

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED

MAY 20 2011

Test Ticket

NO. 04200715770

Well Name & No. Hofaker A #2 Test No. 1 Date 5-12-11
 Company John O Farmer, Inc Elevation 2103 KB 2095 GL
 Address 370 W. Wichita Ave. PO Box 352 Russell, KS 67665
 Co. Rep / Geo. Randy Killian Rig Discovery #1
 Location: Sec. 18 Twp. 4s Rge. 20w Co. Neorton-Phillips State KS

Interval Tested 3287 - 3329 Zone Tested Toronto
 Anchor Length 42 Drill Pipe Run 3267 Mud Wt. 8.9
 Top Packer Depth 3282 Drill Collars Run 31 Vis 78
 Bottom Packer Depth 3287 Wt. Pipe Run - WL 7.6
 Total Depth 3329 Chlorides 1000 ppm System LCM 2

Blow Description IF: Blow built to 2"
ISI: No blowback
FF: Blow started at 6 min., built to 1 1/2"
FSI: No blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>60</u>	<u>Mud w/trace of oil</u>	<u>-</u>	<u>trace</u>	<u>-</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	Feet of	%gas	%oil	%water	%mud

Rec Total 60 BHT 95 Gravity - API RW - @ - ° F Chlorides - ppm

(A) Initial Hydrostatic	<u>1545</u>	☐ Test <u>* 1125</u>	T-On Location	<u>10:25</u>
(B) First Initial Flow	<u>12</u>	☒ Jars	T-Started	<u>11:21</u>
(C) First Final Flow	<u>30</u>	☒ Safety Joint	T-Open	<u>12:51</u>
(D) Initial Shut-In	<u>1148</u>	☒ Circ Sub <u>ANA</u>	T-Pulled	<u>15:52</u>
(E) Second Initial Flow	<u>31</u>	☒ Hourly Standby	T-Out	<u>17:10</u>
(F) Second Final Flow	<u>38</u>	☐ Mileage <u>128RT 179.20</u>	Comments	
(G) Final Shut-In	<u>1151</u>	☒ Sampler		
(H) Final Hydrostatic	<u>1539</u>	☒ Straddle		

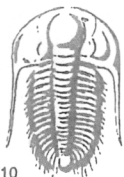
Initial Open 30
 Initial Shut-In 30
 Final Flow 60
 Final Shut-In 60

☒ Ruined Shale Packer
☒ Ruined Packer
☒ Extra Copies
 Sub Total 0
 Total 1304.20
 MP/DST Disc't
 Sub Total 1304.20

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.



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RECEIVED
MAY 20 2011

Test Ticket

NO. 042008

BY: _____

Well Name & No. Hofaker A #2 Test No. 2 Date 5-13-11
 Company John O Farmer, Inc Elevation 2103 KB 2095 GL
 Address 370 W. Wichita Ave PO Box 352 Russell, KS 67665
 Co. Rep / Geo. Randy Killian Rig Discovery #1
 Location: Sec. 18 Twp. 4s Rge. 20w Co. Phillips State KS

Interval Tested 3325 - 3400 Zone Tested LKC "A-D"
 Anchor Length 75 Drill Pipe Run 3297 Mud Wt. 9.1
 Top Packer Depth 3320 Drill Collars Run 31 Vis 66
 Bottom Packer Depth 3325 Wt. Pipe Run - WL 7.6
 Total Depth 3400 Chlorides 1500 ppm System LCM 2

Blow Description IF: Blow built to BOB (11") in 15 min.
ISI: No blowback
FF: Blow built to BOB in 20 min.
FSI: No blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>162</u>	<u>mw w/trace of oil</u>	<u>trace</u>	<u>57</u>	<u>43</u>	
<u>186</u>	<u>MCW w/trace of oil</u>	<u>trace</u>	<u>81</u>	<u>19</u>	
<u>62</u>	<u>mw w/trace of oil</u>	<u>trace</u>	<u>50</u>	<u>50</u>	

Rec Total 410 BHT 97 Gravity - API RW .326 @ 52.2 °F Chlorides 29,000 ppm
 (A) Initial Hydrostatic 1591 ☐ Test 1125 T-On Location 2:40
 (B) First Initial Flow 25 ☒ Jars T-Started 3:08
 (C) First Final Flow 101 ☒ Safety Joint T-Open 4:47
 (D) Initial Shut-In 1183 ☒ Circ Sub ANA T-Pulled 7:50
 (E) Second Initial Flow 100 ☒ Hourly Standby T-Out 9:30
 (F) Second Final Flow 208 ☐ Mileage 128 RT 179.20 Comments _____
 (G) Final Shut-In 1147 ☒ Sampler _____
 (H) Final Hydrostatic 1574 ☒ Straddle _____

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

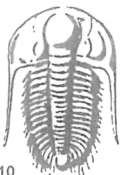
☒ Shale Packer
☒ Extra Packer
☒ Extra Recorder
☒ Day Standby
☒ Accessibility
 Sub Total 1304.20

☒ Ruined Shale Packer
☒ Ruined Packer
☒ Extra Copies
 Sub Total 0
 Total 1304.20
 MP/DST Disc't _____

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Our Representative [Signature]

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P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAY 20 2011

