

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 041001 15123

Well Name & No. Betty Thunder #3 Test No. 1 Date 11-26-10
 Company H+M Petroleum Corporation Elevation 2574 KB 2569 GL
 Address 13570 Meadow Glass Rd Ste 101 Colorado Spgs Co 80921
 Co. Rep / Geo. Randy Ray Rig WW Rig #2
 Location: Sec. 30 Twp. 9 S Rge. 24 W Co. Graham State KS

Interval Tested 3930-3942 Zone Tested LKC-C
 Anchor Length 12 Drill Pipe Run 3801 Mud Wt. 9.0
 Top Packer Depth 3925 Drill Collars Run 124 Vis 59
 Bottom Packer Depth 3930 Wt. Pipe Run 0 WL 4.0
 Total Depth 3942 Chlorides 1800 ppm System LCM 1/2

Blow Description IFP-GOOD Blow BOB IN 11 1/2 min
ISI-Dead
FFP-GOOD Blow BOB IN 16 1/2 min
FSL-Dead

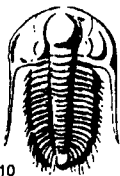
Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Feet of MW with oil spots</u>			<u>75%</u>	<u>25%</u>
<u>378</u>	<u>Feet of MW</u>			<u>80%</u>	<u>20%</u>

Rec Total 388 BHT Gravity API RW 150 @ 40.7 °F Chlorides 92000 ppm

(A) Initial Hydrostatic <u>1970</u>	<input checked="" type="checkbox"/> Test <u>1125</u>	T-On Location <u>20:40</u>
(B) First Initial Flow <u>42</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>3:10</u>
(C) First Final Flow <u>105</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>5:41</u>
(D) Initial Shut-In <u>444</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>8:11</u>
(E) Second Initial Flow <u>118</u>	<input type="checkbox"/> Hourly Standby <u>4hr 400</u>	T-Out <u>10:10 135</u>
(F) Second Final Flow <u>196</u>	<input checked="" type="checkbox"/> Mileage <u>120 RT 150</u>	Comments _____
(G) Final Shut-In <u>439</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1935</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
	<input type="checkbox"/> Day Standby	Total <u>2000</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>2000</u>	

Approved By _____ Our Representative Jeff Brown

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.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 041008

4/10

Well Name & No. Betty Thunder #3 Test No. 2- Date 11-27-10
 Company H+M Petroleum Corporation Elevation 2574 KB 2569 GL
 Address 13570 Meadow Cross Rd Ste 101 Colorado Spgs CO 80921
 Co. Rep / Geo. Randy Bay Rig WW Rig #60
 Location: Sec. 30 Twp. 9 S Rge. 24 W Co. Graham State KS

Interval Tested 3944-3954 Zone Tested LKC-D
 Anchor Length 10 Drill Pipe Run 3797 Mud Wt. 9.1
 Top Packer Depth 3939 Drill Collars Run 124 Vis 57
 Bottom Packer Depth 3944 Wt. Pipe Run 0 WL 6.0
 Total Depth 3954 Chlorides 2900 ppm System LCM Y2⁺

Blow Description FFP-GOOD Blow BOB IN 8 min
ISI-Weak Blow Back Built to 1/2 IN Died Back to 1/4 IN
FFP-GOOD Blow BOB IN 10 1/2 min
ISI-Weak Blow Back Built to 1/2 IN Died Back to 1/4 IN

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>oil</u>				
<u>31</u>	<u>mw with oil spots</u>			<u>80%</u>	<u>20%</u>
<u>376</u>	<u>1 MW</u>			<u>85%</u>	<u>15%</u>
<u>147</u>	<u>GIP</u>				

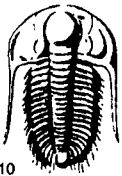
Rec Total 412 BHT 117 Gravity API RW 112³ @ 38 °F Chlorides 30000 ppm

(A) Initial Hydrostatic 2006 Test 1125- T-On Location 15:38
 (B) First Initial Flow 43 Jars 250- T-Started 16:17
 (C) First Final Flow 113 Safety Joint 75- T-Open 18:11
 (D) Initial Shut-In 676 Circ Sub _____ T-Pulled 20:26
 (E) Second Initial Flow 133 Hourly Standby _____ T-Out 22:48
 (F) Second Final Flow 212 Mileage 120 RT 150- Comments _____
 (G) Final Shut-In 670 Sampler _____
 (H) Final Hydrostatic 1926 Straddle _____ Ruined Shale Packer _____
 Shale Packer _____ Ruined Packer _____
 Extra Packer _____ Extra Copies _____

Initial Open 15
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 60
 Sub Total Ø
 Total 1600-
 MP/DST Disc't _____
 Sub Total 1600-

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P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 041009

Well Name & No. Betty Thunder #3 Test No. 3 Date 11-28-10
 Company H & M Petroleum Corporation Elevation 2574 KB 2569 GL
 Address 13570 Meadow Grass Rd Ste 101 Colorado Spgs Co 80901
 Co. Rep / Geo. Randy SAY Rig WW Rig #40
 Location: Sec. 30 Twp. 9S Rge. 24W Co. Graham State KS

Interval Tested 3962-3997 Zone Tested LKC-F
 Anchor Length 35 Drill Pipe Run 3828 Mud Wt. 9.1
 Top Packer Depth 3957 Drill Collars Run 124 Vis 57
 Bottom Packer Depth 3962 Wt. Pipe Run 0 WL 40
 Total Depth 3997 Chlorides 2900 ppm System LCM 1/2"

