

# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED

AUG 24 2010

## Test Ticket

NO. 040132 14690

Well Name & No. Baughner #1-20 Test No. 1 Date 8-23-10  
 Company Murfin Drilling Co Inc Elevation 2294 KB 2289 GL  
 Address 250 N. WATER, STE 300 WICHITA, KS 67202-1216  
 Co. Rep / Geo. PAUL GUNZELMAN Rig MURFIN rig 16  
 Location: Sec. 20 Twp. 12<sup>s</sup> Rge. 21<sup>w</sup> Co. rego State Ks

Interval Tested 3353-3408 Zone Tested Topeka  
 Anchor Length 55 Drill Pipe Run 3294 Mud Wt. 8.8  
 Top Packer Depth 3353-3348 Drill Collars Run 60 Vis 57  
 Bottom Packer Depth 3408 Wt. Pipe Run - WL 6.4  
 Total Depth 3457 Chlorides 1600 ppm System LCM 2#  
 Blow Description IFP - weak Blow died in 25min  
ISIP - NO Blow  
FFP - NO Blow  
FSIP - NO Blow

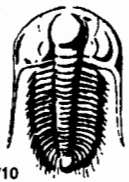
Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>50 CM</u>	<u>5</u>		<u>95</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 10 BHT 105 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>1572</u>	<input checked="" type="checkbox"/> Test <u>1125</u>	T-On Location <u>2315</u>
(B) First Initial Flow <u>17</u>	<input type="checkbox"/> Jars	T-Started <u>0036</u>
(C) First Final Flow <u>27</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>0300</u>
(D) Initial Shut-In <u>665</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>0500</u>
(E) Second Initial Flow <u>30</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0632</u>
(F) Second Final Flow <u>35</u>	<input checked="" type="checkbox"/> Mileage <u>52 RT 65</u>	Comments
(G) Final Shut-In <u>386</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1560</u>	<input checked="" type="checkbox"/> Straddle <u>600</u>	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Day Standby	Total <u>1865</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1865</u>	

Approved By Paul Gunzman Our Representative RAY SCHWAGER Thank you

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. 040133

Well Name & No. Baughee #1-20 Test No. 2 Date 8-24-10  
 Company Murfin Drilling Co Inc Elevation 2294 KB 2289 GL  
 Address 250 N. WATER, STE 300 WICHITA, Ks 67202-1216  
 Co. Rep / Geo. Paul Gunzelman Rig Murfin 16  
 Location: Sec. 20 Twp. 12<sup>s</sup> Rge. 21<sup>w</sup> Co. Trego State Ks

Interval Tested 3574-3672 Zone Tested LKC A-F  
 Anchor Length 98 Drill Pipe Run 3520 Mud Wt. 8.9  
 Top Packer Depth 3569 Drill Collars Run 60 Vis 58  
 Bottom Packer Depth 3574 Wt. Pipe Run - WL 6.4  
 Total Depth 3672 Chlorides 3000 ppm System LCM 2#  
 Blow Description IFP - WEAK TO A STRONG BLOW IN 25 MIN  
TSIP - 1/4" BLOW BACK  
FFP - WEAK TO A STRONG BLOW IN 33 MIN  
FSIP - 1/4" BLOW BACK

Rec	Feet of	%gas	%oil	%water	%mud
350	GTP				
30	CO				
50	H0+6CM	20%	30%		50%
124	0+6CWM	30%	10%	20%	40%
186	WATER				

Rec Total 390 BHT 111 Gravity 40 API RW .12 @ 56 °F Chlorides 80000 ppm

(A) Initial Hydrostatic <u>1705</u>	<input checked="" type="checkbox"/> Test <u>1125</u>	T-On Location <u>2215</u>
(B) First Initial Flow <u>36</u>	<input type="checkbox"/> Jars	T-Started <u>2249</u>
(C) First Final Flow <u>116</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>0045</u>
(D) Initial Shut-In <u>472</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>0445</u>
(E) Second Initial Flow <u>122</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>0648</u>
(F) Second Final Flow <u>260</u>	<input checked="" type="checkbox"/> Mileage <u>52 RT 65</u>	Comments _____
(G) Final Shut-In <u>466</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1673</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer
	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Open <u>30</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>8</u>
Final Flow <u>60</u>	<input type="checkbox"/> Day Standby	Total <u>1265</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Accessibility	MP/DST Disc't _____
	Sub Total <u>1265</u>	

Approved By Paul Gunzelman Our Representative RAY SCHWAGER *Thank you*

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# TRILOBITE TESTING INC.

