



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 9/23/14 Operator Enervest API #30-0 45-24386

Property Name Jackson Well No. 2E Location: Unit 0 Section 18 Township 31N Range 12W

Well Status (Shut-In or Producing) Initial PSI: Tubing 210 Intermediate NA Casing 210 Bradenhead 72

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Testing	PRESSURE				
	BH	Bradenhead	INTERM	Int	Csg
TIME					
5 min	0		210		
10 min	0		210		
15 min	0		210		
20 min					
25 min					
30 min					

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

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

CLEAR _____ FRESH _____ SALTY _____ SULFUR _____ BLACK _____

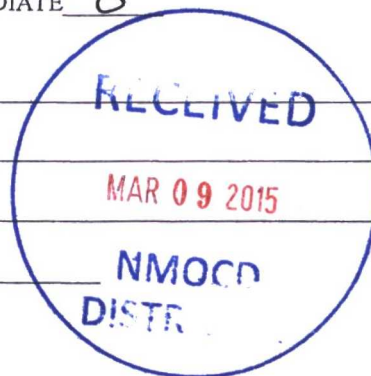
5 MINUTE SHUT-IN PRESSURE BRADENHEAD 50 INTERMEDIATE 0

REMARKS: Blows down in 45 sec.

By Jerry Schmitt
Operator
(Position)

Witness _____

E-mail address _____





RECEIVED

MAR 09 2015

NMOCD
DISTR2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: EN150060
Cust No: 25400-11465

Well/Lease Information

Customer Name: ENERVEST
Well Name: JACKSON #2E; CSG
County/State: SAN JUAN NM
Location:
Field:
Formation:
Cust. Stn. No.:

30-045-24386

Source: CASING
Pressure: 164 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	5.073	0.5600	0.00	0.0491
CO2	2.406	0.4120	0.00	0.0366
Methane	75.936	12.9130	766.96	0.4206
Ethane	9.570	2.5670	169.36	0.0994
Propane	4.167	1.1510	104.84	0.0634
Iso-Butane	0.676	0.2220	21.98	0.0136
N-Butane	1.051	0.3320	34.29	0.0211
I-Pentane	0.345	0.1270	13.80	0.0086
N-Pentane	0.273	0.0990	10.94	0.0068
Hexane Plus	0.503	0.2250	26.51	0.0166
Total	100.000	18.6080	1148.69	0.7357

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0033
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1155.0
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1134.9
REAL SPECIFIC GRAVITY: 0.7378GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.DRY BTU @ 14.650: 1148.7
DRY BTU @ 14.696: 1152.3
DRY BTU @ 14.730: 1155.0
DRY BTU @ 15.025: 1178.1CYLINDER #: 5
CYLINDER PRESSURE: 168 PSIG
DATE RUN: 2/20/15 10:42 AM
ANALYSIS RUN BY: JENNIFER DEAN



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MAR 09 2015

NMOCD
DISTR2030 Afton Place
Farmington, NM 87401
(505) 325-6622Analysis No: EN150059
Cust No: 25400-11460

Well/Lease Information

Customer Name: ENERVEST
Well Name: JACKSON #2E; BHD
County/State: SAN JUAN NM
Location:
Field:
Formation:
Cust. Stn. No.:Source: BRADENHEAD
Pressure: 95 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	0.118	0.0130	0.00	0.0011
CO2	0.028	0.0050	0.00	0.0004
Methane	94.879	16.1180	958.28	0.5255
Ethane	3.786	1.0150	67.00	0.0393
Propane	0.626	0.1730	15.75	0.0095
Iso-Butane	0.168	0.0550	5.46	0.0034
N-Butane	0.132	0.0420	4.31	0.0026
I-Pentane	0.073	0.0270	2.92	0.0018
N-Pentane	0.035	0.0130	1.40	0.0009
Hexane Plus	0.155	0.0690	8.17	0.0051
Total	100.000	17.5300	1063.29	0.5898

* @ 14.730 PSIA DRY & UNCORRECTED FOR COMPRESSIBILITY

**@ 14.730 PSIA & 60 DEG. F.

COMPRESSIBILITY FACTOR (1/Z): 1.0023
BTU/CU.FT (DRY) CORRECTED FOR (1/Z): 1068.2
BTU/CU.FT (WET) CORRECTED FOR (1/Z): 1049.6
REAL SPECIFIC GRAVITY: 0.5909GPM, BTU, and SPG calculations as shown
above are based on current GPA factors.DRY BTU @ 14.650: 1062.4
DRY BTU @ 14.696: 1065.7
DRY BTU @ 14.730: 1068.2
DRY BTU @ 15.025: 1089.6CYLINDER #: 1959
CYLINDER PRESSURE: PSIG
DATE RUN: 2/20/15 10:41 AM
ANALYSIS RUN BY: PATRICIA KING