

# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 041858 15588

4/10

Well Name & No. States Ag 1-36 Test No. 1 Date 4-1-11  
 Company Black Diamond Elevation 2077 KB 2072 GL  
 Address Po Box 641 Hays, Ks 67601  
 Co. Rep / Geo. Tony Richardson Rig WV6  
 Location: Sec. 36 Twp. 4 Rge. 21 Co. Norton State Ks

Interval Tested 3318-3363 Zone Tested LKC "C-F"  
 Anchor Length 45 Drill Pipe Run 3184 Mud Wt. 9.0  
 Top Packer Depth 3313 Drill Collars Run 124 Vis 65  
 Bottom Packer Depth 3318 Wt. Pipe Run \_\_\_\_\_ WL 8.0  
 Total Depth 3363 Chlorides 800 ppm System LCM \_\_\_\_\_  
 Blow Description IFP - weak to fair blow sur - 3 1/2"  
ISI - no blow back  
FFP - weak to Good blow sur - 6  
FSI - no blow back

Rec	Feet of	%gas	sph	%oil	%water	%mud
<u>75</u>	<u>0 sptd WM</u>				<u>20</u>	<u>80</u>
<u>125</u>	<u>MW</u>				<u>80</u>	<u>20</u>
Rec	Feet of	%gas		%oil	%water	%mud
Rec	Feet of	%gas		%oil	%water	%mud

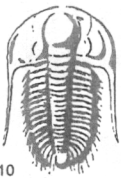
Rec Total 200 BHT 97 Gravity \_\_\_\_\_ API RW .145 @ 57° F Chlorides 68,000 ppm

(A) Initial Hydrostatic 1644  Test 1125 T-On Location 1550  
 (B) First Initial Flow 36  Jars \_\_\_\_\_ T-Started 1653  
 (C) First Final Flow 80  Safety Joint \_\_\_\_\_ T-Open 1821  
 (D) Initial Shut-In 1048  Circ Sub \_\_\_\_\_ T-Pulled 2036  
 (E) Second Initial Flow 93  Hourly Standby \_\_\_\_\_ T-Out 2155  
 (F) Second Final Flow 127  Mileage 124 RT - 105 Comments 5' fill on bottom  
 (G) Final Shut-In 1036  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1603  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_ Sub Total 8  
 Day Standby \_\_\_\_\_ Total 1280  
 Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1280

Initial Open 15  
 Initial Shut-In 30  
 Final Flow 45  
 Final Shut-In 45

Approved By \_\_\_\_\_ Our Representative Brian Fairbank

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. 041859

APR 05 2011

Well Name & No. States Ag 1-36 Test No. 2 Date 4-2-11  
 Company Black Diamond Elevation 2077 KB 2072 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Tony Richardson Rig WW6  
 Location: Sec. 36 Twp. 4 Rge. 21 Co. Norton State Ks

Interval Tested 3410-3498 Zone Tested LKC H-L  
 Anchor Length 88 Drill Pipe Run 3278 Mud Wt. 9.4  
 Top Packer Depth 3405 Drill Collars Run 124 Vis 57  
 Bottom Packer Depth 3410 Wt. Pipe Run \_\_\_\_\_ WL 8.0  
 Total Depth 3498 Chlorides 3000 ppm System LCM \_\_\_\_\_  
 Blow Description IFP- BOB 33min  
IST- no blow back  
FFP- BOB 35min  
FSI- no blow back

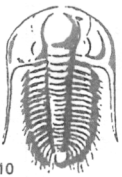
Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>Free oil</u>		<u>95</u>		<u>5</u>
<u>90</u>	<u>O+WCM</u>		<u>15</u>	<u>35</u>	<u>50</u>
<u>130</u>	<u>O+MCW</u>		<u>5</u>	<u>90</u>	<u>5</u>
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____
Rec _____	Feet of _____	%gas _____	%oil _____	%water _____	%mud _____

Rec Total 280 BHT 97 Gravity 22 API RW .105 @ 82 °F Chlorides 65.000 ppm

(A) Initial Hydrostatic 1738  Test 1125 T-On Location 1013  
 (B) First Initial Flow 55  Jars \_\_\_\_\_ T-Started 1143  
 (C) First Final Flow 126  Safety Joint \_\_\_\_\_ T-Open 1313  
 (D) Initial Shut-In 1216  Circ Sub \_\_\_\_\_ T-Pulled 1613  
 (E) Second Initial Flow 134  Hourly Standby \_\_\_\_\_ T-Out 1747  
 (F) Second Final Flow 170  Mileage 124rt 155 Comments \_\_\_\_\_  
 (G) Final Shut-In 1184  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1675  Straddle \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Open 45  Extra Recorder \_\_\_\_\_ Sub Total 8  
 Initial Shut-In 45  Day Standby \_\_\_\_\_ Total 1280  
 Final Flow 45  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Final Shut-In 45 Sub Total 1280

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P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

APR 05 2011

NO. 041860

Well Name & No. Statej Ag 1-36 Test No. 3 Date 4-3-11  
 Company Black Diamond Elevation 2077 KB 2072 GL  
 Address \_\_\_\_\_  
 Co. Rep / Geo. Tony Richardson Rig WW6  
 Location: Sec. 36 Twp. 4 Rge. 21 Co. Norton State K

Interval Tested 3355-3377 Zone Tested LKC "E-F"  
 Anchor Length 22 Drill Pipe Run 3219 Mud Wt. 9.4  
 Top Packer Depth 3350 Drill Collars Run 124 Vis 57  
 Bottom Packer Depth 3355 Wt. Pipe Run — WL 8.0  
 Total Depth 3595 Chlorides 3000 ppm System LCM \_\_\_\_\_  
 Blow Description FFP - BOB 9 min  
ISI - no blow back  
FFP - BOB 11 min  
FSI - no blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>185</u>	<u>W*MCB</u>	<u>60</u>	<u>10</u>	<u>30</u>	<u>—</u>
<u>125</u>	<u>OCMW</u>	<u>10</u>	<u>50</u>	<u>40</u>	<u>—</u>
<u>185</u>	<u>MW</u>	<u>70</u>	<u>30</u>	<u>—</u>	<u>—</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total \_\_\_\_\_ BHT 101 Gravity \_\_\_\_\_ API RW .124 @ 66 °F Chlorides 70,000 ppm

(A) Initial Hydrostatic <u>1734</u>	<input checked="" type="checkbox"/> Test <u>1125</u>	T-On Location <u>0516</u>
(B) First Initial Flow <u>27</u>	<input type="checkbox"/> Jars _____	T-Started <u>0605</u>
(C) First Final Flow <u>144</u>	<input type="checkbox"/> Safety Joint _____	T-Open <u>0726</u>
(D) Initial Shut-In <u>1106</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>0926</u>
(E) Second Initial Flow <u>154</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>1104</u>
(F) Second Final Flow <u>229</u>	<input checked="" type="checkbox"/> Mileage <u>124 RT 155</u>	Comments _____
(G) Final Shut-In <u>1088</u>	<input type="checkbox"/> Sampler _____	_____
(H) Final Hydrostatic <u>1664</u>	<input checked="" type="checkbox"/> Straddle <u>1000</u>	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby _____	Total <u>1880</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1880</u>	

Approved By \_\_\_\_\_

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