 1016.7
DRY BTU @ 14.730: 1019.1
DRY BTU @ 15.025: 1039.5CYLINDER #: CHACO 32
CYLINDER PRESSURE: 67 PSIG
DATE RUN: 7/20/16 2:31 PM
ANALYSIS RUN BY: Shyann Elledge



WPX ENERGY PRODUCTION, LLC
WELL ANALYSIS COMPARISON

Lease: ROSA UNIT #14; MTR RUN
Stn. No.:
Mtr. No.:

METER RUN
MV

07/21/2016
85500-12645

Smpl Date: 07/19/2016
Test Date: 07/20/2016
Run No: WP160202
Nitrogen: 0.072
CO2: 1.952
Methane: 95.377
Ethane: 2.226
Propane: 0.237
I-Butane: 0.041
N-Butane: 0.019
I-Pentane: 0.008
N-Pentane: 0.003
Hexane+: 0.065
BTU: 1019.1
GPM: 17.2560
SPG: 0.5901



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

Analysis No: WP160201
Cust No: 85500-12640

Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC
Well Name: ROSA UNIT #14; INTRM
County/State: RIO ARRIBA NM
Location:
Field:
Formation: MV
Cust. Stn. No.:

Source: INTERMEDIATE
Pressure: 52 PSIG
Sample Temp: 71 DEG. F
Well Flowing: Y
Date Sampled: 07/19/2016
Sampled By: CODY MEISNER
Foreman/Engr.: CURTIS HECKMAN

API: 3003907958

Remarks: SPOT

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.069	0.0080	0.00	0.0007
CO2	1.732	0.2960	0.00	0.0263
Methane	96.520	16.3930	974.85	0.5346
Ethane	1.433	0.3840	25.36	0.0149
Propane	0.160	0.0440	4.03	0.0024
Iso-Butane	0.032	0.0100	1.04	0.0006
N-Butane	0.016	0.0050	0.52	0.0003
I-Pentane	0.008	0.0030	0.32	0.0002
N-Pentane	0.004	0.0010	0.16	0.0001
Hexane Plus	0.026	0.0120	1.37	0.0009
Total	100.000	17.1560	1007.65	0.5810

* @ 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): 1012.1
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 994.5
REAL SPECIFIC GRAVITY: 0.582

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

DRY BTU @ 14.650: 1006.6
DRY BTU @ 14.696: 1009.8
DRY BTU @ 14.730: 1012.1
DRY BTU @ 15.025: 1032.4

CYLINDER #: R.N.# 8
CYLINDER PRESSURE: 44 PSIG
DATE RUN: 7/20/16 2:30 PM
ANALYSIS RUN BY: Shyann Elledge



WPX ENERGY PRODUCTION, LLC
WELL ANALYSIS COMPARISON

Lease: ROSA UNIT #14; INTRM
Stn. No.:
Mtr. No.:

INTERMEDIATE
MV

07/21/2016
85500-12640

Smpl Date: 07/19/2016
Test Date: 07/20/2016
Run No: WP160201
Nitrogen: 0.069
CO2: 1.732
Methane: 96.520
Ethane: 1.433
Propane: 0.160
I-Butane: 0.032
N-Butane: 0.016
I-Pentane: 0.008
N-Pentane: 0.004
Hexane+: 0.026
BTU: 1012.1
GPM: 17.1560
SPG: 0.5820