Blow Description FP - Fair Blow Built to 7 IN
ISI - Dead NO Blow Back
FP - Fair Blow Built to 8 IN
FSI - Weak Surface Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>124</u>	<u>MW</u>			<u>50%</u>	<u>50%</u>
<u>78</u>	<u>WM</u>			<u>5%</u>	<u>95%</u>

Rec Total 202 BHT 114 Gravity _____ API RW 1189 @ 54.4° F Chlorides 52500 ppm

(A) Initial Hydrostatic 1992
 (B) First Initial Flow 324
 (C) First Final Flow 79
 (D) Initial Shut-In 750
 (E) Second Initial Flow 97
 (F) Second Final Flow 113
 (G) Final Shut-In 747
 (H) Final Hydrostatic 1933

Test 1125
 Jars 250
 Safety Joint 75
 Circ Sub _____
 Hourly Standby _____
 Mileage 120 RT 150

T-On Location 7:02
 T-Started 7:41
 T-Open 9:30
 T-Pulled 12:15
 T-Out 14:03

Initial Open 30
 Initial Shut-In 30
 Final Flow 45
 Final Shut-In 60

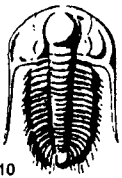
Sampler _____
 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1600

Comments _____
 Ruined Shale Packer _____
 Ruined Packer _____
 Extra Copies _____
 Sub Total 0
 Total 1600
 MP/DST Disc't _____

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 041010

Well Name & No. Betty Thunder #3 Test No. 11-29-10 Date 11-29-10
 Company H+M Petroleum Corporation Elevation 2574 KB 2569 GL
 Address 13570 Meadow Grass RD STE 101 Colorado Spgs CO 80921
 Co. Rep / Geo. Randy SAY Rig WW #4
 Location: Sec. 30 Twp. 9S Rge. 24W Co. Graham State KS

Interval Tested 4022-4094 Zone Tested LKC-H-I-5
 Anchor Length 72 Drill Pipe Run 3891 Mud Wt. 9.3
 Top Packer Depth 4017 Drill Collars Run 124 Vis 6.9
 Bottom Packer Depth 4022 Wt. Pipe Run 0 WL 7.1
 Total Depth 4094 Chlorides 3500 ppm System LCM 1

Blow Description FFP-Fair Blow Built TO 5 3/4 IN
ISF-Dead No Blow Back
FFP-Fair Blow Built TO 9 1/2 IN
ISF-Dead No Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>62</u>	<u>USOCM</u>		<u>2</u>		<u>95</u>
<u>62</u>	<u>SOCGM</u>	<u>5</u>	<u>5</u>		<u>90</u>
	<u>157 GIP</u>				

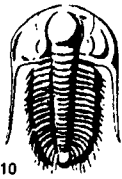
Rec Total 124 BHT 113 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2064</u>	<input checked="" type="checkbox"/> Test <u>1225</u>	T-On Location <u>3:50</u>
(B) First Initial Flow <u>58</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>5:03</u>
(C) First Final Flow <u>72</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>7:13</u>
(D) Initial Shut-In <u>782</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>9:58</u>
(E) Second Initial Flow <u>81</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>11:58</u>
(F) Second Final Flow <u>89</u>	<input checked="" type="checkbox"/> Mileage <u>120RT 150</u>	Comments _____
(G) Final Shut-In <u>1217</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>2025</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
	<input type="checkbox"/> Day Standby _____	Total <u>1700</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1700</u>	

Initial Open 30
 Initial Shut-In 30
 Final Flow 45
 Final Shut-In 200

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Test Ticket

NO. 041011

4/10

Well Name & No. Betty Thunder #3 Test No. 5 Date 11-29-10
 Company 1st MP Petroleum Corporation Elevation 2574 KB 2569 GL
 Address 13570 Meadow Grass Rd Ste 101 Colorado Spgs CO 80901
 Co. Rep / Geo. Randy Say Rig WW #40
 Location: Sec. 30 Twp. 9S Rge. 24W Co. Craigham State KS

Interval Tested 4093 - 4134 Zone Tested LKC - K - L
 Anchor Length 36 Drill Pipe Run 3953 Mud Wt. 9.3
 Top Packer Depth 4093 Drill Collars Run 124 Vis 69
 Bottom Packer Depth 4093 Wt. Pipe Run 0 WL 6.4
 Total Depth 4134 Chlorides 3500 ppm System LCM 1
 Blow Description IFP - Fair Blow Built To 7 1/2 IN
ISL - Dead NO Blow Back
FFP - Fair Blow Built To 5 IN
FSL - Dead NO Blow Back

Rec	Feet of	%gas	%oil	%water	%mud
<u>602</u>	<u>Feet of HOCOM</u>	<u>5%</u>	<u>40%</u>	<u></u>	<u>55%</u>
Rec	Feet of <u>156 GIP</u>	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 602 BHT 110 Gravity API RW @ °F Chlorides ppm

(A) Initial Hydrostatic <u>2107</u>	<input checked="" type="checkbox"/> Test <u>1225</u>	T-On Location <u>18:55</u>
(B) First Initial Flow <u>44</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>20:35</u>
(C) First Final Flow <u>39</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>22:21</u>
(D) Initial Shut-In <u>172</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1:21</u>
(E) Second Initial Flow <u>50</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>3:04</u>
(F) Second Final Flow <u>67</u>	<input checked="" type="checkbox"/> Mileage <u>120 RT 150</u>	Comments
(G) Final Shut-In <u>180</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2036</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer	<input checked="" type="checkbox"/> Ruined Packer <u>260</u>
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>260</u>
Final Shut-In <u>60</u>	<input type="checkbox"/> Day Standby	Total <u>1960</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1700</u>	

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