

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

SEP 08 2010

Test Ticket

NO. 039652 14742

4/10

Well Name & No. Hess-Caldwater #1-32 Test No. #1 Date 9/6/10
 Company Grand Mesa Elevation 2965 KB 2960 GL
 Address 1700 N. Walnut Street P.O. Box 600, Wichita, KS, 67206
 Co. Rep / Geo Steve Carh Rig Muffin #24
 Location: Sec. 32 Twp. 13E Rge. 31W Co. Gove State Ks

Interval Tested 4526 4591 Zone Tested Krebs - Johnson
 Anchor Length 65 Drill Pipe Run 4397 Mud Wt. 9.0
 Top Packer Depth 4521 Drill Collars Run 120' Vis 67
 Bottom Packer Depth 4526 Wt. Pipe Run --- WL 7.2
 Total Depth 4591 Chlorides 2200 ppm System LCM #5

Blow Description 1/8" blow, died in 20 min
No return
No blow
No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>3'</u>	<u>Heavy mud</u>			<u>100%</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 3' BHT 116° Gravity --- API RW --- @ ---° F Chlorides --- ppm

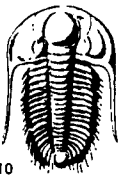
(A) Initial Hydrostatic <u>2260</u>	<input checked="" type="checkbox"/> Test <u>1225</u>	T-On Location <u>11:20</u>
(B) First Initial Flow <u>35</u>	<input checked="" type="checkbox"/> Jars <u>250</u>	T-Started <u>12:10</u>
(C) First Final Flow <u>32</u>	<input checked="" type="checkbox"/> Safety Joint <u>75</u>	T-Open <u>14:37</u>
(D) Initial Shut-In <u>469</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/A</u>	T-Pulled <u>18:22</u>
(E) Second Initial Flow <u>33</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>20:25</u>
(F) Second Final Flow <u>35</u>	<input checked="" type="checkbox"/> Mileage <u>66RT 82.50</u>	Comments
(G) Final Shut-In <u>538</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>2127</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>1632.50</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1632.50</u>	

Initial Open 30
 Initial Shut-In 45
 Final Flow 60
 Final Shut-In 90

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.



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 039653

RECEIVED
SEP 08 2010

Well Name & No. Hess Coldwater #1-32 Test No. #2 Date 9/7/10
 Company Grand Mesa Elevation 2965 KB 2960 GL
 Address 1700 N. Hartford PKWY BLDG 600 Wichita, KS
 Co. Rep / Geo. Steve Carl Rig Mission #24
 Location: Sec. 32 Twp. 135 Rge. 31w Co. Govt State KS

Interval Tested 4588 4618 Zone Tested Morrow
 Anchor Length 30 Drill Pipe Run 4459 Mud Wt. 9.0
 Top Packer Depth 4583 Drill Collars Run 120' Vis 6.6
 Bottom Packer Depth 4588 Wt. Pipe Run --- WL 8.0
 Total Depth 4618 Chlorides 2200 ppm System LCM HL

Blow Description Weak blow dead on 5min
No return
No blow
No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>5'</u>	<u>SOCM</u>		<u>3</u>		<u>97</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

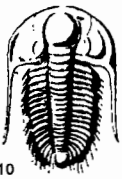
Rec Total 5' BHT 116° Gravity --- API RW --- @ --- °F Chlorides --- ppm

(A) Initial Hydrostatic 2332 Test 1225 T-On Location 03:05
 (B) First Initial Flow 18 Jars 250 T-Started 03:35
 (C) First Final Flow 24 Safety Joint 75 T-Open 05:37
 (D) Initial Shut-In 1090 Circ Sub N/C T-Pulled 07:37
 (E) Second Initial Flow 45 Hourly Standby --- T-Out 09:45
 (F) Second Final Flow 39 Mileage 66 RT 82.50 Comments ---
 (G) Final Shut-In 924 Sampler ---
 (H) Final Hydrostatic 2144 Straddle ---
 Shale Packer ---
 Extra Packer ---
 Extra Recorder ---
 Day Standby ---
 Accessibility ---

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30
 Sub Total 1632.50
 Total 1632.50
 MP/DST Disc't ---

Approved By [Signature] Our Representative [Signature]

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

SEP 10 2010

Test Ticket

NO. 039654

Well Name & No. Hess Coldwater #1-32 Test No. #3 Date 9/7/10
 Company Grand Mesa Elevation 2965 KB 2960 GL
 Address 1700 N Waterfront PKWY BLDG 600 Wichita Ks
 Co. Rep / Geo. Steve Cook Rig Murphy #24
 Location: Sec. 32 Twp. 13 S Rge. 31 W Co. Cove State KS

Interval Tested 4386 4647 Zone Tested Marrow
 Anchor Length 61 Drill Pipe Run _____ Mud Wt. 9.1
 Top Packer Depth 4381 Drill Collars Run 120' Vis Clear
 Bottom Packer Depth 4386 Wt. Pipe Run _____ WL 8.0
 Total Depth 4647 Chlorides 2500 ppm System LCM #60
 Blow Description 1/2" in blow died back to 1/4" in
No return
No blow
No return

Rec	Feet of	%gas	%oil	%water	%mud
10'	<u>mud (Heavy)</u>				100%

Rec Total 10' BHT 116° Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm

(A) Initial Hydrostatic <u>2326</u>	<input checked="" type="checkbox"/> Test <u>1225-</u>	T-On Location <u>17:50</u>
(B) First Initial Flow <u>41</u>	<input checked="" type="checkbox"/> Jars <u>250-</u>	T-Started <u>18:25</u>
(C) First Final Flow <u>46</u>	<input checked="" type="checkbox"/> Safety Joint <u>75-</u>	T-Open <u>20:27</u>
(D) Initial Shut-In <u>980</u>	<input checked="" type="checkbox"/> Circ Sub <u>N/C</u>	T-Pulled <u>22:27</u>
(E) Second Initial Flow <u>51</u>	<input type="checkbox"/> Hourly Standby _____	T-Out _____
(F) Second Final Flow <u>72</u>	<input checked="" type="checkbox"/> Mileage <u>46 RT 82.5°</u>	Comments _____
(G) Final Shut-In <u>869</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>2162</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>1632.50</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1632.50</u>	

Initial Open 30
 Initial Shut-In 30
 Final Flow 30
 Final Shut-In 30
 Approved By [Signature]

Our Representative [Signature]

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