



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

Analysis No: WP170053  
Cust No: 85500-12865

30-045-32804

### Well/Lease Information

Customer Name: WPX ENERGY PRODUCTION, LLC  
Well Name: NM 32-11 COM #1C; INT  
County/State: SAN JUAN NM  
Location:  
Field:  
Formation: DK / MESA VERDE  
Cust. Stn. No.:

Source: INTERMEDIATE  
Pressure: PSIG  
Sample Temp: DEG. F  
Well Flowing: Y  
Date Sampled: 04/18/2017  
Sampled By: RICK CONAWAY  
Foreman/Engr.: DARREN ROWLEY

Remarks: SAMPLE RAN ON 05/04/2017

### Analysis

| Component:: | Mole%:  | **GPM:  | *BTU:   | *SP Gravity: |
|-------------|---------|---------|---------|--------------|
| Nitrogen    | 0.419   | 0.0460  | 0.00    | 0.0041       |
| CO2         | 0.001   | 0.0000  | 0.00    | 0.0000       |
| Methane     | 89.530  | 15.2170 | 904.25  | 0.4959       |
| Ethane      | 4.765   | 1.2780  | 84.33   | 0.0495       |
| Propane     | 3.320   | 0.9170  | 83.54   | 0.0505       |
| Iso-Butane  | 0.718   | 0.2360  | 23.35   | 0.0144       |
| N-Butane    | 0.697   | 0.2200  | 22.74   | 0.0140       |
| I-Pentane   | 0.224   | 0.0820  | 8.96    | 0.0056       |
| N-Pentane   | 0.129   | 0.0470  | 5.17    | 0.0032       |
| Hexane Plus | 0.197   | 0.0880  | 10.38   | 0.0065       |
| Total       | 100.000 | 18.1310 | 1142.72 | 0.6437       |

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

\*\*@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0028  
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1148.6  
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1128.6  
REAL SPECIFIC GRAVITY: 0.6453

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

DRY BTU @ 14.650: 1142.4  
DRY BTU @ 14.696: 1145.9  
DRY BTU @ 14.730: 1148.6  
DRY BTU @ 15.025: 1171.6

CYLINDER #: 6015  
CYLINDER PRESSURE: 469 PSIG  
DATE RUN: 4/18/17 12:00 AM  
ANALYSIS RUN BY: PATRICIA KING



WPX ENERGY PRODUCTION, LLC

WELL ANALYSIS COMPARISON

**Lease:** NM 32-11 COM #1C; INT  
**Stn. No.:**  
**Mtr. No.:**

INTERMEDIATE  
DK / MESA VERDE

05/08/2017  
85500-12865

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**Smpl Date:** 04/18/2017  
**Test Date:** 04/18/2017  
**Run No:** WP170053  
**Nitrogen:** 0.419  
**CO2:** 0.001  
**Methane:** 89.530  
**Ethane:** 4.765  
**Propane:** 3.320  
**I-Butane:** 0.718  
**N-Butane:** 0.697  
**I-Pentane:** 0.224  
**N-Pentane:** 0.129  
**Hexane+:** 0.197  
**BTU:** 1148.6  
**GPM:** 18.1310  
**SPG:** 0.6453