



30-045-05937

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

Analysis No: CM150068
Cust No: 18200-10935

Well/Lease Information

Customer Name: COLEMAN OIL AND GAS INC.
Well Name: GODDARD #3 BHD
County/State: SAN JUAN NM
Location:
Field:
Formation:
Cust. Stn. No.:

OIL CONS. DIV DIST. 3

MAY 07 2015

Source: BRADENHEAD
Pressure: 30 PSIA
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 04/14/2015
Sampled By: BRUCE TAYLOR
Foreman/Engr.:

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.597	0.0660	0.00	0.0058
CO2	0.010	0.0020	0.00	0.0002
Methane	97.356	16.5350	983.30	0.5393
Ethane	1.620	0.4340	28.67	0.0168
Propane	0.290	0.0800	7.30	0.0044
Iso-Butane	0.095	0.0310	3.09	0.0019
N-Butane	0.009	0.0030	0.29	0.0002
I-Pentane	0.005	0.0020	0.20	0.0001
N-Pentane	0.000	0.0000	0.00	0.0000
Hexane Plus	0.018	0.0080	0.95	0.0006
Total	100.000	17.1610	1023.79	0.5692

* @ 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): 1028.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1010.4
REAL SPECIFIC GRAVITY: 0.5702

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

DRY BTU @ 14.650: 1022.7
DRY BTU @ 14.696: 1025.9
DRY BTU @ 14.730: 1028.3
DRY BTU @ 15.025: 1048.9

CYLINDER #: 7014
CYLINDER PRESSURE: 26 PSIG
DATE RUN: 4/24/15 8:06 AM
ANALYSIS RUN BY: PATRICIA KING



COLEMAN OIL AND GAS INC.
WELL ANALYSIS COMPARISON

Lease: GODDARD #3 BHD
Stn. No.:
Mtr. No.:

BRADENHEAD

04/28/2015
18200-10935

Smpl Date: 04/14/2015
Test Date: 04/24/2015
Run No: CM150068

Nitrogen: 0.597
CO2: 0.010
Methane: 97.356
Ethane: 1.620
Propane: 0.290
I-Butane: 0.095
N-Butane: 0.009
I-Pentane: 0.005
N-Pentane: 0.000
Hexane+: 0.018

BTU: 1028.3
GPM: 17.1610
SPG: 0.5702



OIL CONS. DIV DIST. 3

MAY 07 2015

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CM150069
Cust No: 18200-10940

Well/Lease InformationCustomer Name: COLEMAN OIL AND GAS INC.
Well Name: GODDARD #3 CSG
County/State: SAN JUAN NM
Location:
Field:
Formation:
Cust. Stn. No.:Source: CASING
Pressure: 76 PSIA
Sample Temp: DEG. F
Well Flowing:
Date Sampled: 04/14/2015
Sampled By: BRUCE TAYLOR
Foreman/Engr.:

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.641	0.0710	0.00	0.0062
CO2	0.020	0.0030	0.00	0.0003
Methane	97.602	16.5770	985.78	0.5406
Ethane	1.418	0.3800	25.09	0.0147
Propane	0.224	0.0620	5.64	0.0034
Iso-Butane	0.075	0.0250	2.44	0.0015
N-Butane	0.008	0.0030	0.26	0.0002
I-Pentane	0.006	0.0020	0.24	0.0001
N-Pentane	0.000	0.0000	0.00	0.0000
Hexane Plus	0.006	0.0030	0.32	0.0002
Total	100.000	17.1260	1019.77	0.5673

* @ 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): 1024.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1006.5
REAL SPECIFIC GRAVITY: 0.5682**GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.**DRY BTU @ 14.650: 1018.7
DRY BTU @ 14.696: 1021.9
DRY BTU @ 14.730: 1024.3
DRY BTU @ 15.025: 1044.8CYLINDER #: 5012
CYLINDER PRESSURE: 71 PSIG
DATE RUN: 4/24/15 8:08 AM
ANALYSIS RUN BY: PATRICIA KING



COLEMAN OIL AND GAS INC.
WELL ANALYSIS COMPARISON

Lease: GODDARD #3 CSG
Stn. No.:
Mtr. No.:

CASING

04/28/2015
18200-10940

Smpl Date: 04/14/2015
Test Date: 04/24/2015
Run No: CM150069

Nitrogen: 0.641
CO2: 0.020
Methane: 97.602
Ethane: 1.418
Propane: 0.224
I-Butane: 0.075
N-Butane: 0.008
I-Pentane: 0.006
N-Pentane: 0.000
Hexane+: 0.006

BTU: 1024.3
GPM: 17.1260
SPG: 0.5682