



30-045-23080

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MAR 03 2015

NMDCD
DISTRICT III

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

Analysis No: GW150007
Cust No: 33050-10220

Well/Lease Information

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

Source: BRADENHEAD
Pressure: 148 PSIG
Sample Temp: 29 DEG. F
Well Flowing: Y
Date Sampled: 02/05/2015
Sampled By: CULLAN
Foreman/Engr.:

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.133	0.0150	0.00	0.0013
CO2	1.286	0.2200	0.00	0.0195
Methane	84.411	14.3520	852.55	0.4676
Ethane	8.206	2.2010	145.22	0.0852
Propane	3.385	0.9350	85.17	0.0515
Iso-Butane	0.664	0.2180	21.59	0.0133
N-Butane	0.854	0.2700	27.86	0.0171
I-Pentane	0.317	0.1160	12.68	0.0079
N-Pentane	0.227	0.0830	9.10	0.0057
Hexane Plus	0.517	0.2310	27.25	0.0171
Total	100.000	18.6410	1181.43	0.6862

* @ 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): 1188.0
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1167.3
REAL SPECIFIC GRAVITY: 0.6882

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

DRY BTU @ 14.650: 1181.5
DRY BTU @ 14.696: 1185.3
DRY BTU @ 14.730: 1188.0
DRY BTU @ 15.025: 1211.8

CYLINDER #: 057
CYLINDER PRESSURE: 160 PSIG
DATE RUN: 2/20/15 1:39 PM
ANALYSIS RUN BY: JENNIFER DEAN



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NMOC

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

Analysis No: GW150008
Cust No: 33050-10225

Well/Lease Information

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

Source: WELLHEAD
Pressure: 152 PSIG
Sample Temp: 29 DEG. F
Well Flowing: Y
Date Sampled: 02/05/2015
Sampled By: CULLAN
Foreman/Engr.:

Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.126	0.0140	0.00	0.0012
CO2	1.779	0.3040	0.00	0.0270
Methane	84.173	14.3100	850.15	0.4662
Ethane	8.229	2.2070	145.63	0.0854
Propane	3.273	0.9040	82.35	0.0498
Iso-Butane	0.645	0.2120	20.97	0.0129
N-Butane	0.819	0.2590	26.72	0.0164
I-Pentane	0.305	0.1120	12.20	0.0076
N-Pentane	0.215	0.0780	8.62	0.0054
Hexane Plus	0.436	0.1950	22.98	0.0144
Total	100.000	18.5950	1169.62	0.6865

* @ 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): 1176.0

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1155.5

REAL SPECIFIC GRAVITY: 0.6884

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

DRY BTU @ 14.650: 1169.6

DRY BTU @ 14.696: 1173.3

DRY BTU @ 14.730: 1176.0

DRY BTU @ 15.025: 1199.6

CYLINDER #: A012

CYLINDER PRESSURE: 170 PSIG

DATE RUN: 2/20/15 1:43 PM

ANALYSIS RUN BY: PATRICIA KING