



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://emnrd.state.nm.us/ocd/District III3district.htm](http://emnrd.state.nm.us/ocd/District%20III3district.htm)

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 9/20/14 Operator Ernest API #30-0 45-31014
Property Name Clayton Well No. 2C Location: Unit 1 Section 2 Township 30N Range 12W
Well Status (Shut-In or Producing) Initial PSI: Tubing 80 Intermediate 110 Casing 80 Bradenhead 0

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE			INTERM	
	BH	Int	Csg	Int	Csg
TIME					
5 min	0	0	80	0	80
10 min	0	0	80	0	80
15 min	0	0	80	0	80
20 min	0	0	80	0	80
25 min	0	0	80	0	80
30 min	0	0	80	0	80

	FLOW CHARACTERISTICS	
	BRADENHEAD	INTERMEDIATE
Steady Flow	X	X
Surges	X	X
Down to Nothing	X	X
Nothing	X	X
Gas		
Gas & Water		
Water		

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

CLEAR _____ FRESH _____ SALTY _____ SULFUR _____ BLACK _____

5 MINUTE SHUT-IN PRESSURE BRADENHEAD 0 INTERMEDIATE 0

REMARKS: Intermediate lets out a bad puff then surged to nothing.

By Jay Schind
Operator
(Position)

Witness _____

E-mail address _____

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MAR 09 2015

NMOCD
DISTR



COPY

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

Analysis No: EN150038
Cust No: 25400-11150

Well/Lease Information

Customer Name: ENERVEST
Well Name: CLAYTON 2C
County/State:
Location:
Field:
Formation:
Cust. Str. No.: 21001

Casing 30-045-31014

Source:
Pressure: 74 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 02/03/2015
Sampled By: L. MARTINEZ
Foreman/Engr.:



Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.248	0.0270	0.00	0.0024
CO2	0.201	0.0340	0.00	0.0031
Methane	85.241	14.4930	860.93	0.4721
Ethane	8.328	2.2340	147.38	0.0865
Propane	3.239	0.8950	81.50	0.0493
Iso-Butane	0.633	0.2080	20.58	0.0127
N-Butane	0.881	0.2790	28.74	0.0177
I-Pentane	0.358	0.1310	14.32	0.0089
N-Pentane	0.244	0.0890	9.78	0.0061
Hexane Plus	0.627	0.2800	33.05	0.0208
Total	100.000	18.6700	1196.29	0.6795

* @ 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): 1202.9

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1182.0

REAL SPECIFIC GRAVITY: 0.6814

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

DRY BTU @ 14.650: 1196.4

DRY BTU @ 14.696: 1200.1

DRY BTU @ 14.730: 1202.9

DRY BTU @ 15.025: 1227.0

CYLINDER #: 5019

CYLINDER PRESSURE: 72 PSIG

DATE RUN: 2/17/15 1:18 PM

ANALYSIS RUN BY: PATRICIA KING