

# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

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NOV 02 2010

## Test Ticket

NO. 38420 15002

Well Name & No. Betty Thunder #2 Test No. 1 Date 10/25/10  
 Company H&M petroleum Corp Elevation 2569 KB 2564 GL  
 Address 13570 meadow Grass Dr STE 101 Colorado Springs Colorado CO. 80921  
 Co. Rep / Geo. Richard Hall Rig Graham WW #6  
 Location: Sec. 30 Twp. 9 Rge. 24W Co. Graham State KS

Interval Tested 3894 3939 Zone Tested LKC-A-C  
 Anchor Length 45 Drill Pipe Run ~~3020~~ 3763 Mud Wt. 9.2  
 Top Packer Depth 3889 Drill Collars Run 123 Vis 60  
 Bottom Packer Depth 3894 Wt. Pipe Run - 0- WL 7.2  
 Total Depth 3939 Chlorides 2,700 ppm System LCM 1#

Blow Description IF: Weak surface blow, Died in 1 min.  
ISI: No blow back over 30 mins  
FF: Weak surface blow over 45 mins.  
FST: No blow back over 75 mins.

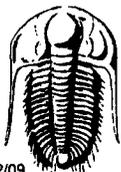
Rec	Feet of	%gas	%oil	%water	%mud
<u>2</u>	Feet of <u>oil</u>	<u>100</u>	<u>0</u>	<u>0</u>	<u>0</u>
<u>20</u>	Feet of <u>ww with oil specs</u>	<u>1</u>	<u>0</u>	<u>49</u>	<u>50</u>
<u>123</u>	Feet of <u>wm</u>	<u>0</u>	<u>0</u>	<u>50</u>	<u>50</u>
<u>    </u>	Feet of <u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>
<u>    </u>	Feet of <u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>	<u>    </u>

Rec Total 145 BHT 114 Gravity      API RW      @      °F Chlorides      ppm

(A) Initial Hydrostatic 2028  Test 1125 T-On Location 10:30  
 (B) First Initial Flow 19  Jars      T-Started 2:00  
 (C) First Final Flow 53  Safety Joint 75 T-Open 4:04  
 (D) Initial Shut-In 694  Circ Sub      T-Pulled 6:50  
 (E) Second Initial Flow 61  Hourly Standby 1 1/4 hr 125 T-Out 8:43  
 (F) Second Final Flow 95  Mileage 70 x 2 = 140 x 1.25 = 175 Comments DN location at 10:30  
 (G) Final Shut-In 681  Sampler      hold on bank at 11:15 Not Done  
 (H) Final Hydrostatic 1955  Straddle      with short trip till 11:30  
 Shale Packer       Ruined Shale Packer       
 Extra Packer       Ruined Packer       
 Extra Recorder       Extra Copies       
 Day Standby      Sub Total 8  
 Accessibility      Total 1500  
 Sub Total 1500

Approved By \_\_\_\_\_ Our Representative     

Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



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## Test Ticket

NO. 38421

12/09

BY \_\_\_\_\_

Well Name & No. Betty Thunder #2 Test No. 2 Date 10/26/10  
 Company H&M Petroleum Corp. Elevation 2569 KB 2564 GL  
 Address 13570 Meadow Grass Dr. STE. 101 Colorado Springs Co. 80921  
 Co. Rep / Geo. Richard Hall Rig ww#6  
 Location: Sec. 30 Twp. 9 Rge. 24w Co. Graham State Ks

Interval Tested 3939 3950 Zone Tested LKC-D  
 Anchor Length \_\_\_\_\_ 11 Drill Pipe Run 3805 Mud Wt. 9.2  
 Top Packer Depth \_\_\_\_\_ 3934 Drill Collars Run 123 Vis 60  
 Bottom Packer Depth \_\_\_\_\_ 3939 Wt. Pipe Run 0 WL 7.2  
 Total Depth \_\_\_\_\_ 3950 Chlorides 2,700 ppm System LCM 1#

Blow Description IF: Fair blow, built to B.O.B in 7 mins.  
ISI: Bled off, Blow back after 1 min. built to 1 in. over 30 mins.  
FF: Fair blow, built to B.O.B in 7 mins.  
FSI: Bled off, Blow back after 1 min. built to 1 in. over 60 mins.

