



NEW MEXICO ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
AZTEC DISTRICT OFFICE
1000 RIO BRAZOS ROAD
AZTEC, NM 87410
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<http://www.emnrd.state.nm.us/ocd/>

BRADENHEAD TEST REPORT

(Submit 2 copies to above address)

Date of Test 10/02/09 Operator Devon Energy API # 30045 10867

Property Name 33 Location: Unit Section Township Range
(Well Name and Number)

Pressure (Shut-in or Producing) Tubing 60 Intermediate 67 Casing 61 Bradenhead 06

OPEN BRADENHEAD AND INTERMEDIATE TO ATMOSPHERE INDIVIDUALLY FOR 15 MINUTES EACH

Time	Bradenhead			Intermediate			Bradenhead Intermediate Flowed Flowed	
	BH Blowdown	Casing Monitor	Intermediate Monitor	Intermediate Blowdown	Casing Monitor			
5 minutes	0	61	67	flow	61	Steady Flow		X
10 minutes	0	61	67	flow	60	Surges		
15 minutes	0	61	67	flow	60	Down to Nothing	X	
20 minutes				flow	60	No Flow		
25 minutes				flow	60	Gas	X	X
30 minutes				flow	60	Gas and Water		
5 minute SI	0	61	67	63	60	Water		

RCVD AUG 3 '09

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

OIL CONS. DIV.
DIST. 3

Clear Fresh Salty Sulfur Black

5 Minute Shut-in Bradenhead 0 Intermediate 63

REMARKS: Int + BH through 1/4" valve

By Devon Engineer (Position) Witness

Print Date Time: 10/24/2008 11:34 33.txt

Analyzed By: Rick Sparks
 Meter ID: 33
 Analysis Time: 10/24/2008 10:28
 Flowing Temp.: 0 Deg. F

Sample Type: Spot
 Flowing Pressure: 0 psig

Comp Density	UnNorm %	Normal %	Liquids (USgal/MCF)	Ideal (Btu/SCF)	Rel.
Propane	1.1368	1.1475	0.3152	28.8724	0.0175
Hydrogen Sulfide	0.0000	0.0000	0.0000	0.0000	0.0000
IsoButane	0.2117	0.2136	0.0697	6.9474	0.0043
Butane	0.1850	0.1867	0.0587	6.0905	0.0037
NeoPentane	0.0020	0.0021	0.0008	0.0824	0.0001
IsoPentane	0.0707	0.0714	0.0261	2.8564	0.0018
Pentane	0.0351	0.0354	0.0128	1.4195	0.0009
Hexane+	0.1209	0.1220	0.0000	0.0000	0.0000
Nitrogen	0.0939	0.0948	0.0000	0.0000	0.0009
Methane	89.7567	90.5965	0.0000	915.0250	0.5019
CarbonDioxide	2.6157	2.6402	0.0000	0.0000	0.0401
Ethane	4.8445	4.8898	1.3049	86.5353	0.0508
Hexane	0.0000	0.0697	0.0286	3.3157	0.0021
Heptane+	0.0000	0.0000	0.0000	0.0000	0.0000
Heptane	0.0000	0.0349	0.0160	1.9181	0.0012
Octane	0.0000	0.0174	0.0089	1.0891	0.0007
Nonane+	0.0000	0.0000	0.0000	0.0000	0.0000
Nonane	0.0000	0.0000	0.0000	0.0000	0.0000
Decane	0.0000	0.0000	0.0000	0.0000	0.0000
Undecane	0.0000	0.0000	0.0000	0.0000	0.0000
Dodecane	0.0000	0.0000	0.0000	0.0000	0.0000
Ethane-	0.0000	0.0000	0.0000	0.0000	0.0000
Propane +	0.0000	0.0000	0.0000	0.0000	0.0000

Total	99.0730	100.0000	1.8417	1054.1519	0.6272
Inferior Wobbe (Btu/SCF)	1315.2815	(Btu/SCF)	Superior Wobbe	1337.4508	
Compressibility (lbm/ft3)	0.9976		Density	0.0480	
Real Rel. Density (Btu/SCF)	0.6272		Ideal CV	1054.1519	
Wet CV (Btu/SCF)	1041.6089	(Btu/SCF)	Dry CV	1059.1654	
Contract Temp.	60.0000	(deg F)	Contract Press.	14.7300	(psia)
Number of cycles	1		Connected Stream	1	