30-045-24406

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

Analysis No: CP120635
Cust No: 18300-23595

Well/Lease Information

Customer Name:	CONOCO PHILLIPS COMPANY	Source:	BRADENHEAD
Well Name:	OHIO 1E	Pressure:	298 PSIG
County/State:	SAN JUAN NM	Sample Temp:	86 DEG. F
Location:	G22-28N-11W	Well Flowing:	N
Field:		Date Sampled:	07/26/2012
Formation:	DK	Sampled By:	KIRK LENIGER
Cust. Stn. No.:	06733078	Foreman/Engr.:	D. LEBOUF
	A706260SM		

OIL CONS. DIV DIST. 3

MAY 14 2014

Remarks: LEASE # NM020499

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.301	0.0330	0.00	0.0029
CO2	0.002	0.0000	0.00	0.0000
Methane	88.826	15.0970	897.14	0.4920
Ethane	6.659	1.7850	117.84	0.0691
Propane	2.614	0.7220	65.77	0.0398
Iso-Butane	0.456	0.1500	14.83	0.0092
N-Butane	0.602	0.1900	19.64	0.0121
I-Pentane	0.199	0.0730	7.96	0.0050
N-Pentane	0.130	0.0470	5.21	0.0032
Hexane Plus	0.211	0.0940	11.12	0.0070
Total	100.000	18.1910	1139.52	0.6403

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBLITY FACTOR (1/Z):	1.0028
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1145.4
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1125.5
REAL SPECIFIC GRAVITY:	0.6418

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

DRY BTU @ 14.650:	1139.2	CYLINDER #:	7020
DRY BTU @ 14.696:	1142.8	CYLINDER PRESSURE:	316 PSIG
DRY BTU @ 14.730:	1145.4	DATE RUN:	7/31/12 9:53 AM
DRY BTU @ 15.025:	1168.3	ANALYSIS RUN BY:	BRANDY MEDFORD

CONOCO PHILLIPS COMPANY

WELL ANALYSIS COMPARISON

Lease:	OHIO 1E	BRADENHEAD	03/04/2014
Stn. No.:	06733078	DK	18300-23595
Mtr. No.:	A706260SM		

Smpl Date:	07/26/2012
Test Date:	07/31/2012
Run No:	CP120635
Nitrogen:	0.301
CO2:	0.002
Methane:	88.826
Ethane:	6.659
Propane:	2.614
I-Butane:	0.456
N-Butane:	0.602
I-Pentane:	0.199
N-Pentane:	0.130
Hexane+:	0.211
BTU:	1145.4
GPM:	18.1910
SPG:	0.6418

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

Analysis No: CP120658
Cust No: 18300-23665

Well/Lease Information

Customer Name:	CONOCO PHILLIPS COMPANY	Source:	CASING
Well Name:	OHIO #1E	Pressure:	82 PSIG
County/State:	SAN JUAN NM	Sample Temp:	90 DEG. F
Location:		Well Flowing:	N
Field:		Date Sampled:	08/14/2012
Formation:	DK	Sampled By:	DALE LOCKETT
Cust. Stn. No.:	06733078	Foreman/Engr.:	
	A706260SM		

Remarks: BRADENHEAD COMPARISON SAMPLE

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.336	0.0370	0.00	0.0032
CO2	1.607	0.2750	0.00	0.0244
Methane	78.704	13.3910	794.91	0.4359
Ethane	10.198	2.7370	180.47	0.1059
Propane	4.469	1.2360	112.44	0.0680
Iso-Butane	0.815	0.2680	26.50	0.0164
N-Butane	1.541	0.4880	50.27	0.0309
I-Pentane	0.616	0.2260	24.65	0.0153
N-Pentane	0.542	0.1970	21.73	0.0135
Hexane Plus	1.172	0.5250	61.78	0.0388
Total	100.000	19.3800	1272.75	0.7524

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBLITY FACTOR (1/Z):	1.0039
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):	1280.7
BTU/CU.FT (WET) CORRECTED FOR (1/Z):	1258.4
REAL SPECIFIC GRAVITY:	0.7551

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

DRY BTU @ 14.650:	1273.7	CYLINDER #:	4024
DRY BTU @ 14.696:	1277.7	CYLINDER PRESSURE:	74 PSIG
DRY BTU @ 14.730:	1280.7	DATE RUN:	8/16/12 3:15 PM
DRY BTU @ 15.025:	1306.3	ANALYSIS RUN BY:	LOGAN CHENEY

