

30-045-20936

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

Analysis No: CP130590
Cust No: 18300-24850

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: EPNG A #1
County/State: SAN JUAN
Location:
Field:
Formation: MESA VERDE
Cust. Stn. No.: 85074-01
A722595SM

Source: BRADENHEAD
Pressure: 1.7 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 06/25/2013
Sampled By: GARY PAYMAR
Foreman/Engr.: CONRAD PULS

Remarks: PRESSURED WITH HELIUM TO 30 LBS

RCVD JUL 18 '13
OIL CONS. DIV.

Analysis

DIST. 3

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	31.617	3.4820	0.00	0.3058
CO2	0.080	0.0140	0.00	0.0012
Methane	66.440	11.2760	671.04	0.3680
Ethane	1.673	0.4480	29.61	0.0174
Propane	0.157	0.0430	3.95	0.0024
Iso-Butane	0.022	0.0070	0.72	0.0004
N-Butane	0.011	0.0030	0.36	0.0002
I-Pentane	0.000	0.0000	0.00	0.0000
N-Pentane	0.000	0.0000	0.00	0.0000
Hexane Plus	0.000	0.0000	0.00	0.0000
Total	100.000	15.2730	705.68	0.6954

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0014

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 708.3

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 696.0

REAL SPECIFIC GRAVITY: 0.6961

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

DRY BTU @ 14.650: 704.5

DRY BTU @ 14.696: 706.7

DRY BTU @ 14.730: 708.3

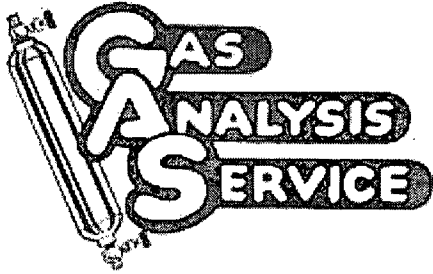
DRY BTU @ 15.025: 722.5

CYLINDER #: 7055

CYLINDER PRESSURE: PSIG

DATE RUN: 6/26/13 9:52 AM

ANALYSIS RUN BY: BRANDY MEDFORD



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: EPNG A #1
Stn. No.: 85074-01
Mtr. No.: A722595SM

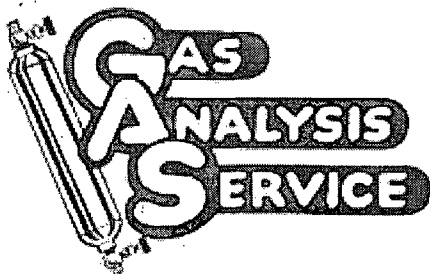
BRADENHEAD
MESA VERDE

06/26/2013
18300-24850

Smpl Date: 06/25/2013
Test Date: 06/26/2013
Run No: CP130590

Nitrogen: 31.617
CO2: 0.080
Methane: 66.440
Ethane: 1.673
Propane: 0.157
I-Butane: 0.022
N-Butane: 0.011
I-Pentane: 0.000
N-Pentane: 0.000
Hexane+: 0.000

BTU: 708.3
GPM: 15.2730
SPG: 0.6961



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

Analysis No: CP130654
Cust No: 18300-25000

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: EPNG A #1
County/State:
Location: O21-32N-06W
Field:
Formation: MESA VERDE
Cust. Stn. No.: 8507401
A722595SM

Source: INT. VALVE
Pressure: 130 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 07/01/2013
Sampled By: GARY PAYMAR
Foreman/Engr.: CONRAD PULLS

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.077	0.0080	0.00	0.0007
CO2	2.428	0.4150	0.00	0.0369
Methane	95.432	16.2080	963.86	0.5286
Ethane	1.917	0.5140	33.93	0.0199
Propane	0.115	0.0320	2.89	0.0018
Iso-Butane	0.015	0.0050	0.49	0.0003
N-Butane	0.006	0.0020	0.20	0.0001
I-Pentane	0.002	0.0010	0.08	0.0000
N-Pentane	0.000	0.0000	0.00	0.0000
Hexane Plus	0.008	0.0040	0.42	0.0003
Total	100.000	17.1890	1001.87	0.5886

