



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

Analysis No: GW150001
Cust No: 33050-10195

Well/Lease Information

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

Source: BRADENHEAD
Pressure: 48 PSIG
Sample Temp: 40 DEG. F
Well Flowing: Y
Date Sampled: 01/25/2015
Sampled By: CULLAN
Foreman/Engr.:

Remarks:

RECEIVED

FEB 24 2015

NMOC
DISTRICT III

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.282	0.0310	0.00	0.0027
CO2	0.905	0.1550	0.00	0.0138
Methane	76.869	13.0780	776.38	0.4258
Ethane	12.238	3.2840	216.58	0.1271
Propane	5.948	1.6440	149.66	0.0906
Iso-Butane	0.912	0.3000	29.66	0.0183
N-Butane	1.619	0.5120	52.82	0.0325
I-Pentane	0.466	0.1710	18.64	0.0116
N-Pentane	0.364	0.1320	14.59	0.0091
Hexane Plus	0.397	0.1780	20.93	0.0131
Total	100.000	19.4850	1279.25	0.7445

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0038

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1287.1

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1264.7

REAL SPECIFIC GRAVITY: 0.747

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

DRY BTU @ 14.650: 1280.1

DRY BTU @ 14.696: 1284.1

DRY BTU @ 14.730: 1287.1

DRY BTU @ 15.025: 1312.9

CYLINDER #: GAS230

CYLINDER PRESSURE: 48 PSIG

DATE RUN: 2/10/15 12:00 AM

ANALYSIS RUN BY: DAWN BLASSINGAME



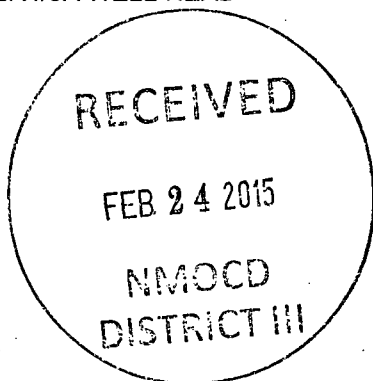
2030 Afton Place
Farmington, NM 87401
(505) 325-6622

Analysis No: GW150002
Cust No: 33050-10200

Well/Lease Information

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

Source: WELL HEAD
Pressure: 130 PSIG
Sample Temp: 40 DEG. F
Well Flowing: Y
Date Sampled: 01/25/2015
Sampled By: CULLAN
Foreman/Engr.:



Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.222	0.0240	0.00	0.0021
CO2	1.697	0.2900	0.00	0.0258
Methane	83.014	14.1160	838.44	0.4598
Ethane	8.729	2.3420	154.48	0.0906
Propane	3.526	0.9740	88.72	0.0537
Iso-Butane	0.718	0.2360	23.35	0.0144
N-Butane	0.863	0.2730	28.15	0.0173
I-Pentane	0.284	0.1040	11.36	0.0071
N-Pentane	0.218	0.0790	8.74	0.0054
Hexane Plus	0.729	0.3260	38.43	0.0241
Total	100.000	18.7640	1191.67	0.7004

* @ 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): 1198.4
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1177.5
REAL SPECIFIC GRAVITY: 0.7025

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

DRY BTU @ 14.650: 1191.9
DRY BTU @ 14.696: 1195.6
DRY BTU @ 14.730: 1198.4
DRY BTU @ 15.025: 1222.4

CYLINDER #: 003
CYLINDER PRESSURE: 19 PSIG
DATE RUN: 2/10/15 2:10 PM
ANALYSIS RUN BY: DAWN BLASSINGAME