Test Ticket

NO. 042009

BY: _____

Well Name & No. Hofaker A#2 Test No. 3 Date 5-13-11
 Company John O Farmer Inc. Elevation 2103 KB 2095 GL
 Address 370 W. Wichita Ave PO Box 352 Russell, KS 67665
 Co. Rep / Geo. Randy Killian Rig Discovery #1
 Location: Sec. 18 Twp. 4s Rge. 20w Co. Phillips State KS

Interval Tested 3392-3415 Zone Tested LKC "F"
 Anchor Length 23 Drill Pipe Run 3360 Mud Wt. 9.1
 Top Packer Depth 3387 Drill Collars Run 31 Vis 66
 Bottom Packer Depth 3392 Wt. Pipe Run - WL 7.6
 Total Depth 3415 Chlorides 1500 ppm System LCM 2

Blow Description IF: Blow built to BOB (11") in 3 3/4 min.
IST: Blowback built to 1/4"
FF: Blow built to BOB in 4 1/2 min.
FSI: No blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>135</u>	<u>mcw</u>	-	-	<u>76</u>	<u>24</u>
<u>560</u>	<u>mcw</u>	-	-	<u>90</u>	<u>10</u>
<u>700</u>	<u>Water</u>	-	-	<u>98</u>	<u>2</u>
<u>Rec</u>	<u>Feet of</u>	<u>%gas</u>	<u>%oil</u>	<u>%water</u>	<u>%mud</u>
	<u>Trace of oil in very top</u>				
<u>Rec</u>	<u>Feet of</u>	<u>%gas</u>	<u>%oil</u>	<u>%water</u>	<u>%mud</u>

Rec Total 1395 BHT 98 Gravity - API RW .329 @ 56 °F Chlorides 26,000 ppm
 (A) Initial Hydrostatic 1620 ☐ Test ★ 1125 T-On Location 13:50
 (B) First Initial Flow 41 ☒ Jars - T-Started 14:40
 (C) First Final Flow 304 ☒ Safety Joint - T-Open 16:02
 (D) Initial Shut-In 1188 ☒ Circ Sub ★NA T-Pulled 19:03
 (E) Second Initial Flow 307 ☒ Hourly Standby - T-Out 21:00
 (F) Second Final Flow 667 ☐ Mileage 128 RT 179.20 Comments _____
 (G) Final Shut-In 1173 ☒ Sampler _____
 (H) Final Hydrostatic 1614 ☒ Straddle _____

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

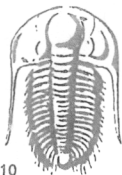
☒ Shale Packer _____
☒ Extra Packer _____
☒ Extra Recorder _____
☒ Day Standby _____
☒ Accessibility _____
 Sub Total 1304.20

☒ Ruined Shale Packer _____
☒ Ruined Packer _____
☒ Extra Copies _____
 Sub Total 0
 Total 1304.20
 MP/DST Disc't _____

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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601 BY: _____

RECEIVED

MAY 20 2011

Test Ticket

NO. 042010

Well Name & No. Hofaker A #2 Test No. 4 Date 5-14-11
 Company John O Farmer Inc Elevation 2103 KB 2095 GL
 Address 370 W. Wichita Ave PO Box 352 Russell, KS 67665
 Co. Rep / Geo. Randy Killian Rig Discovery #1
 Location: Sec. 18 Twp. 4s Rge. 20w Co. Phillips State KS

Interval Tested 3437 - 3530 Zone Tested LKC "H-L"
 Anchor Length 93 Drill Pipe Run 3391 Mud Wt. 9.2
 Top Packer Depth 3432 Drill Collars Run 31 Vis 57
 Bottom Packer Depth 3437 Wt. Pipe Run - WL 7.6
 Total Depth 3530 Chlorides 2000 ppm System LCM 2

Blow Description IF: Blow built to BOB (11") in 16 3/4 min.

ISI: No blowback

FF: Blow built to BOB in 20 min.

FSI: Blowback built to 1 1/4"

Rec	Feet of	%gas	%oil	%water	%mud
35	CO	8	85	-	7
70	OCm	3	10	-	87
125	OWcm	5	4	29	62
90	MCW	-	1	75	24
30	SO/Wcm	3	3	32	62

Rec Total 350 BHT 96 Gravity 23.8 API RW 246 @ 67.5 °F Chlorides 30,000 ppm

(A) Initial Hydrostatic 1639
 (B) First Initial Flow 20
 (C) First Final Flow 88
 (D) Initial Shut-In 1106
 (E) Second Initial Flow 95
 (F) Second Final Flow 178
 (G) Final Shut-In 1060
 (H) Final Hydrostatic 1607

☐ Test 1125
☒ Jars
☒ Safety Joint
☒ Circ Sub AN/A
☒ Hourly Standby
☐ Mileage 128 RT 179.20
☒ Sampler
☒ Straddle
☒ Shale Packer
☒ Extra Packer
☒ Extra Recorder
☒ Day Standby
☒ Accessibility
 Sub Total 1304.20

T-On Location 8:25
 T-Started 8:42
 T-Open 9:56
 T-Pulled 12:59
 T-Out 14:45
 Comments Tool slid 5'-6' to bottom before opening - No mud loss
☒ Ruined Shale Packer
☒ Ruined Packer
☒ Extra Copies
 Sub Total 0
 Total 1304.20
 MP/DST Disc't _____

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

Approved By [Signature]

Our Representative [Signature]

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