



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 III/3distric.htm](http://emnrd.state.nm.us/ocd/District%20III/3distric.htm)

BRADENHEAD TEST REPORT

(submit 1 copy to above address)

Date of Test 9/26/14 Operator Enervest API #30-0 45-31207

Property Name Senter Well No. 1B Location: Unit J Section 24 Township 31N Range 13W

Well Status(Shut-In or Producing) Initial PSI: Tubing 127 Intermediate 5 Casing 138 Bradenhead 30

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing TIME	PRESSURE			INTERM	
	BH	Bradenhead Int	Csg	Int	Csg
5 min	0	30	138	0	138
10 min	0	30	138	0	138
15 min	0	30	138	0	138
20 min					
25 min					
30 min					

FLOW CHARACTERISTICS		BRADENHEAD	INTERMEDIATE
Steady Flow			X
Surges			
Down to Nothing	X		X
Nothing			
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

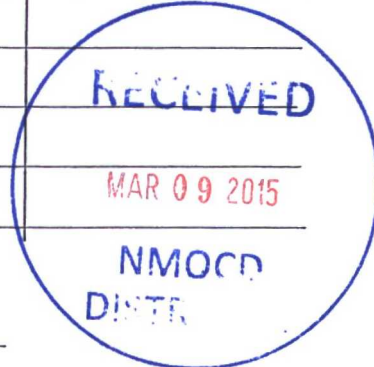
REMARKS:

Bradenhead gives a good puff then nothing.
Intermediate ~~test~~ wooshes down to nothing

By Jerry Schunz
operator
(Position)

Witness _____

E-mail address _____





RECEIVED

MAR 09 2015

NMOCD

2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: EN150062
Cust No: 25400-11475

Well/Lease Information

Customer Name: ENERVEST
Well Name: SENTER #1B; CSG
County/State: SAN JUAN NM
Location:
Field:
Formation:
Cust. Stn. No.:

30-045-31207

Source: CASING
Pressure: 135 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 02/12/2015
Sampled By: LEROY MARTINEZ
Foreman/Engr.:

Remarks:

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	0.246	0.0270	0.00	0.0024
CO2	0.568	0.0970	0.00	0.0086
Methane	82.090	13.9610	829.11	0.4547
Ethane	9.893	2.6540	175.08	0.1027
Propane	4.114	1.1370	103.51	0.0626
Iso-Butane	0.718	0.2360	23.35	0.0144
N-Butane	1.016	0.3210	33.14	0.0204
I-Pentane	0.382	0.1400	15.28	0.0095
N-Pentane	0.271	0.0990	10.86	0.0068
Hexane Plus	0.702	0.3140	37.00	0.0232
Total	100.000	18.9860	1227.34	0.7053

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0034
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1234.4
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1212.9
REAL SPECIFIC GRAVITY: 0.7075GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.DRY BTU @ 14.650: 1227.7
DRY BTU @ 14.696: 1231.6
DRY BTU @ 14.730: 1234.4
DRY BTU @ 15.025: 1259.1CYLINDER #: 2
CYLINDER PRESSURE: 128 PSIG
DATE RUN: 2/24/15 10:45 AM
ANALYSIS RUN BY: PATRICIA KING



RECEIVED

MAR 09 2015

NMOCD
DIST2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: EN150061
Cust No: 25400-11470**Well/Lease Information**Customer Name: ENERVEST
Well Name: SENTER #1B; BHD
County/State: SAN JUAN NM
Location:
Field:
Formation:
Cust. Stn. No.:Source: BRADENHEAD
Pressure: 25 PSIG
Sample Temp: DEG. F
Well Flowing: Y
Date Sampled: 02/12/2015
Sampled By: LEROY MARTINEZ
Foreman/Engr.:

Remarks: PRESSURED WITH HELIUM TO 30 LBS.

Analysis

Component::	Mole%:	**GPM:	*BTU:	*SP Gravity:
Nitrogen	9.692	1.0680	0.00	0.0937
CO2	0.012	0.0020	0.00	0.0002
Methane	89.080	15.1250	899.71	0.4934
Ethane	1.156	0.3100	20.46	0.0120
Propane	0.041	0.0110	1.03	0.0006
Iso-Butane	0.004	0.0010	0.13	0.0001
N-Butane	0.000	0.0000	0.00	0.0000
I-Pentane	0.000	0.0000	0.00	0.0000
N-Pentane	0.000	0.0000	0.00	0.0000
Hexane Plus	0.015	0.0070	0.79	0.0005
Total	100.000	16.5240	922.12	0.6005

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0018

BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 925.9

BTU/CU.FT (WET) CORRECTED FOR (1/Z): 909.8

REAL SPECIFIC GRAVITY: 0.6014

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

DRY BTU @ 14.650: 920.9

DRY BTU @ 14.696: 923.8

DRY BTU @ 14.730: 925.9

DRY BTU @ 15.025: 944.4

CYLINDER #: 1

CYLINDER PRESSURE: PSIG

DATE RUN: 2/20/15 10:43 AM

ANALYSIS RUN BY: PATRICIA KING