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## Test Ticket

NO. 040134

AUG 26 2010

Well Name & No. Baugher #1-20 Test No. 3 Date 8-25-10  
 Company Murfin Drilling Co Inc Elevation 2294 KB 2289 GL  
 Address 250 N. WATER, STE. 300 WICHITA, KS 67202-1216  
 Co. Rep / Geo. Paul Gunzelman Rig Murfin 16  
 Location: Sec. 20 Twp. 12<sup>s</sup> Rge. 21<sup>w</sup> Co. Trego State Ks

Interval Tested 3712-3818 Zone Tested LKC H-L  
 Anchor Length 106 Drill Pipe Run \_\_\_\_\_ Mud Wt. 9.1  
 Top Packer Depth 3707 Drill Collars Run 60 Vis 60  
 Bottom Packer Depth 3712 Wt. Pipe Run \_\_\_\_\_ WL 6.4  
 Total Depth 3818 Chlorides 4000 ppm System LCM 1 1/2 #

Blow Description TFP - WEAK Blow thru-out 1/4" to 1/2" Blow  
TSIP - NO Blow  
FFP - NO Blow  
FSIP - NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud w/show of oil</u>				
Rec	Feet of	%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 5 BHT 108 Gravity \_\_\_\_\_ API RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm

(A) Initial Hydrostatic <u>1796</u>	<input checked="" type="checkbox"/> Test <u>1125</u>	T-On Location <u>2030</u>
(B) First Initial Flow <u>21</u>	<input type="checkbox"/> Jars _____	T-Started <u>2109</u>
(C) First Final Flow <u>34</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>2300</u>
(D) Initial Shut-In <u>52</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>0100</u>
(E) Second Initial Flow <u>35</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>0236</u>
(F) Second Final Flow <u>33</u>	<input checked="" type="checkbox"/> Mileage <u>52 RT 65</u>	Comments _____
(G) Final Shut-In <u>38</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1781</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____

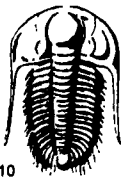
Initial Open 30  
 Initial Shut-In 30  
 Final Flow 30  
 Final Shut-In 30

Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_

Sub Total 1265  
 Total 1265  
 MP/DST Disc't \_\_\_\_\_

Approved By Paul Gunzelman Our Representative RAY SCHWAGER Thank you

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AUG 30 2010

## Test Ticket

NO. 040135

Well Name & No. Baughee # 1-20 Test No. 4 Date 8-26-10  
 Company Murfin Drilling Co Inc Elevation 2294 KB 2289 GL  
 Address 250 N. WATER ST 300 WICHITA, K0 67202-1216  
 Co. Rep / Geo. Paul Gunzelman Rig Murfin 16  
 Location: Sec. 20 Twp. 125 Rge. 21<sup>w</sup> Co. Trego State K0

Interval Tested 3984 - 4000 Zone Tested Arbuckle  
 Anchor Length 16 Drill Pipe Run 3930 Mud Wt. 9  
 Top Packer Depth 3979 Drill Collars Run 60 Vis 69  
 Bottom Packer Depth 3984 Wt. Pipe Run - WL 6.4  
 Total Depth 4000 Chlorides 5100 ppm System LCM 2#

Blow Description IFP - surface Blow thru-out  
ISIP - NO Blow  
FFP - NO Blow  
FSIP - NO Blow

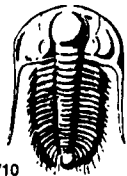
Rec	Feet of	%gas	%oil	%water	%mud
3	CO				
2	HOCM		20		80

Rec Total 5 BHT 113 Gravity 27 API RW - @ - ° F Chlorides - ppm  
 (A) Initial Hydrostatic 1955  Test 1125 T-On Location 1500  
 (B) First Initial Flow 14  Jars T-Started 1554  
 (C) First Final Flow 17  Safety Joint 75 T-Open 1845  
 (D) Initial Shut-In 1148  Circ Sub T-Pulled 2115  
 (E) Second Initial Flow 18  Hourly Standby T-Out 2236  
 (F) Second Final Flow 24  Mileage 52 RT 105 Comments \_\_\_\_\_  
 (G) Final Shut-In 1116  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1948  Straddle \_\_\_\_\_  
 Ruined Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_

Initial Open 30  Extra Packer \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Initial Shut-In 45  Extra Recorder \_\_\_\_\_ Sub Total 0  
 Final Flow 30  Day Standby \_\_\_\_\_ Total 1205  
 Final Shut-In 45  Accessibility \_\_\_\_\_ MP/DST Disc't \_\_\_\_\_  
 Sub Total 1205

Approved By Paul Gunzelman Our Representative Ray Schwager *thank you*

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RECEIVED  
AUG 30 2010

## Test Ticket

NO. 040136

Well Name & No. Baughler # 1-20 Test No. 5 Date 8-27-10  
 Company Murfin Drilling Co Inc Elevation 2294 KB 2289 GL  
 Address 250 N. WATER, STE 300 WICHITA, KS 67202-1246  
 Co. Rep / Geo. Paul Gunzelman Rig Murfin 16  
 Location: Sec. 20 Twp. 12<sup>s</sup> Rge. 21<sup>w</sup> Co. rego State Ks

