



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

Analysis No: CP150455  
Cust No: 18300-27170

**Well/Lease Information**

Customer Name: CONOCO PHILLIPS COMPANY Source: BRADENHEAD  
Well Name: ANGEL PEAK B27 DK BHD Pressure: 55 PSIG  
County/State: SAN JUAN Sample Temp: DEG. F  
Location: Well Flowing: Y  
Field: Date Sampled: 07/23/2015  
Formation: DK Sampled By: BRAD PARKER  
Cust. Stn. No.: N/A Foreman/Engr.: MIKE MEGORDEN

Remarks:

**Analysis**

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.926	0.1020	0.00	0.0090
CO2	0.020	0.0030	0.00	0.0003
Methane	88.926	15.1140	898.15	0.4926
Ethane	5.407	1.4500	95.69	0.0561
Propane	2.462	0.6800	81.95	0.0375
Iso-Butane	0.537	0.1760	17.46	0.0108
N-Butane	0.679	0.2150	22.15	0.0136
I-Pentane	0.291	0.1070	11.64	0.0072
N-Pentane	0.194	0.0710	7.78	0.0048
Hexane Plus	0.558	0.2490	29.41	0.0185
<b>Total</b>	<b>100.000</b>	<b>18.1670</b>	<b>1144.24</b>	<b>0.6504</b>

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/2): 1.0028  
BTU/CU.FT (DRY) CORRECTED FOR (1/2): 1150.1  
BTU/CU.FT (WET) CORRECTED FOR (1/2): 1130.1  
REAL SPECIFIC GRAVITY: 0.652

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

DRY BTU @ 14.650: 1143.9  
DRY BTU @ 14.696: 1147.4  
DRY BTU @ 14.730: 1150.1  
DRY BTU @ 15.025: 1173.1

CYLINDER #: 4179A  
CYLINDER PRESSURE: 57 PSIG  
DATE RUN: 8/14/15 3:08 PM  
ANALYSIS RUN BY: DAWN BLASSINGAME

30-045-24406



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

Analysis No: CP160462  
Cust No: 16300-23595

**Well/Lease Information**

Customer Name: CONOCO PHILLIPS COMPANY Source: BRADENHEAD  
Well Name: OHIO 1E; BHD Pressure: 48 PSIG  
County/State: SAN JUAN NM Sample Temp: DEG. F  
Location: O22-26N-11W Well Flowing: N  
Field: Date Sampled: 06/11/2016  
Formation: DK Sampled By: ROGER H.  
Cust. Stn. No.: 06733078 Foreman/Engr.:  
API# 3004524406

Remarks: W/O# 10390387

**Analysis**

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.248	0.0270	0.00	0.0024
CO2	0.012	0.0020	0.00	0.0002
Methane	88.822	15.0620	895.08	0.4908
Ethane	6.708	1.7980	118.71	0.0696
Propane	2.689	0.7430	67.66	0.0409
Iso-Butane	0.474	0.1580	15.41	0.0095
N-Butane	0.630	0.1990	20.55	0.0126
I-Pentane	0.214	0.0780	8.56	0.0053
N-Pentane	0.143	0.0520	5.73	0.0038
Hexane Plus	0.260	0.1160	13.70	0.0086
<b>Total</b>	<b>100.000</b>	<b>18.2340</b>	<b>1145.42</b>	<b>0.6437</b>

\* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

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

COMPRESSIBILITY FACTOR (1/2): 1.0028  
BTU/CU.FT (DRY) CORRECTED FOR (1/2): 1151.3  
BTU/CU.FT (WET) CORRECTED FOR (1/2): 1131.3  
REAL SPECIFIC GRAVITY: 0.6452

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

DRY BTU @ 14.650: 1145.0  
DRY BTU @ 14.696: 1148.6  
DRY BTU @ 14.730: 1151.3  
DRY BTU @ 15.025: 1174.4

CYLINDER #: 6123  
CYLINDER PRESSURE: 50 PSIG  
DATE RUN: 8/12/16 12:00 AM  
ANALYSIS RUN BY: PATRICIA KING