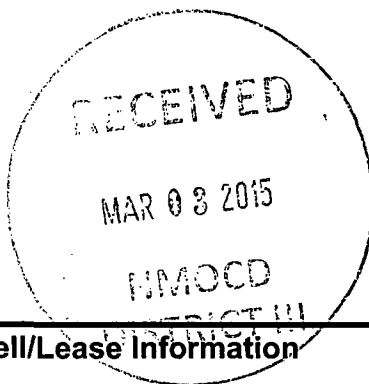




30-045-23085



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

Analysis No: GW150012
Cust No: 33050-10245

Well/Lease Information

Customer Name: GREAT WESTERN DRILLING
Well Name: J.E. DECKER 2A W.H
County/State: SAN JUAN NM
Location:
Field:
Formation: MESA VERDE
Cust. Stn. No.:

Source: WELL HEAD
Pressure: 160 PSIG
Sample Temp: 31 DEG. F
Well Flowing: Y
Date Sampled: 02/04/2015
Sampled By: CULLAN
Foreman/Engr.:

Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.121	0.0130	0.00	0.0012
CO2	1.466	0.2510	0.00	0.0223
Methane	85.807	14.5870	866.65	0.4753
Ethane	7.581	2.0330	134.16	0.0787
Propane	2.963	0.8190	74.55	0.0451
Iso-Butane	0.568	0.1860	18.47	0.0114
N-Butane	0.726	0.2300	23.68	0.0146
I-Pentane	0.244	0.0890	9.76	0.0061
N-Pentane	0.176	0.0640	7.06	0.0044
Hexane Plus	0.348	0.1560	18.34	0.0115
Total	100.000	18.4280	1152.68	0.6705

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.003
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1158.8
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1138.6
REAL SPECIFIC GRAVITY: 0.6722

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

DRY BTU @ 14.650: 1152.5
DRY BTU @ 14.696: 1156.1
DRY BTU @ 14.730: 1158.8
DRY BTU @ 15.025: 1182.0

CYLINDER #: K083
CYLINDER PRESSURE: 176 PSIG
DATE RUN: 2/20/15 1:50 PM
ANALYSIS RUN BY: PATRICIA KING



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

Analysis No: GW150011
Cust No: 33050-10240

Well/Lease Information

Customer Name: GREAT WESTERN DRILLING
Well Name: J.E. DECKER 2A BHD
County/State: SAN JUAN NM
Location:
Field:
Formation: MESA VERDE
Cust. Stn. No.:

Source: BRADENHEAD
Pressure: 52 PSIG
Sample Temp: 31 DEG. F
Well Flowing: Y
Date Sampled: 02/04/2015
Sampled By: CULLAN
Foreman/Engr.:

Remarks:

Analysis

Component:	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.742	0.0820	0.00	0.0072
CO2	0.417	0.0710	0.00	0.0063
Methane	87.379	14.8540	882.53	0.4840
Ethane	6.573	1.7630	116.32	0.0682
Propane	2.565	0.7090	64.54	0.0391
Iso-Butane	0.511	0.1680	16.62	0.0103
N-Butane	0.643	0.2030	20.98	0.0129
I-Pentane	0.251	0.0920	10.04	0.0063
N-Pentane	0.187	0.0680	7.50	0.0047
Hexane Plus	0.732	0.3270	38.58	0.0242
Total	100.000	18.3370	1157.10	0.6631

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.003
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1163.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1143.0
REAL SPECIFIC GRAVITY: 0.6648

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

DRY BTU @ 14.650: 1156.9
DRY BTU @ 14.696: 1160.5
DRY BTU @ 14.730: 1163.2
DRY BTU @ 15.025: 1186.5

CYLINDER #: AZT015
CYLINDER PRESSURE: 58 PSIG
DATE RUN: 2/20/15 1:48 PM
ANALYSIS RUN BY: JENNIFER DEAN