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>90</u>	<u>10</u>	<u>90</u>		
<u>124</u>	<u>90</u>	<u>5</u>	<u>95</u>		
<u>62</u>	<u>gaso</u>	<u>10</u>	<u>80</u>		<u>10</u>
<u>61</u>	<u>gaso</u>	<u>30</u>	<u>25</u>		<u>45</u>
<u>0</u>	<u>868 ft of gas in pipe</u>				

Rec Total 277 BHT 114.69 Gravity 38 API RW @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic	<u>2074</u>	<input checked="" type="checkbox"/> Test	<u>1125</u>	T-On Location	<u>13:30</u>
(B) First Initial Flow	<u>28</u>	<input type="checkbox"/> Jars		T-Started	<u>13:55</u>
(C) First Final Flow	<u>58</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>15:47</u>
(D) Initial Shut-In	<u>710</u>	<input type="checkbox"/> Circ Sub		T-Pulled	<u>18:00</u>
(E) Second Initial Flow	<u>65</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>20:12</u>
(F) Second Final Flow	<u>100</u>	<input checked="" type="checkbox"/> Mileage	<u>70x2 = 140x1.25 = 175</u>	Comments	
(G) Final Shut-In	<u>699</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>1984</u>	<input type="checkbox"/> Straddle			
		<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Shale Packer	
		<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Ruined Packer	
		<input type="checkbox"/> Extra Recorder		<input type="checkbox"/> Extra Copies	
		<input type="checkbox"/> Day Standby		Sub Total	<u>8</u>
		<input type="checkbox"/> Accessibility		Total	<u>1375</u>
		Sub Total	<u>1375</u>		

Approved By \_\_\_\_\_ Our Representative Chad [Signature]

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BY: \_\_\_\_\_

## Test Ticket

NO. 38422

Well Name & No. Betty Thunder #2 Test No. 3 Date 10/28/10  
 Company H&M Petroleum Corp. Elevation 2569 KB 2564 GL  
 Address 13570 Meadow Grass Dr. STE. 101 Colorado springs Co. 80921  
 Co. Rep / Geo. Richard Hall Rig ww #4  
 Location: Sec. 30 Twp. 9 Rge. 24w Co. Graham State Ks.

Interval Tested 3967 3992 Zone Tested LKC-E-F  
 Anchor Length 25 Drill Pipe Run 3826 Mud Wt. 9.2  
 Top Packer Depth 3962 Drill Collars Run 123 Vis 60  
 Bottom Packer Depth 3967 Wt. Pipe Run 0 WL 7.2  
 Total Depth 3992 Chlorides 2,700 ppm System LCM 1#

Blow Description IF: Fair blow, built to B.O.B in 12 mins.  
FSI: Bled off, Blow back after 12 mins. built to 1/8 in. over 30 mins.  
FF: Fair blow, built to B.O.B in 15 mins.

FSI: Bled off, Blow back after 10 mins. built to 1/8 in over 60 mins

Rec	Feet of	%gas	%oil	%water	%mud
<u>124</u>	<u>gown</u>	<u>10</u>	<u>45</u>	<u>5</u>	<u>40</u>
<u>123</u>	<u>gown</u>	<u>5</u>	<u>25</u>	<u>50</u>	<u>20</u>
<u>0</u>	<u>490 ft. gas in pipe</u>				