Interval Tested 3999-4010 Zone Tested Arbuckle  
 Anchor Length 11 Drill Pipe Run 3932 Mud Wt. 9.1  
 Top Packer Depth 3994 Drill Collars Run 60 Vis 67  
 Bottom Packer Depth 3999 Wt. Pipe Run - WL 6.4  
 Total Depth 4010 Chlorides 5100 ppm System LCM 2 #

Blow Description IFP - STRONG Blow in 6 min  
ISIP - SURFACE Blow BACK  
FFP - STRONG Blow in 15 min  
FSIP - SURFACE Blow BACK

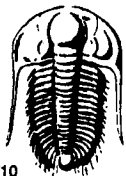
Rec	Feet of	%gas	%oil	%water	%mud
<u>180</u>	<u>GIP</u>				
<u>625</u>	<u>CO</u>				
<u>62</u>	<u>HG 6" CM</u>	<u>20</u>	<u>30</u>		<u>50</u>
<u>62</u>	<u>D+6 CMW</u>	<u>5</u>	<u>10</u>	<u>75</u>	<u>10</u>
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 749 BHT 124 Gravity 30 API RW .26 @ 89 °F Chlorides 20000 ppm  
 (A) Initial Hydrostatic 1982  Test 1225 T-On Location 0400  
 (B) First Initial Flow 40  Jars T-Started 0420  
 (C) First Final Flow 142  Safety Joint 75 T-Open 0600  
 (D) Initial Shut-In 1183  Circ Sub T-Pulled 0000  
 (E) Second Initial Flow 149  Hourly Standby T-Out 1215  
 (F) Second Final Flow 302  Mileage 52 RT 65 Comments \_\_\_\_\_  
 (G) Final Shut-In 1169  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1926  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_

Initial Open 30  
 Initial Shut-In 60  
 Final Flow 60  
 Final Shut-In 90  
 Sub Total 1265  
 Total 1360  
 MP/DST Disc't \_\_\_\_\_

Approved By Paul Gunzelman Our Representative RAY Schwager Thank you

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RECEIVED  
AUG 30 2010

## Test Ticket

NO. 040137

Well Name & No. Baughee #1-20 Test No. 6 Date 8-27-10  
 Company Murfin Drilling Co Inc Elevation 2294 KB 2289 GL  
 Address 250 N. WATER, STE 300 WICHITA, KS 67202-1216  
 Co. Rep / Geo. Paul Gunzelman Rig Murfin 16  
 Location: Sec. 20 Twp. 12<sup>s</sup> Rge. 21<sup>w</sup> Co. Trego State Ks

Interval Tested 4010-4020 Zone Tested Arbuckle  
 Anchor Length 10 Drill Pipe Run 3932 Mud Wt. 9.1  
 Top Packer Depth 4005 Drill Collars Run 60 Vis 60  
 Bottom Packer Depth 4010 Wt. Pipe Run — WL 6.4  
 Total Depth 4020 Chlorides 5100 ppm System LCM 2#

Blow Description IFP - WEAK TO STRONG IN 24 MIN  
ISIP - NO BLOW BACK  
FFP - WEAK TO STRONG IN 26 MIN  
FSIP - NO BLOW BACK

Rec	Feet of	%gas	%oil	%water	%mud
<u>30</u>	<u>mw w/show fo. l</u>			<u>70</u>	<u>30</u>
<u>435</u>	<u>WATER</u>				

Rec Total 465 BHT 124 Gravity — API RW .27 @ 82 °F Chlorides 21000 ppm  
 (A) Initial Hydrostatic 1948  Test 1225 T-On Location 1815  
 (B) First Initial Flow 20  Jars T-Started 1839  
 (C) First Final Flow 132  Safety Joint 75 T-Open 2035  
 (D) Initial Shut-In 1242  Circ Sub T-Pulled 2335  
 (E) Second Initial Flow 135  Hourly Standby T-Out 0115  
 (F) Second Final Flow 224  Mileage 52 RT 65 Comments \_\_\_\_\_  
 (G) Final Shut-In 1237  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1918  Straddle \_\_\_\_\_  
 Ruined Shale Packer \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Extra Copies \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_

Initial Open 30  
 Initial Shut-In 60  
 Final Flow 30  
 Final Shut-In 60  
 Sub Total 1365  
 Total 1365  
 MP/DST Disc't \_\_\_\_\_

Approved By Paul Gunzelman Our Representative RAY SCHWAGER *Thank you*

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