



OHIO 1E
API # 30-04S-24406

2030 Afton Place
OIL CONS. DIV DIST. Farmington, NM 87401
(505) 325-6622

SEP 09 2015

Analysis No: CP150483
Cust No: 18300-23595

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: OHIO 1E; BHD
County/State: SAN JUAN NM
Location: G22-28N-11W
Field:
Formation: DK
Cust. Stn. No.: 06733078
A706260SM

Source: BRADENHEAD
Pressure: PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 09/01/2015
Sampled By: DAVID BIXLER
Foreman/Engr.: MIKE MEGORDAN

Remarks: PRESSURED WITH HELIUM TO 30 LBS.

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.279	0.0310	0.00	0.0027
CO2	0.033	0.0060	0.00	0.0005
Methane	88.983	15.1240	898.73	0.4929
Ethane	6.379	1.7100	112.89	0.0662
Propane	2.549	0.7040	64.14	0.0388
Iso-Butane	0.442	0.1450	14.37	0.0089
N-Butane	0.600	0.1900	19.57	0.0120
I-Pentane	0.210	0.0770	8.40	0.0052
N-Pentane	0.141	0.0510	5.65	0.0035
Hexane Plus	0.384	0.1720	20.24	0.0127
Total	100.000	18.2100	1144.00	0.6435

* @ 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): 1149.9
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1129.9
REAL SPECIFIC GRAVITY: 0.645

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

DRY BTU @ 14.650: 1143.7
DRY BTU @ 14.696: 1147.2
DRY BTU @ 14.730: 1149.9
DRY BTU @ 15.025: 1172.9

CYLINDER #: 7048
CYLINDER PRESSURE: PSIG
DATE RUN: 9/3/15 12:51 PM
ANALYSIS RUN BY: JENNIFER DEAN



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: OHIO 1E; BHD
Stn. No.: 06733078
Mtr. No.: A706260SM

BRADENHEAD
DK

09/03/2015
18300-23595

Smpl Date:	09/01/2015	07/26/2012
Test Date:	09/03/2015	07/31/2012
Run No:	CP150483	CP120635
Nitrogen:	0.279	0.301
CO2:	0.033	0.002
Methane:	88.983	88.826
Ethane:	6.379	6.659
Propane:	2.549	2.614
I-Butane:	0.442	0.456
N-Butane:	0.600	0.602
I-Pentane:	0.210	0.199
N-Pentane:	0.141	0.130
Hexane+:	0.384	0.211
BTU:	1149.9	1145.4
GPM:	18.2100	18.1910
SPG:	0.6450	0.6418



OHIO 1E
API # 30-04S-24406

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

SEP 09 2015

Analysis No: CP150484
Cust No: 18300-23665

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: OHIO #1E; CSG
County/State: SAN JUAN NM
Location: G22-28N-11W
Field:
Formation: DK
Cust. Stn. No.: 06733078
A706260SM

Source: CASING
Pressure: PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 09/01/2015
Sampled By: DAVID BIXLER
Foreman/Engr.: MIKE MEGORDAN

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.345	0.0380	0.00	0.0033
CO2	1.603	0.2750	0.00	0.0244
Methane	78.148	13.2980	789.29	0.4329
Ethane	10.459	2.8080	185.09	0.1086
Propane	4.695	1.2980	118.13	0.0715
Iso-Butane	0.830	0.2730	26.99	0.0167
N-Butane	1.532	0.4850	49.98	0.0307
I-Pentane	0.638	0.2340	25.53	0.0159
N-Pentane	0.557	0.2030	22.33	0.0139
Hexane Plus	1.193	0.5340	62.88	0.0395
Total	100.000	19.4460	1280.23	0.7573

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.004
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1288.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1265.8
REAL SPECIFIC GRAVITY: 0.7599

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

DRY BTU @ 14.650: 1281.2
DRY BTU @ 14.696: 1285.2
DRY BTU @ 14.730: 1288.2
DRY BTU @ 15.025: 1314.0

CYLINDER #: 4163
CYLINDER PRESSURE: 50 PSIG
DATE RUN: 9/3/15 12:53 PM
ANALYSIS RUN BY: JENNIFER DEAN



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: OHIO #1E; CSG
Stn. No.: 06733078
Mtr. No.: A706260SM

CASING
DK

09/03/2015
18300-23665

Smpl Date:	09/01/2015	08/14/2012
Test Date:	09/03/2015	08/16/2012
Run No:	CP150484	CP120658
Nitrogen:	0.345	0.336
CO2:	1.603	1.607
Methane:	78.148	78.704
Ethane:	10.459	10.198
Propane:	4.695	4.469
I-Butane:	0.830	0.815
N-Butane:	1.532	1.541
I-Pentane:	0.638	0.616
N-Pentane:	0.557	0.542
Hexane+:	1.193	1.172
BTU:	1288.2	1280.7
GPM:	19.4460	19.3800
SPG:	0.7599	0.7551