Rec Total 247 BHT 117.83 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic	<u>207</u>	<input checked="" type="checkbox"/> Test	<u>1125.00</u>	T-On Location	<u>4:28</u>
(B) First Initial Flow	<u>26</u>	<input type="checkbox"/> Jars		T-Started	<u>4:52</u>
(C) First Final Flow	<u>76</u>	<input checked="" type="checkbox"/> Safety Joint	<u>75</u>	T-Open	<u>6:43</u>
(D) Initial Shut-In	<u>794</u>	<input type="checkbox"/> Circ Sub		T-Pulled	<u>8:55</u>
(E) Second Initial Flow	<u>84</u>	<input type="checkbox"/> Hourly Standby		T-Out	<u>10:55</u>
(F) Second Final Flow	<u>118</u>	<input checked="" type="checkbox"/> Mileage <u>70.2 = 140 x 1.25</u>	<u>175</u>	Comments	
(G) Final Shut-In	<u>793</u>	<input type="checkbox"/> Sampler			
(H) Final Hydrostatic	<u>1999</u>	<input type="checkbox"/> Straddle			
		<input type="checkbox"/> Shale Packer		<input type="checkbox"/> Ruined Shale Packer	
Initial Open	<u>15</u>	<input type="checkbox"/> Extra Packer		<input type="checkbox"/> Ruined Packer	
Initial Shut-In	<u>30</u>	<input type="checkbox"/> Extra Recorder		<input type="checkbox"/> Extra Copies	
Final Flow	<u>30</u>	<input type="checkbox"/> Day Standby		Sub Total	<u>8</u>
Final Shut-In	<u>60</u>	<input type="checkbox"/> Accessibility		Total	<u>1375</u>
		Sub Total	<u>1375</u>		

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## Test Ticket

NO. 38423

Well Name & No. Betty Thunder #2 Test No. 4 Date 10-27-10  
 Company H & M Petro. Corp. Elevation 2569 KB 2584 GL  
 Address 13570 Meadow Grass Dr STE. 101 Colorado Spring Co. 80901  
 Co. Rep / Geo. Richard Hall Rig WWT#6  
 Location: Sec. 30 Twp. 9 Rge. 24W Co. Graham State Ks

Interval Tested 4022 4090 Zone Tested LKC-H-J  
 Anchor Length 68 Drill Pipe Run 3889 Mud Wt. 9.3  
 Top Packer Depth 4017 Drill Collars Run 123 Vis 60  
 Bottom Packer Depth 4022 Wt. Pipe Run 0 WL 7.6  
 Total Depth 4090 Chlorides 2,700 ppm System LCM 1H

Blow Description FF: weak blow, built to 1 in. over 15 mins.

ISI: no blow back.

FF: weak blow, built to 3 in over 60 mins.

FSI: No blow back over 90 mins

Rec	Feet of	%gas	%oil	%water	%mud
<u>0</u>	<u>248 gas in pipe</u>				
<u>64</u>	<u>40 CM</u>	<u>5</u>	<u>80</u>		<u>45</u>

Rec Total 64 BHT 113 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic 2200  Test 1225 T-On Location 22:40  
 (B) First Initial Flow 17  Jars \_\_\_\_\_ T-Started 22:55  
 (C) First Final Flow 30  Safety Joint 75 T-Open 1:11  
 (D) Initial Shut-In 894  Circ Sub \_\_\_\_\_ T-Pulled 4:20  
 (E) Second Initial Flow 30  Hourly Standby \_\_\_\_\_ T-Out 6:43  
 (F) Second Final Flow 53  Mileage 75 x 2 = 150 x 125 (75) Comments \_\_\_\_\_  
 (G) Final Shut-In 1153  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2000  Straddle \_\_\_\_\_

Initial Open 75  Ruined Shale Packer \_\_\_\_\_  
 Initial Shut-In 30  Extra Packer \_\_\_\_\_  
 Final Flow 60  Extra Recorder \_\_\_\_\_  
 Final Shut-In 90  Day Standby \_\_\_\_\_ Sub Total 8  
 Accessibility \_\_\_\_\_ Total 1475  
 Sub Total 1475

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