

# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

## Test Ticket

NO. 37304 13978

RECEIVED  
MAR 08 2010

Well Name & No. Maddy #4-1 BY: \_\_\_\_\_ Test No. 1 Date 3-2-10  
 Company IA Operating Inc. Elevation 2430 KB 2425 GL \_\_\_\_\_  
 Address 9915 W 21st Street North Suite B Wichita KS 67205  
 Co. Rep / Geo. Steve Miller Rig Murfin 16  
 Location: Sec. 4 Twp. 3s Rge. 24w Co. Norton State KS

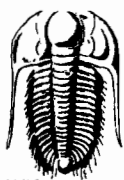
Interval Tested 3431 - 3452 Zone Tested LKC "B"  
 Anchor Length 21 Drill Pipe Run 3296 Mud Wt. 91  
 Top Packer Depth 3426 Drill Collars Run 150 Vis 48  
 Bottom Packer Depth 3431 Wt. Pipe Run - WL 7.8  
 Total Depth 3452 Chlorides 800 ppm System LCM 1/2  
 Blow Description IF: Blow built to 1/2", slowly died back to 1/4"  
ISI: Bled off, No blowback  
FF: surface blow, dead in 8 min.  
FSI: No blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>50cm</u>	<u>-</u>	<u>2</u>	<u>-</u>	<u>98</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 10 BHT 89 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic <u>1632</u>	<input type="checkbox"/> Test <u>1000</u>	T-On Location <u>8:10</u>
(B) First Initial Flow <u>12</u>	<input checked="" type="checkbox"/> Jars _____	T-Started <u>9:09</u>
(C) First Final Flow <u>29</u>	<input checked="" type="checkbox"/> Safety Joint _____	T-Open <u>10:43</u>
(D) Initial Shut-In <u>377</u>	<input checked="" type="checkbox"/> Circ Sub <u>NA</u>	T-Pulled <u>12:44</u>
(E) Second Initial Flow <u>20</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>14:00</u>
(F) Second Final Flow <u>69?</u>	<input type="checkbox"/> Mileage <u>60RT</u>	Comments <u>Some plugging on both opens</u>
(G) Final Shut-In <u>306</u>	<input checked="" type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1606</u>	<input checked="" type="checkbox"/> Straddle _____	
Initial Open <u>30</u>	<input checked="" type="checkbox"/> Shale Packer _____	<input checked="" type="checkbox"/> Ruined Shale Packer _____
Initial Shut-In <u>30</u>	<input checked="" type="checkbox"/> Extra Packer _____	<input checked="" type="checkbox"/> Ruined Packer _____
Final Flow <u>30</u>	<input checked="" type="checkbox"/> Extra Recorder _____	<input checked="" type="checkbox"/> Extra Copies <u>20</u> <u>12=75</u>
Final Shut-In <u>30</u>	<input checked="" type="checkbox"/> Day Standby _____	Sub Total <u>0</u>
	<input checked="" type="checkbox"/> Accessibility _____	Total <u>1185</u>
	Sub Total <u>1160</u>	

Approved By [Signature] Our Representative Jane Wick  
 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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## RECEIVED Test Ticket

MAR 08 2010 No. 37305

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

Well Name & No. Maddy # 4-1 Test No. 2 Date 3-2-10

Company IA Operating, Inc. Elevation 2430 KB 2425 GL \_\_\_\_\_

Address 9915 W 21<sup>st</sup> Street North Suite B Wichita KS 67205

Co. Rep / Geo. Steve Miller Rig Murfin #16

Location: Sec. 4 Twp. 3s Rge. 24w Co. Norton State KS

Interval Tested 3455 - 3470 Zone Tested LKC "C"

Anchor Length 15 Drill Pipe Run 3422 Mud Wt. 60

Top Packer Depth 3450 Drill Collars Run 30 Vis 8.9

Bottom Packer Depth 3455 Wt. Pipe Run - WL 7.8

Total Depth 3470 Chlorides 800 ppm System LCM 1/2

Blow Description IF: Blow built to BOB in 7min.

ISI: Bled off, Blowback built to 8 1/2"

FF: Blow built to BOB in 13min.

FSI: Bled off, Blowback built to 8"

Rec	Feet of	%gas	%oil	%water	%mud
<u>410</u>	<u>CGO</u>	<u>18</u>	<u>82</u>	<u>-</u>	<u>-</u>
<u>45</u>	<u>60CM</u>	<u>15</u>	<u>30</u>	<u>-</u>	<u>55</u>
<u>6 IP = 365'</u>					

Rec Total 455 Fluid 365 GIP BHT 98 Gravity 30.2 API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 1644  Test 1080 T-On Location 19:05

(B) First Initial Flow 22  Jars \_\_\_\_\_ T-Started 19:26

(C) First Final Flow 75  Safety Joint \_\_\_\_\_ T-Open 20:54

(D) Initial Shut-In 1202  Circ Sub N/A T-Pulled 23:54

(E) Second Initial Flow 80  Hourly Standby \_\_\_\_\_ T-Out 1:45

(F) Second Final Flow 128  Mileage 60RT Comments \_\_\_\_\_

(G) Final Shut-In 1171  Sampler \_\_\_\_\_

(H) Final Hydrostatic 1638  Straddle \_\_\_\_\_

Initial Open 30  Shale Packer \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_

