



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

Analysis No: GW150005
Cust No: 33050-10205

30-045-30701

Well/Lease Information

Customer Name: GREAT WESTERN DRILLING
Well Name: J.E. DECKER #3C INT.
County/State: SAN JUAN
Location:
Field:
Formation:
Cust. Str. No.:

Source: INTERMEDIATE
Pressure: 46 PSIG
Sample Temp: 40 DEG. F
Well Flowing: Y
Date Sampled: 01/25/2015
Sampled By: CULLAN
Foreman/Engr.:

RECEIVED

FEB 24 2015

NMOCD
DISTRICT III

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.355	0.0390	0.00	0.0034
CO2	0.001	0.0000	0.00	0.0000
Methane	93.684	15.9180	946.21	0.5189
Ethane	2.758	0.7390	48.81	0.0286
Propane	1.800	0.4970	45.29	0.0274
Iso-Butane	0.448	0.1470	14.57	0.0090
N-Butane	0.367	0.1160	11.97	0.0074
I-Pentane	0.172	0.0630	6.88	0.0043
N-Pentane	0.088	0.0320	3.53	0.0022
Hexane Plus	0.327	0.1460	17.24	0.0108
Total	100.000	17.6970	1094.49	0.6121

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0025

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1099.8

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1080.7

REAL SPECIFIC GRAVITY: 0.6133

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

DRY BTU @ 14.650: 1093.8

DRY BTU @ 14.696: 1097.3

DRY BTU @ 14.730: 1099.8

DRY BTU @ 15.025: 1121.8

CYLINDER #: 026A

CYLINDER PRESSURE: 51 PSIG

DATE RUN: 2/10/15 2:20 PM

ANALYSIS RUN BY: DAWN BLASSINGAME



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

Analysis No: GW150006
Cust No: 33050-10210

Well/Lease Information

Customer Name: GREAT WESTERN DRILLING
Well Name: J.E. DECKER #3C WELL HEAD
County/State: SAN JUAN
Location:
Field:
Formation:
Cust. Str. No.:

Source: WELL HEAD
Pressure: 136 PSIG
Sample Temp: 40 DEG. F
Well Flowing: Y
Date Sampled: 01/25/2015
Sampled By: CULLAN
Foreman/Engr.:

RECEIVED

FEB 24 2015

NMOCD
DISTRICT III

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.119	0.0130	0.00	0.0012
CO2	1.918	0.3280	0.00	0.0291
Methane	83.449	14.1900	842.84	0.4622
Ethane	8.434	2.2620	149.26	0.0876
Propane	3.292	0.9100	82.83	0.0501
Iso-Butane	0.688	0.2260	22.37	0.0138
N-Butane	0.821	0.2600	26.78	0.0165
I-Pentane	0.335	0.1230	13.40	0.0083
N-Pentane	0.236	0.0860	9.46	0.0059
Hexane Plus	0.708	0.3170	37.32	0.0234
Total	100.000	18.7150	1184.26	0.6981

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0033
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1190.9
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1170.2
REAL SPECIFIC GRAVITY: 0.7002

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

DRY BTU @ 14.650: 1184.4
DRY BTU @ 14.696: 1188.2
DRY BTU @ 14.730: 1190.9
DRY BTU @ 15.025: 1214.8

CYLINDER #: GAS232
CYLINDER PRESSURE: 88 PSIG
DATE RUN: 2/10/15 2:21 PM
ANALYSIS RUN BY: JENNIFER DEAN