CONOCO PHILLIPS COMPANY

WELL ANALYSIS COMPARISON

Lease:	OHIO #1E	CASING	03/04/2014
Stn. No.:	06733078	DK	18300-23665
Mtr. No.:	A706260SM		

Smpl Date:	08/14/2012
Test Date:	08/16/2012
Run No:	CP120658
Nitrogen:	0.336
CO2:	1.607
Methane:	78.704
Ethane:	10.198
Propane:	4.469
I-Butane:	0.815
N-Butane:	1.541
I-Pentane:	0.616
N-Pentane:	0.542
Hexane+:	1.172
BTU:	1280.7
GPM:	19.3800
SPG:	0.7551

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

Analysis No: CP130873
Cust No: 18300-15045

Well/Lease Information

Customer Name:	CONOCO PHILLIPS COMPANY	Source:	
Well Name:	OHIO 1E	Pressure:	26 PSIG
County/State:	SAN JUAN NM	Sample Temp:	68 DEG. F
Location:	22G-28N-11W	Well Flowing:	Y
Field:		Date Sampled:	10/30/2013
Formation:		Sampled By:	JADE SALES
Cust. Stn. No.:	06733078	Foreman/Engr.:	
	9277571		

OIL CONS. DIV DIST. 3
MAY 14 2014

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.388	0.0430	0.00	0.0038
CO2	1.530	0.2620	0.00	0.0232
Methane	77.077	13.1240	778.48	0.4269
Ethane	9.785	2.6280	173.17	0.1016
Propane	4.496	1.2440	113.12	0.0685
Iso-Butane	0.931	0.3060	30.28	0.0187
N-Butane	1.649	0.5220	53.80	0.0331
I-Pentane	0.840	0.3090	33.61	0.0209
N-Pentane	0.727	0.2650	29.14	0.0181
Hexane Plus	2.577	1.1540	135.84	0.0853
Total	100.000	19.8570	1347.42	0.8001

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBLITY FACTOR	(1/Z):	1.0046
BTU/CU.FT (DRY) CORRECTED FOR (1/Z):		1356.6
BTU/CU.FT (WET) CORRECTED FOR (1/Z):		1333.0
REAL SPECIFIC GRAVITY:		0.8034

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

DRY BTU @ 14.650:	1349.2	CYLINDER #:	6044
DRY BTU @ 14.696:	1353.5	CYLINDER PRESSURE:	34 PSIG
DRY BTU @ 14.730:	1356.6	DATE RUN:	11/12/13 9:40 AM
DRY BTU @ 15.025:	1383.8	ANALYSIS RUN BY:	LOGAN CHENEY

CONOCO PHILLIPS COMPANY

WELL ANALYSIS COMPARISON

Lease: OHIO 1E
Stn. No.: 06733078
Mtr. No.: 9277571

03/04/2014
18300-15045

Smpl Date:	10/30/2013	04/19/2013	10/25/2012	04/20/2012	11/04/2011	10/26/2010	09/09/2010
Test Date:	11/12/2013	05/01/2013	11/07/2012	05/10/2012	11/11/2011	10/27/2010	09/14/2010
Run No:	CP130873	CP130347	CP120827	CP120292	CP111036	CP100792	CP100682
Nitrogen:	0.388	0.360	0.346	0.348	0.385	0.552	0.653
CO2:	1.530	1.707	1.681	1.629	1.621	1.693	1.684
Methane:	77.077	78.628	78.678	78.827	80.030	78.334	78.261
Ethane:	9.785	10.031	10.081	10.210	10.023	10.106	10.188
Propane:	4.496	4.424	4.509	4.623	4.317	4.528	4.562
I-Butane:	0.931	0.823	0.847	0.856	0.769	0.858	0.864
N-Butane:	1.649	1.400	1.446	1.470	1.272	1.479	1.436
I-Pentane:	0.840	0.571	0.580	0.568	0.454	0.616	0.576
N-Pentane:	0.727	0.467	0.469	0.457	0.369	0.503	0.459
Hexane+:	2.577	1.589	1.363	1.012	0.760	1.331	1.317
BTU:	1356.6	1288.9	1283.0	1271.1	1241.1	1283.1	1279.3
GPM:	19.8570	19.4320	19.3960	19.3190	19.1100	19.4010	19.3800
SPG:	0.8034	0.7622	0.7579	0.7494	0.7304	0.7602	0.7588

