



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

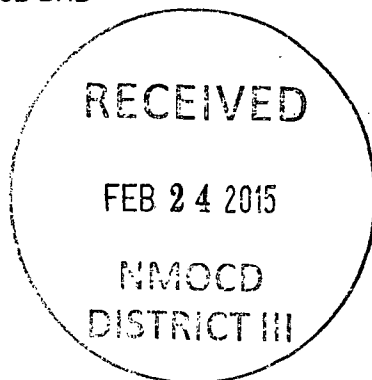
Analysis No: GW150003
Cust No: 33050-10215

30-045-30320

Well/Lease Information

Customer Name: GREAT WESTERN DRILLING
Well Name: J.E. DECKER #3B BHD
County/State: SAN JUAN
Location:
Field:
Formation:
Cust. Stn. No.:

Source: BRADENHEAD
Pressure: 54 PSIG
Sample Temp: 36 DEG. F
Well Flowing: Y
Date Sampled: 01/25/2015
Sampled By: CULLAN
Foreman/Engr.:



Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.405	0.0450	0.00	0.0039
CO2	0.027	0.0050	0.00	0.0004
Methane	84.438	14.3570	852.82	0.4677
Ethane	8.297	2.2260	146.83	0.0861
Propane	4.246	1.1730	106.84	0.0646
Iso-Butane	0.430	0.1410	13.98	0.0086
N-Butane	0.975	0.3080	31.81	0.0196
I-Pentane	0.255	0.0940	10.20	0.0064
N-Pentane	0.238	0.0870	9.54	0.0059
Hexane Plus	0.689	0.3080	36.32	0.0228
Total	100.000	18.7440	1208.34	0.6861

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0032

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1215.0

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1193.9

REAL SPECIFIC GRAVITY: 0.688

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

DRY BTU @ 14.650: 1208.4

DRY BTU @ 14.696: 1212.2

DRY BTU @ 14.730: 1215.0

DRY BTU @ 15.025: 1239.3

CYLINDER #: GAS203

CYLINDER PRESSURE: 42 PSIG

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

ANALYSIS RUN BY: DAWN BLASSINGAME



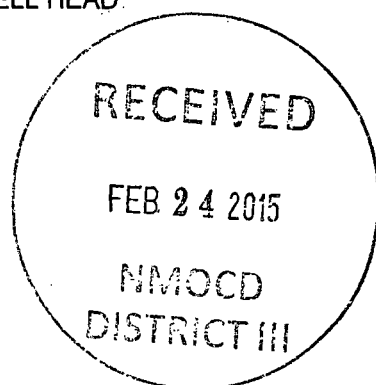
2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: GW150004
Cust No: 33050-10070

Well/Lease Information

Customer Name: GREAT WESTERN DRILLING
Well Name: J E DECKER #3B WELL HEAD
County/State: SAN JUAN NM
Location:
Field:
Formation: MESA VERDE
Cust. Stn. No.:

Source: WELL HEAD
Pressure: 170 PSIG
Sample Temp: 36 DEG. F
Well Flowing: Y
Date Sampled: 01/25/2015
Sampled By: CULLAN
Foreman/Engr.:



Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.237	0.0260	0.00	0.0023
CO2	1.668	0.2860	0.00	0.0253
Methane	83.845	14.2560	846.83	0.4644
Ethane	8.396	2.2520	148.59	0.0872
Propane	3.391	0.9370	85.32	0.0516
Iso-Butane	0.641	0.2100	20.84	0.0129
N-Butane	0.887	0.2800	28.94	0.0178
I-Pentane	0.320	0.1170	12.80	0.0080
N-Pentane	0.231	0.0840	9.26	0.0058
Hexane Plus	0.384	0.1720	20.24	0.0127
Total	100.000	18.6200	1172.83	0.6880

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0032
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1179.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1158.7
REAL SPECIFIC GRAVITY: 0.6898

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

DRY BTU @ 14.650: 1172.8
DRY BTU @ 14.696: 1176.5
DRY BTU @ 14.730: 1179.2
DRY BTU @ 15.025: 1202.8

CYLINDER #: GAS210
CYLINDER PRESSURE: 165 PSIG
DATE RUN: 2/9/15 2:19 PM
ANALYSIS RUN BY: JENNIFER DEAN