Initial Shut-In 60  Extra Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_

Final Flow 30  Extra Recorder \_\_\_\_\_  Extra Copies \_\_\_\_\_

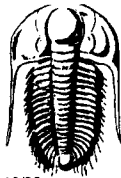
Final Shut-In 60  Day Standby \_\_\_\_\_ Sub Total 0

Accessibility \_\_\_\_\_ Total 1110

Sub Total 1110

Approved By [Signature] Our Representative [Signature]

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RECEIVED  
MAR 08 2010

## Test Ticket

NO. 37306

10/08

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

Well Name & No. Maddy #4-1 Test No. 3 Date 3-3-10

Company IA Operating, Inc. Elevation 2430 KB 2425 GL \_\_\_\_\_

Address 9915 W 21<sup>ST</sup> Street North Suite B Wichita, KS 67205

Co. Rep / Geo. Steve Miller Rig Murfin #16

Location: Sec. 4 Twp. 3s Rge. 24w Co. Norton State KS

Interval Tested 3493 - 3506 Zone Tested LKC "E"

Anchor Length 13 Drill Pipe Run 3455 Mud Wt. 9.1

Top Packer Depth 3488 Drill Collars Run 30 Vis 63

Bottom Packer Depth 3493 Wt. Pipe Run - WL 7.6

Total Depth 3506 Chlorides 900 ppm System LCM 1

Blow Description IF: Blow built to 2"

ISI: Bled off, No blowback

FF: Flushed tool, blow built to 1 1/2"

FSI: Bled off, No blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>MCW w/trace oil</u>	<u>-</u>	<u>trace</u>	<u>78</u>	<u>22</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 40 BHT 93 Gravity - API RW .169 @ 62.3° F Chlorides 52,000 ppm

(A) Initial Hydrostatic 1674  Test \* 1060- T-On Location 7:40

(B) First Initial Flow 12  Jars \_\_\_\_\_ T-Started 8:03

(C) First Final Flow 27  Safety Joint \_\_\_\_\_ T-Open 9:41

(D) Initial Shut-In 1269  Circ Sub \*NA T-Pulled 12:41

(E) Second Initial Flow 28  Hourly Standby \_\_\_\_\_ T-Out 13:50

(F) Second Final Flow 34  Mileage 60RT Comments Tool slid 5'

(G) Final Shut-In 1268  Sampler \_\_\_\_\_ to bottom before

(H) Final Hydrostatic 1646  Straddle \_\_\_\_\_ open

Initial Open 30  Shale Packer \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_

Initial Shut-In 60  Extra Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_

Final Flow 30  Extra Recorder \_\_\_\_\_  Extra Copies \_\_\_\_\_

Final Shut-In 60  Day Standby \_\_\_\_\_ Sub Total 8

Sub Total 1110- Total 1110-

Approved By [Signature]

Our Representative James Winder

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RECEIVED  
MAR 08 2010

## Test Ticket

NO. 37307

10/08

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

Well Name & No. Maddy #4-1 Test No. 4 Date 3-4-10  
 Company IA Operating Inc Elevation 2430 KB 2425 GL  
 Address 9915 W 21st Street North Suite B Wichita ks 67205  
 Co. Rep / Geo. Steve Miller Rig Murfin #16  
 Location: Sec. 4 Twp. 3s Rge. 24w Co. Norton State KS

Interval Tested 3534 - 3584 Zone Tested LKC "I-J"  
 Anchor Length 50 Anchor 136 Tail Drill Pipe Run 3456 Mud Wt. 9.1  
 Top Packer Depth 3529 - 3534 Drill Collars Run 30 Vis 63  
 Bottom Packer Depth 3584 Wt. Pipe Run - WL 7.6  
 Total Depth 3720 Chlorides 900 ppm System LCM 1#

Blow Description IP Blow built to 10 1/2"  
ISI: Bled off, Blowback built to 1/2", dieing back @ 25 min., dead @ 46 min.  
FF: Blow built to BOB in 21 min.  
FSI: Bled off, Blowback built to 2 1/2", on/off blow after 40 min @ 2 1/2"

Rec	Feet of	%gas	%oil	%water	%mud
<u>160</u>	<u>60cm</u>	<u>9</u>	<u>28</u>	<u>-</u>	<u>63</u>
Rec	Feet of <u>GIP = 150'</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 160 Fluid 150 GIP BHT 93 Gravity - API RW - @ - °F Chlorides - ppm

(A) Initial Hydrostatic 1731  Test 1050 T-On Location 16:50  
 (B) First Initial Flow 14  Jars \_\_\_\_\_ T-Started 18:17  
 (C) First Final Flow 57  Safety Joint \_\_\_\_\_ T-Open 20:23  
 (D) Initial Shut-In 1234  Circ Sub \*NA T-Pulled 23:54  
 (E) Second Initial Flow 56  Hourly Standby \_\_\_\_\_ T-Out 1:45  
 (F) Second Final Flow 80  Mileage 60RT Comments \_\_\_\_\_  
 (G) Final Shut-In 1229  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 1724  Straddle \*600 \_\_\_\_\_  
 Shale Packer \*250 \_\_\_\_\_  
 Ruined Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  
 Ruined Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  
 Extra Copies \_\_\_\_\_  
 Day Standby \_\_\_\_\_  
 Accessibility \_\_\_\_\_  
 Sub Total 1960 Sub Total 1960  
 Initial Open 30  
 Initial Shut-In 60  
 Final Flow 30  
 Final Shut-In 90  
 Sub Total 1960

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**CHART PAGE**

This is a photocopy of the actual AK-1 recorder chart

