



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

Analysis No: CP160445  
Cust No: 18300-27960

### Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY  
Well Name: AXI APACHE J #3; BHD  
County/State:  
Location: E06-25N-05W  
Field:  
Formation:  
Cust. Str. No.: 300390616700S01

Source: BRADENHEAD  
Pressure: 36 PSIG  
Sample Temp: 88 DEG. F  
Well Flowing: Y  
Date Sampled: 07/18/2016  
Sampled By: JACKSON HULL  
Foreman/Engr.: N. BLOOMFIELD

OIL CONS. DIV DIST. 3

Remarks: W/O 9244752

SEP 20 2016

### Analysis

| Component:  | Mole%:  | **GPM:  | *BTU:   | *SP Gravity: |
|-------------|---------|---------|---------|--------------|
| Nitrogen    | 0.753   | 0.0830  | 0.00    | 0.0073       |
| CO2         | 0.125   | 0.0210  | 0.00    | 0.0019       |
| Methane     | 84.011  | 14.2860 | 848.51  | 0.4653       |
| Ethane      | 7.519   | 2.0170  | 133.07  | 0.0781       |
| Propane     | 4.205   | 1.1620  | 105.80  | 0.0640       |
| Iso-Butane  | 0.890   | 0.2920  | 28.94   | 0.0179       |
| N-Butane    | 1.063   | 0.3360  | 34.68   | 0.0213       |
| I-Pentane   | 0.413   | 0.1520  | 16.52   | 0.0103       |
| N-Pentane   | 0.273   | 0.0990  | 10.94   | 0.0068       |
| Hexane Plus | 0.748   | 0.3350  | 39.43   | 0.0248       |
| Total       | 100.000 | 18.7830 | 1217.89 | 0.6976       |

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/Z): 1.0033  
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1224.8  
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1203.5  
REAL SPECIFIC GRAVITY: 0.6997

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

DRY BTU @ 14.650: 1218.1  
DRY BTU @ 14.696: 1222.0  
DRY BTU @ 14.730: 1224.8  
DRY BTU @ 15.025: 1249.3

CYLINDER #: 6247  
CYLINDER PRESSURE: 29 PSIG  
DATE RUN: 7/19/16 12:00 AM  
ANALYSIS RUN BY: DAWN BLASSINGAME



CONOCO PHILLIPS COMPANY  
WELL ANALYSIS COMPARISON

Lease: AXI APACHE J #3; BHD  
Stn. No.:  
Mtr. No.: 300390616700S01

BRADENHEAD

07/20/2016  
18300-27960

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Smpl Date: 07/18/2016  
Test Date: 07/19/2016  
Run No: CP160445  
  
Nitrogen: 0.753  
CO2: 0.125  
Methane: 84.011  
Ethane: 7.519  
Propane: 4.205  
I-Butane: 0.890  
N-Butane: 1.063  
I-Pentane: 0.413  
N-Pentane: 0.273  
Hexane+: 0.748  
  
BTU: 1224.8  
GPM: 18.7830  
SPG: 0.6997



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

Analysis No: CP160446  
Cust No: 18300-27965

### Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY  
Well Name: AXI APACHE J #3; CSG  
County/State:  
Location: E06-25N-05W  
Field:  
Formation:  
Cust. Stn. No.: 300390616700S01

Source: CASING  
Pressure: 36 PSIG  
Sample Temp: 88 DEG. F  
Well Flowing: Y  
Date Sampled: 07/18/2016  
Sampled By: JACKSON HULL  
Foreman/Engr.: N. BLOOMFIELD

OIL CONS. DIV DIST. 3

SEP 20 2016

Remarks: W/O 9244752

### Analysis

| Component:  | Mole%:  | **GPM:  | *BTU:   | *SP Gravity: |
|-------------|---------|---------|---------|--------------|
| Nitrogen    | 0.666   | 0.0740  | 0.00    | 0.0064       |
| CO2         | 0.126   | 0.0220  | 0.00    | 0.0019       |
| Methane     | 83.971  | 14.2820 | 848.11  | 0.4651       |
| Ethane      | 7.382   | 1.9810  | 130.64  | 0.0766       |
| Propane     | 4.128   | 1.1410  | 103.86  | 0.0628       |
| Iso-Butane  | 0.873   | 0.2870  | 28.39   | 0.0175       |
| N-Butane    | 1.033   | 0.3270  | 33.70   | 0.0207       |
| I-Pentane   | 0.402   | 0.1470  | 16.08   | 0.0100       |
| N-Pentane   | 0.274   | 0.1000  | 10.98   | 0.0068       |
| Hexane Plus | 1.145   | 0.5120  | 60.35   | 0.0379       |
| Total       | 100.000 | 18.8730 | 1232.12 | 0.7059       |

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/Z): 1.0035  
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1239.2  
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1217.6  
REAL SPECIFIC GRAVITY: 0.7081

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

DRY BTU @ 14.650: 1232.5  
DRY BTU @ 14.696: 1236.3  
DRY BTU @ 14.730: 1239.2  
DRY BTU @ 15.025: 1264.0

CYLINDER #: 7044  
CYLINDER PRESSURE: 64 PSIG  
DATE RUN: 7/19/16 9:56 AM  
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY  
WELL ANALYSIS COMPARISON

Lease: AXI APACHE J #3; CSG  
Stn. No.:  
Mtr. No.: 300390616700S01

CASING

07/20/2016  
18300-27965

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Smpl Date: 07/18/2016  
Test Date: 07/19/2016  
Run No: CP160446  
Nitrogen: 0.666  
CO2: 0.126  
Methane: 83.971  
Ethane: 7.382  
Propane: 4.128  
I-Butane: 0.873  
N-Butane: 1.033  
I-Pentane: 0.402  
N-Pentane: 0.274  
Hexane+: 1.145  
BTU: 1239.2  
GPM: 18.8730  
SPG: 0.7081