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

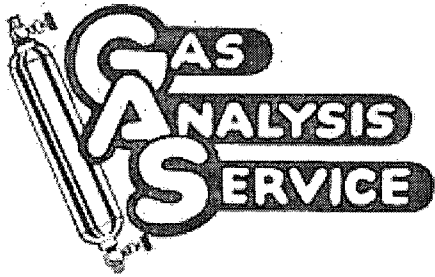
**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0021
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1006.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 988.8
REAL SPECIFIC GRAVITY: 0.5896

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

DRY BTU @ 14.650: 1000.8
DRY BTU @ 14.696: 1004.0
DRY BTU @ 14.730: 1006.3
DRY BTU @ 15.025: 1026.5

CYLINDER #: 4247
CYLINDER PRESSURE: 115 PSIG
DATE RUN: 7/5/13 7:54 AM
ANALYSIS RUN BY: PATRICIA KING



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: EPNG A #1
Stn. No.: 8507401
Mtr. No.: A722595SM

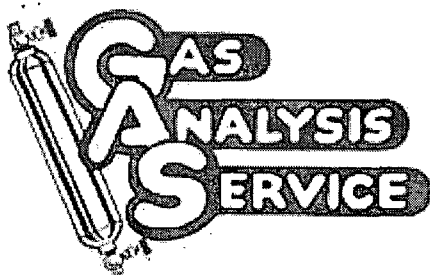
INT. VALVE
MESA VERDE

07/09/2013
18300-25000

Smpl Date: 07/01/2013
Test Date: 07/05/2013
Run No: CP130654

Nitrogen: 0.077
CO2: 2.428
Methane: 95.432
Ethane: 1.917
Propane: 0.115
I-Butane: 0.015
N-Butane: 0.006
I-Pentane: 0.002
N-Pentane: 0.000
Hexane+: 0.008

BTU: 1006.3
GPM: 17.1890
SPG: 0.5896



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

Analysis No: CP130653
Cust No: 18300-24955

Well/Lease Information

Customer Name: CONOCO PHILLIPS COMPANY
Well Name: EPNG A #1
County/State:
Location: O21-32N-06W
Field:
Formation: MESA VERDE
Cust. Stn. No.: 8507401
A722595SM

Source: CASING
Pressure: 170 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 07/01/2013
Sampled By: GARY PAYMAR
Foreman/Engr.: CONRAD PULS

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.052	0.0060	0.00	0.0005
CO2	2.445	0.4180	0.00	0.0372
Methane	95.612	16.2390	965.68	0.5296
Ethane	1.775	0.4760	31.41	0.0184
Propane	0.089	0.0250	2.24	0.0014
Iso-Butane	0.010	0.0030	0.33	0.0002
N-Butane	0.003	0.0010	0.10	0.0001
I-Pentane	0.000	0.0000	0.00	0.0000
N-Pentane	0.000	0.0000	0.00	0.0000
Hexane Plus	0.014	0.0060	0.74	0.0005
Total	100.000	17.1740	1000.49	0.5878

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

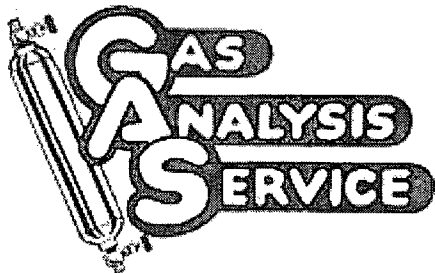
**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0021
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1004.9
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 987.4
REAL SPECIFIC GRAVITY: 0.5888

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

DRY BTU @ 14.650: 999.4
DRY BTU @ 14.696: 1002.6
DRY BTU @ 14.730: 1004.9
DRY BTU @ 15.025: 1025.0

CYLINDER #: 6146
CYLINDER PRESSURE: 156 PSIG
DATE RUN: 7/5/13 7:52 AM
ANALYSIS RUN BY: LOGAN CHENEY



CONOCO PHILLIPS COMPANY
WELL ANALYSIS COMPARISON

Lease: EPNG A #1
Stn. No.: 8507401
Mtr. No.: A722595SM

CASING
MESA VERDE

07/09/2013
18300-24955

Smpl Date: 07/01/2013
Test Date: 07/05/2013
Run No: CP130653

Nitrogen: 0.052
CO2: 2.445
Methane: 95.612
Ethane: 1.775
Propane: 0.089
I-Butane: 0.010
N-Butane: 0.003
I-Pentane: 0.000
N-Pentane: 0.000
Hexane+: 0.014

BTU: 1004.9
GPM: 17.1740
SPG: 0.5888