

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

Analysis No: CP140214
Cust No: 18300-25740

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: MONCRIEF COM A #2E BHD
County/State: SAN JUAN
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.: 93241-01
9240511

Source:
Pressure: 180 PSIG
Sample Temp: 65 DEG. F
Well Flowing: N
Date Sampled: 03/05/2014
Sampled By: SAM GOMEZ
Foreman/Engr.: RICHARD LOPEZ

OIL CONS. DIV DIST. 3

Remarks:

MAY 14 2014

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.539	0.0600	0.00	0.0052
CO2	1.548	0.2650	0.00	0.0235
Methane	78.918	13.4250	797.07	0.4371
Ethane	10.703	2.8720	189.41	0.1111
Propane	4.655	1.2870	117.13	0.0709
Iso-Butane	0.735	0.2410	23.90	0.0148
N-Butane	1.315	0.4160	42.90	0.0264
I-Pentane	0.478	0.1750	19.12	0.0119
N-Pentane	0.406	0.1480	16.28	0.0101
Hexane Plus	0.703	0.3150	37.06	0.0233
Total	100.000	19.2040	1242.87	0.7343

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0037

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1250.2

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1228.4

REAL SPECIFIC GRAVITY: 0.7366

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

DRY BTU @ 14.650: 1243.4

DRY BTU @ 14.696: 1247.3

DRY BTU @ 14.730: 1250.2

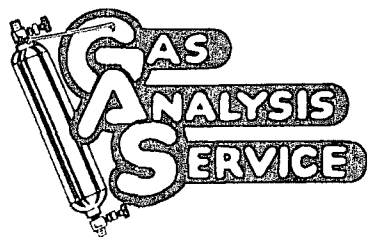
DRY BTU @ 15.025: 1275.2

CYLINDER #: A012

CYLINDER PRESSURE: 92 PSIG

DATE RUN: 3/27/14 8:13 AM

ANALYSIS RUN BY: LOGAN CHENEY



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

Analysis No: CP140215
Cust No: 18300-25745

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: MONCRIEF COM A #2E CSG
County/State: SAN JUAN
Location:
Field:
Formation: DAKOTA
Cust. Stn. No.: 93241-01
9240511

Source:
Pressure: 180 PSIG
Sample Temp: 65 DEG. F
Well Flowing: N
Date Sampled: 03/05/2014
Sampled By: SAM GOMEZ
Foreman/Engr.: RICHARD LOPEZ

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.534	0.0590	0.00	0.0052
CO2	1.547	0.2650	0.00	0.0235
Methane	78.526	13.3580	793.11	0.4350
Ethane	10.766	2.8890	190.53	0.1118
Propane	4.821	1.3330	121.30	0.0734
Iso-Butane	0.783	0.2570	25.46	0.0157
N-Butane	1.412	0.4470	46.06	0.0283
I-Pentane	0.521	0.1910	20.84	0.0130
N-Pentane	0.440	0.1600	17.64	0.0110
Hexane Plus	0.650	0.2910	34.26	0.0215
Total	100.000	19.2500	1249.21	0.7383

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0037
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1256.8
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1234.9
REAL SPECIFIC GRAVITY: 0.7407

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

DRY BTU @ 14.650: 1250.0
DRY BTU @ 14.696: 1253.9
DRY BTU @ 14.730: 1256.8
DRY BTU @ 15.025: 1282.0

CYLINDER #: K105
CYLINDER PRESSURE: 176 PSIG
DATE RUN: 3/27/14 8:14 AM
ANALYSIS RUN BY: LOGAN CHENEY