



30-045-30700

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MAR 03 2015

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

Analysis No: GW150009
Cust No: 33050-10230

Well/Lease Information

Customer Name: GREAT WESTERN DRILLING
Well Name: J.E. DECKER 1 C INT.
County/State: SAN JUAN NM
Location:
Field:
Formation: MESA VERDE
Cust. Stn. No.:

Source: INTERMEDIATE
Pressure: 425 PSIG
Sample Temp: 31 DEG. F
Well Flowing: Y
Date Sampled: 02/06/2015
Sampled By: CULLAN
Foreman/Engr.:

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	1.818	0.2000	0.00	0.0176
CO2	0.009	0.0020	0.00	0.0001
Methane	91.133	15.4830	920.44	0.5048
Ethane	3.646	0.9770	64.52	0.0379
Propane	2.513	0.6940	63.23	0.0383
Iso-Butane	0.427	0.1400	13.89	0.0086
N-Butane	0.288	0.0910	9.40	0.0058
I-Pentane	0.083	0.0300	3.32	0.0021
N-Pentane	0.032	0.0120	1.28	0.0008
Hexane Plus	0.051	0.0230	2.69	0.0017
Total	100.000	17.6520	1078.77	0.6175

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0024
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1083.9
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1065.0
REAL SPECIFIC GRAVITY: 0.6188

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

DRY BTU @ 14.650: 1078.0
DRY BTU @ 14.696: 1081.4
DRY BTU @ 14.730: 1083.9
DRY BTU @ 15.025: 1105.6

CYLINDER #: K058
CYLINDER PRESSURE: 445 PSIG
DATE RUN: 2/20/15 1:44 PM
ANALYSIS RUN BY: JENNIFER DEAN



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NMOCD

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

Analysis No: GW150010
Cust No: 33050-10235

Well/Lease Information

Customer Name: GREAT WESTERN DRILLING
Well Name: J.E. DECKER 1C W.H.
County/State: SAN JUAN NM
Location:
Field:
Formation: MV
Cust. Stn. No.:

Source: WELL HEAD
Pressure: 157 PSIG
Sample Temp: 31 DEG. F
Well Flowing: Y
Date Sampled: 02/06/2015
Sampled By: CULLAN
Foreman/Engr.:

Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.123	0.0140	0.00	0.0012
CO2	1.751	0.3000	0.00	0.0266
Methane	84.944	14.4420	857.93	0.4705
Ethane	7.817	2.0970	138.34	0.0812
Propane	2.944	0.8130	74.07	0.0448
Iso-Butane	0.599	0.1970	19.48	0.0120
N-Butane	0.734	0.2320	23.95	0.0147
I-Pentane	0.294	0.1080	11.76	0.0073
N-Pentane	0.199	0.0720	7.98	0.0050
Hexane Plus	0.595	0.2660	31.36	0.0197
Total	100.000	18.5410	1164.87	0.6830

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0031
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1171.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1150.8
REAL SPECIFIC GRAVITY: 0.6849

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

DRY BTU @ 14.650: 1164.8
DRY BTU @ 14.696: 1168.5
DRY BTU @ 14.730: 1171.2
DRY BTU @ 15.025: 1194.7

CYLINDER #: AZT047
CYLINDER PRESSURE: 173 PSIG
DATE RUN: 2/20/15 12:00 AM
ANALYSIS RUN BY: PATRICIA KING