	10/27/2009	07/28/2009	01/08/2009	10/21/2008	07/09/2008	04/29/2008	01/08/2008
	11/04/2009	08/04/2009	01/12/2009	10/28/2008	07/25/2008	05/08/2008	01/11/2008
	CP291080	CP290852	CP290071	CP280796	CP280553	CP280261	CP280048
	0.377	0.352	0.392	0.488	0.344	0.374	0.398
	1.683	1.736	1.517	1.456	1.629	1.525	1.585
	80.203	78.960	78.817	79.108	79.657	78.853	75.404
	9.626	9.868	10.154	9.725	9.857	9.967	9.442
	4.000	4.238	4.511	4.245	4.257	4.427	4.255
	0.750	0.813	0.797	0.818	0.785	0.800	0.874
	1.245	1.365	1.455	1.411	1.342	1.381	1.571
	0.528	0.578	0.562	0.536	0.526	0.527	0.870
	0.420	0.466	0.445	0.479	0.425	0.440	0.792
	1.168	1.624	1.350	1.734	1.178	1.706	4.809
	1252.5	1284.4	1281.4	1290.8	1263.3	1292.1	1446.9
	19.1780	19.4010	19.3820	19.4120	19.2530	19.4370	20.4440
	0.7380	0.7588	0.7540	0.7608	0.7444	0.7617	0.8625

CONOCO PHILLIPS COMPANY

WELL ANALYSIS COMPARISON

Lease: OHIO 1E
Stn. No.: 06733078
Mtr. No.: 9277571

03/04/2014
18300-15045

07/16/2007	04/19/2007	01/15/2007	10/11/2006	07/26/2006	04/11/2006	01/06/2006
07/23/2007	04/27/2007	01/17/2007	10/17/2006	07/27/2006	05/04/2006	01/11/2006
CP270511	CP270295	CP270084	CP260645	CP260459	CP260258	CP260044
0.295	0.333	0.348	0.346	0.354	0.332	0.327
1.726	1.703	1.627	1.663	1.666	1.689	1.654
71.772	78.943	77.458	79.209	79.254	79.413	77.848
11.259	9.801	9.498	9.821	9.827	9.858	9.620
5.883	4.211	4.175	4.230	4.225	4.227	4.254
1.345	0.810	0.852	0.799	0.815	0.808	0.870
2.378	1.359	1.457	1.332	1.374	1.355	1.506
1.118	0.578	0.711	0.541	0.567	0.566	0.731
0.918	0.474	0.615	0.436	0.456	0.457	0.631
3.306	1.788	3.259	1.623	1.462	1.295	2.559
1460.9	1292.1	1360.3	1279.9	1275.8	1268.4	1335.7
20.6500	19.4370	19.9060	19.3770	19.3470	19.3020	19.7300
0.8727	0.7642	0.8070	0.7558	0.7531	0.7490	0.7920
10/05/2005	07/07/2005	04/11/2005	01/28/2005	10/26/2004	05/13/2004	11/20/2003
10/25/2005	07/14/2005	04/20/2005	02/02/2005	11/09/2004	05/24/2004	11/24/2003
CP250647	CP250395	CP250179	CP250038	CP240412	CP240175	CP230298
0.335	0.329	0.350	0.329	0.332	0.352	0.343
1.633	1.712	1.616	1.592	1.679	1.612	1.631
79.775	78.712	80.776	79.687	79.448	80.676	78.143
9.853	9.726	9.582	9.705	9.709	9.435	10.102
4.205	4.192	3.978	3.402	4.147	3.859	4.699
0.788	0.806	0.749	0.805	0.803	0.708	0.923
1.314	1.364	1.225	1.381	1.342	1.119	1.443
0.522	0.578	0.483	0.577	0.567	0.393	0.542
0.420	0.471	0.375	0.476	0.457	0.297	0.427
1.155	2.110	0.866	2.046	1.516	1.549	1.747
1259.0	1302.9	1236.3	1289.7	1275.9	1253.8	1301.0
19.2370	19.5190	19.0600	19.4170	19.3380	19.1690	19.5240
0.7420	0.7715	0.7272	0.7611	0.7534	0.7386	0.7688