



OIL CONS. DIV DIST. 3

MAY 07 2015

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CM150053
Cust No: 18200-10925

30-045-33257

Well/Lease InformationCustomer Name: COLEMAN OIL AND GAS INC.
Well Name: CALLOW #101S BHD
County/State: SAN JUAN NM
Location:
Field:
Formation:
Cust. Stn. No.:Source: BRADENHEAD
Pressure: 9 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 04/09/2015
Sampled By: BRUCE TAYLOR
Foreman/Engr.:

Remarks: PRESSURED WITH HELIUM TO 30#

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.444	0.1590	0.00	0.0140
CO2	0.015	0.0030	0.00	0.0002
Methane	91.829	15.6000	927.47	0.5086
Ethane	4.951	1.3270	87.62	0.0514
Propane	1.349	0.3720	33.94	0.0205
Iso-Butane	0.332	0.1090	10.80	0.0067
N-Butane	0.032	0.0100	1.04	0.0006
I-Pentane	0.024	0.0090	0.96	0.0006
N-Pentane	0.000	0.0000	0.00	0.0000
Hexane Plus	0.024	0.0110	1.27	0.0008
Total	100.000	17.6000	1063.10	0.6035

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0023
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1068.0
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1049.4
REAL SPECIFIC GRAVITY: 0.6046GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.DRY BTU @ 14.650: 1062.2
DRY BTU @ 14.696: 1065.5
DRY BTU @ 14.730: 1068.0
DRY BTU @ 15.025: 1089.4CYLINDER #: 6022
CYLINDER PRESSURE: PSIG
DATE RUN: 4/15/15 2:40 PM
ANALYSIS RUN BY: PATRICIA KING

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COLEMAN OIL AND GAS INC.
WELL ANALYSIS COMPARISON

Lease: CALLOW #101S BHD
Stn. No.:
Mtr. No.:

BRADENHEAD

04/17/2015
18200-10925

Smpl Date: 04/09/2015
Test Date: 04/15/2015
Run No: CM150053
Nitrogen: 1.444
CO2: 0.015
Methane: 91.829
Ethane: 4.951
Propane: 1.349
I-Butane: 0.332
N-Butane: 0.032
I-Pentane: 0.024
N-Pentane: 0.000
Hexane+: 0.024
BTU: 1068.0
GPM: 17.6000
SPG: 0.6046



OIL CONS. DIV DIST. 3

MAY 07 2015

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: CM150054
Cust No: 18200-10930

30-045-33257

Well/Lease Information

Customer Name: COLEMAN OIL AND GAS INC.
Well Name: CALLOW #101S CSG
County/State: SAN JUAN NM
Location:
Field:
Formation:
Cust. Stn. No.:

Source: CASING
Pressure: 5 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 04/09/2015
Sampled By: BRUCE TAYLOR
Foreman/Engr.:

Remarks: PRESSURED WITH HELIUM TO 30#

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.130	0.0140	0.00	0.0013
CO2	1.354	0.2310	0.00	0.0206
Methane	98.058	16.6530	990.39	0.5431
Ethane	0.448	0.1200	7.93	0.0047
Propane	0.004	0.0010	0.10	0.0001
Iso-Butane	0.000	0.0000	0.00	0.0000
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	0.003	0.0010	0.16	0.0001
Total	100.000	17.0210	998.67	0.5698

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.002
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1003.0
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 985.5
REAL SPECIFIC GRAVITY: 0.5708

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

DRY BTU @ 14.650: 997.6
DRY BTU @ 14.696: 1000.7
DRY BTU @ 14.730: 1003.0
DRY BTU @ 15.025: 1023.1

CYLINDER #: 6105
CYLINDER PRESSURE: PSIG
DATE RUN: 4/15/15 2:44 PM
ANALYSIS RUN BY: PATRICIA KING



COLEMAN OIL AND GAS INC.
WELL ANALYSIS COMPARISON

Lease: CALLOW #101S CSG
Stn. No.:
Mtr. No.:

CASING

04/17/2015
18200-10930

Smpl Date: 04/09/2015
Test Date: 04/15/2015
Run No: CM150054

Nitrogen: 0.130
CO2: 1.354
Methane: 98.058
Ethane: 0.448
Propane: 0.004
I-Butane: 0.000
N-Butane: 0.003
I-Pentane: 0.000
N-Pentane: 0.000
Hexane+: 0.003

BTU: 1003.0
GPM: 17.0210
SPG: 0.5708