



NEW MEXICO ENERGY, MINERALS & NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC NM 87410
(505) 334-6178 FAX: (505) 334-6170
[http://emnr.state.nm.us/ocd/District III/district.htm](http://emnr.state.nm.us/ocd/District%20III/district.htm)

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 9-28-14 Operator Great Western Daily API #30-0 45-11490
Property Name J.E. Decker Well No. 2 Location: Unit N Section 12 Township 32 Range 12
Well Status (Shut-In or Producing) Initial PSI: Tubing 225 Intermediate Casing 220 Bradenhead 220

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE			INTERM	
	BH	Bradenhead Int	Csg	Int	Csg
TIME					
5 min	<u>0</u>	<u>-</u>	<u>220</u>		
10 min	<u>0</u>	<u>-</u>	<u>220</u>		
15 min	<u>0</u>	<u>-</u>	<u>220</u>		
20 min					
25 min					
30 min					

FLOW CHARACTERISTICS	
BRADENHEAD	INTERMEDIATE
Steady Flow <u>P</u>	OIL CONS. DIV DIST. 3
Surges <u> </u>	OCT 21 2014
Down to Nothing <u> </u>	
Nothing <u> </u>	
Gas <u>P</u>	
Gas & Water <u> </u>	
Water <u> </u>	

If bradenhead flowed water, check all of the descriptions that apply below:

CLEAR FRESH SALTY SULFUR BLACK

5 MINUTE SHUT-IN PRESSURE

BRADENHEAD 220 INTERMEDIATE

REMARKS:

Quick blow down Slight blow after blow down

took gas samples

By Callan Keller

Witness Paul Wicke

Switcher
(Position)

E-mail address



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

Analysis No: GW140022
Cust No: 33050-10180

Well/Lease Information

Customer Name: GREAT WESTERN DRILLING
Well Name: J. E. DECKER #2; WHD
County/State: SAN JUAN NM
Location:
Field:
Formation: BLANCO MV
Cust. Stn. No.: 70797

Source: WELLHEAD
Pressure: 172 PSIG
Sample Temp: 84 DEG. F
Well Flowing: Y
Date Sampled: 09/05/2014
Sampled By: CULLAN KELLER
Foreman/Engr.:

OIL CONS. DIV DIST. 3

OCT 21 2014

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.113	0.0120	0.00	0.0011
CO2	1.465	0.2510	0.00	0.0223
Methane	86.366	14.6820	872.30	0.4784
Ethane	7.301	1.9580	129.20	0.0758
Propane	2.668	0.7370	67.13	0.0406
Iso-Butane	0.546	0.1790	17.76	0.0110
N-Butane	0.649	0.2050	21.17	0.0130
I-Pentane	0.255	0.0940	10.20	0.0064
N-Pentane	0.169	0.0610	6.77	0.0042
Hexane Plus	0.468	0.2090	24.67	0.0155
Total	100.000	18.3880	1149.20	0.6682

* @ 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): 1155.3
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1135.2
REAL SPECIFIC GRAVITY: 0.6699

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

DRY BTU @ 14.650: 1149.0
DRY BTU @ 14.696: 1152.6
DRY BTU @ 14.730: 1155.3
DRY BTU @ 15.025: 1178.4

CYLINDER #: 4048
CYLINDER PRESSURE: 169 PSIG
DATE RUN: 9/9/14 12:51 PM
ANALYSIS RUN BY: AMANDA ARMENTA



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

Analysis No: GW140021
Cust No: 33050-10175

Well/Lease Information

Customer Name: GREAT WESTERN DRILLING
Well Name: J. E. DECKER #2; BHD
County/State: SAN JUAN NM
Location:
Field:
Formation: BLANCO MV
Cust. Stn. No.: 70797

Source: BRADENHEAD
Pressure: 210 PSIG
Sample Temp: 84 DEG. F
Well Flowing: Y
Date Sampled: 09/05/2014
Sampled By: CULLAN KELLER
Foreman/Engr.:

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.191	0.0210	0.00	0.0018
CO2	1.091	0.1870	0.00	0.0166
Methane	80.704	13.7280	815.11	0.4470
Ethane	10.238	2.7470	181.18	0.1063
Propane	4.278	1.1830	107.64	0.0651
Iso-Butane	0.685	0.2250	22.28	0.0137
N-Butane	1.194	0.3780	38.95	0.0240
I-Pentane	0.443	0.1630	17.72	0.0110
N-Pentane	0.366	0.1330	14.67	0.0091
Hexane Plus	0.810	0.3620	42.70	0.0268
Total	100.000	19.1270	1240.25	0.7215

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0036
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1247.6
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1225.9
REAL SPECIFIC GRAVITY: 0.7239

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

DRY BTU @ 14.650: 1240.8
DRY BTU @ 14.696: 1244.7
DRY BTU @ 14.730: 1247.6
DRY BTU @ 15.025: 1272.6

CYLINDER #: 6156
CYLINDER PRESSURE: 171 PSIG
DATE RUN: 9/9/14 12:50 PM
ANALYSIS RUN BY: AMANDA ARMENTA