



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 37198 13930

Well Name & No. Charles #1 Test No. 1 Date 2-17-10
 Company Hess Oil Company Elevation 2284 KB 2279 GL
 Address PO Box 1009 McPherson KS 67460
 Co. Rep / Geo. Bryan Hess / James Hess Rig Mallard
 Location: Sec. 33 Twp. 22S Rge. 23W Co. Hodgeman State KS

Interval Tested 4515 - 4570 Zone Tested MISS
 Anchor Length 55 Drill Pipe Run _____ Mud Wt. 9.3
 Top Packer Depth 4510 Drill Collars Run 245 Vis 48
 Bottom Packer Depth 4515 Wt. Pipe Run _____ WL 9.4
 Total Depth 4570 Chlorides 5000 ppm System LCM

Blow Description FF - 1/2" blow did back to 3/4"
FSI - No blow
FF - No blow
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Free oil</u>				
<u>65</u>	<u>SOCM</u>	<u>10</u>		<u>90</u>	

Rec Total 70 BHT 116 Gravity 29 API RW @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 2207
 (B) First Initial Flow 28
 (C) First Final Flow 47
 (D) Initial Shut-In 104
 (E) Second Initial Flow 46
 (F) Second Final Flow 45
 (G) Final Shut-In 71
 (H) Final Hydrostatic 2146

☒ Test 1150
☐ Jars _____
☒ Safety Joint 75
☐ Circ Sub _____
☐ Hourly Standby _____
☒ Mileage 90x2
☐ Sampler _____
☐ Straddle _____
☐ Shale Packer _____
☐ Extra Packer _____
☐ Extra Recorder _____
☐ Day Standby _____
☐ Accessibility _____
 Sub Total 1405

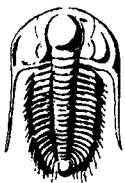
T-On Location 17:50
 T-Started 18:06
 T-Open 20:37
 T-Pulled 23:37
 T-Out 1:30
 Comments _____
☐ Ruined Shale Packer _____
☒ Ruined Packer 2605
☐ Extra Copies _____
 Sub Total 2605
 Total 16605

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

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

RECEIVED
FEB 22 2010

Test Ticket

NO. 37199

BY: _____

Well Name & No. Charles #1 Test No. 2 Date 2-18-10
Company Hess Oil Company Elevation 2284 KB 2279 GL
Address PO Box 1009 McPherson KS 67460
Co. Rep / Geo. James Hess Rig Mallard
Location: Sec. 33 Twp. 22s Rge. 23w Co. Hodgeman State KS

Interval Tested 4521 - 4581 Zone Tested MISS
Anchor Length 60 Drill Pipe Run _____ Mud Wt. 9.3
Top Packer Depth 4516 Drill Collars Run 245 Vis 45
Bottom Packer Depth 4521 Wt. Pipe Run _____ WL 9.4
Total Depth 4581 Chlorides 3800 ppm System LCM _____
Blow Description IF - 5 1/4 in blow
ISF - No blow
OF - 3/4 in blow
FSF - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>40</u>	<u>Free Oil</u>	<u>15</u>	<u>85</u>		
<u>185</u>	<u>OCM</u>		<u>25</u>		<u>75</u>
____	____	____	____	____	____
____	____	____	____	____	____
____	____	____	____	____	____
Rec Total <u>225</u>	BHT <u>117</u>	Gravity <u>35</u>	API RW _____	@ _____ °F	Chlorides _____ ppm

(A) Initial Hydrostatic 2261
(B) First Initial Flow 23
(C) First Final Flow 76
(D) Initial Shut-In 906
(E) Second Initial Flow 81
(F) Second Final Flow 108
(G) Final Shut-In 712
(H) Final Hydrostatic 2145

☒ Test 1150'
☐ Jars _____
☒ Safety Joint 75'
☐ Circ Sub _____
☐ Hourly Standby _____
☒ Mileage 90x2 180'
☐ Sampler _____
☐ Straddle _____
☐ Shale Packer _____
☐ Extra Packer _____
☐ Extra Recorder _____
☐ Day Standby _____
☐ Accessibility _____
Sub Total 1405

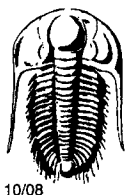
T-On Location 5:50
T-Started 6:13
T-Open 10:05
T-Pulled 13:05
T-Out 15:13
Comments _____
☐ Ruined Shale Packer _____
☐ Ruined Packer _____
☐ Extra Copies _____
Sub Total 0
Total 1405

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

Approved By _____

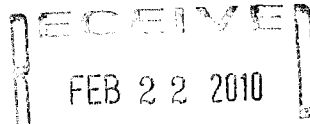
Our Representative Burt J. ...

Triobite 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. 37200

Well Name & No. Charles #1 Test No. 3 Date 2-18-10
 Company Hess Oil Co. Elevation 2284 KB 2279 GL
 Address PO Box 1009 McPherson KS 67460
 Co. Rep / Geo. James Hess Rig Mallard
 Location: Sec. 33 Twp. 22S Rge. 23W Co. Hodgeman State KS

Interval Tested 4540-4592 Zone Tested MISS
 Anchor Length 52 Drill Pipe Run _____ Mud Wt. 9.3
 Top Packer Depth 4535 Drill Collars Run 245 Vis 48
 Bottom Packer Depth 4540 Wt. Pipe Run _____ WL 9.4
 Total Depth 4592 Chlorides 3000 ppm System LCM _____
 Blow Description Miss-Run

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	Feet of	%gas	%oil	%water	%mud

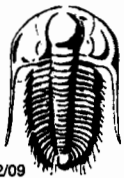
Rec Total _____ BHT _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic _____	☒ Test <u>950</u>	T-On Location <u>19:20</u>
(B) First Initial Flow _____	☐ Jars _____	T-Started <u>20:12</u>
(C) First Final Flow _____	☒ Safety Joint <u>75</u>	T-Open <u>5</u>
(D) Initial Shut-In _____	☐ Circ Sub _____	T-Pulled _____
(E) Second Initial Flow _____	☐ Hourly Standby _____	T-Out <u>5</u>
(F) Second Final Flow _____	☒ Mileage <u>90x2 180</u>	Comments _____
(G) Final Shut-In _____	☐ Sampler _____	_____
(H) Final Hydrostatic _____	☐ Straddle _____	_____
Initial Open _____	☐ Shale Packer _____	☐ Ruined Shale Packer _____
Initial Shut-In _____	☐ Extra Packer _____	☐ Ruined Packer _____
Final Flow _____	☐ Extra Recorder _____	☐ Extra Copies _____
Final Shut-In _____	☐ Day Standby _____	Sub Total <u>0</u>
	☐ Accessibility _____	Total <u>1205</u>
	Sub Total <u>1205</u>	

Approved By _____

Our Representative _____

TriLOBITE TESTING INC. shall not be liable for damaged or 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

RECEIVED
FEB 22 2010

Test Ticket

NO. 38226

Well Name & No. Charles #1 Test No. 4 Date 2-19-10
 Company Hess O.I. Co. Elevation 2284 KB 2279 GL
 Address PO Box 1009 McPherson KS 67460
 Co. Rep / Geo. James Hess Rig McHard
 Location: Sec. 33 Twp. 22S Rge. 23W Co. Hodgeman State KS

Interval Tested ~~4520-4592~~ Zone Tested Miss
 Anchor Length 72 Drill Pipe Run _____ Mud Wt. 9.3
 Top Packer Depth ~~4515~~ Drill Collars Run ~~183~~ Vis 48
 Bottom Packer Depth ~~4520~~ Wt. Pipe Run _____ WL 9.4
 Total Depth 4592 Chlorides 3,000 ppm System LCM _____
 Blow Description IF - 3 1/2 in blow
ISF - No blow
FF - 1 in blow
FSI - No blow

Rec <u>145</u>	Feet of <u>V50CM</u>	%gas <u>5</u>	%oil	%water <u>95</u>	%mud
Rec <u>60</u>	Feet of <u>50CM</u>	%gas <u>10</u>	%oil	%water <u>90</u>	%mud
Rec <u>5</u>	Feet of <u>Free O.I.</u>	<u>5</u> %gas <u>95</u>	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud
Rec _____	Feet of _____	%gas	%oil	%water	%mud

Rec Total 260 BHT 121 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm
 (A) Initial Hydrostatic 2188 ☒ Test 1150 T-On Location 19.20
 (B) First Initial Flow 35 ☐ Jars _____ T-Started ~~2~~
 (C) First Final Flow 109 ☒ Safety Joint 75 T-Open 2:48
 (D) Initial Shut-In 6337 ☐ Circ Sub _____ T-Pulled 5:48
 (E) Second Initial Flow 115 ☐ Hourly Standby _____ T-Out 8:08
 (F) Second Final Flow 136 ☒ Mileage 90x2 Comments _____
 (G) Final Shut-In 1234 ☐ Sampler _____
 (H) Final Hydrostatic 2162 ☐ Straddle _____

Initial Open 45 ☐ Shale Packer _____ ☐ Ruined Shale Packer _____
 Initial Shut-In 45 ☐ Extra Packer _____ ☐ Ruined Packer _____
 Final Flow 45 ☐ Extra Recorder _____ ☐ Extra Copies _____
 Final Shut-In 45 ☐ Day Standby _____ Sub Total 0
☐ Accessibility _____ Total 1225
 Sub Total 1225

Approved By [Signature] Our Representative [Signature]

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.



P.O. Box 1733 • Hays, Kansas 67601

FEB 22 2010

NO. 38227

☐ Ruined Shale Packer _____

☐ Ruined Packer _____

☐ Extra Copies _____

Sub Total Ø

Total 1405 -

Our Representative Ernst P. Schumacher

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.