



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

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BY: _____

Test Ticket

NO. 040953 15023

Well Name & No. Joy #18-1 Test No. 1 Date 11-6-10
 Company Tomlinson Operating LLC Elevation 2219 KB 2311 GL
 Address 7154 W. STATE ST. PMB 302 Boise ID 83714
 Co. Rep / Geo. Bob O'Deill Rig Southwind #1
 Location: Sec. 18 Twp. 12 Rge. 18 Co. Ellis State KS

Interval Tested 3487 — 3565 Zone Tested B-C-D LKC
 Anchor Length 78 Drill Pipe Run 3474 Mud Wt. 9
 Top Packer Depth 3482 Drill Collars Run — Vis 46
 Bottom Packer Depth 3487 Wt. Pipe Run — WL 8.8
 Total Depth 3565 Chlorides 0000 ppm System LCM 1/2#
 Blow Description I.F. Weak-died in 25 min.

F.F. No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>10</u>	<u>Drlg Mod</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 101 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1755</u>	<input type="checkbox"/> Test <u>1125</u>	T-On Location <u>20:30</u>
(B) First Initial Flow <u>17</u>	<input checked="" type="checkbox"/> Jars <u>X 250'</u>	T-Started <u>23:00</u>
(C) First Final Flow <u>20</u>	<input checked="" type="checkbox"/> Safety Joint <u>X 75</u>	T-Open <u>00:45</u>
(D) Initial Shut-In <u>461</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>02:45</u>
(E) Second Initial Flow <u>20</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>04:01</u>
(F) Second Final Flow <u>23</u>	<input checked="" type="checkbox"/> Mileage <u>29 RT 30.25</u>	Comments _____
(G) Final Shut-In <u>361</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1634</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby _____	Total <u>1486.25</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1486.25</u>	

Approved By _____ Our Representative Don Rangle
 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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Test Ticket

NO. 040954

Well Name & No. Joy #18-1 Test No. 2 Date 11-7-10
 Company Tomlinson Operating LLC Elevation 2219 KB 2211 GL
 Address _____
 Co. Rep / Geo. Bob O'Dell Rig Southwind #1
 Location: Sec. 18 Twp. 12 Rge. 18 Co. Ellis State K5

Interval Tested 3563 - 3586 Zone Tested E-F LKC
 Anchor Length 23 Drill Pipe Run 3565' Mud Wt. 9.1
 Top Packer Depth 3558 Drill Collars Run - Vis 47
 Bottom Packer Depth 3563 Wt. Pipe Run - WL 9.6
 Total Depth 3586 Chlorides 6,000 ppm System LCM 1/2#
 Blow Description E.F. Weak steady surface blow

E.F. Weak steady surface blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud w/oil spots</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 _____ Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1772</u>	<input type="checkbox"/> Test <u>1125'</u>	T-On Location <u>09:45'</u>
(B) First Initial Flow <u>20</u>	<input checked="" type="checkbox"/> Jars <u>X 250'</u>	T-Started <u>09:55'</u>
(C) First Final Flow <u>20</u>	<input checked="" type="checkbox"/> Safety Joint <u>X 75'</u>	T-Open <u>11:20</u>
(D) Initial Shut-In <u>33</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>13:20</u>
(E) Second Initial Flow <u>19</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>14:37</u>
(F) Second Final Flow <u>19</u>	<input type="checkbox"/> Mileage <u>29 RT 36.25</u>	Comments _____
(G) Final Shut-In <u>23</u>	<input type="checkbox"/> Sampler _____	<input type="checkbox"/> Ruined Shale Packer _____
(H) Final Hydrostatic <u>1715'</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Extra Copies _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	Sub Total <u>0</u>
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Total <u>1486.25</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby _____	MP/DST Disc't _____
	<input type="checkbox"/> Accessibility _____	
	Sub Total <u>1486.25</u>	

Approved By _____

Our Representative Dan Baugle

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Test Ticket

NO. 040955

Well Name & No. Joy #18-1 Test No. 3 Date 11-8-10
 Company Tomlinson Operating LLC Elevation 2219 KB 2211 GL
 Address _____
 Co. Rep / Geo. Bob O'Dell Rig Southwind #1
 Location: Sec. 18 Twp. 12 Rge. 18 Co. Ellis State Ks

Interval Tested 3638 — 3720 Zone Tested F-J-K LKC
 Anchor Length 82 Drill Pipe Run 3631 Mud Wt. 9.1
 Top Packer Depth 3633 Drill Collars Run — Vis 47
 Bottom Packer Depth 3638 Wt. Pipe Run — WL 9.6
 Total Depth 3720 Chlorides 6,200 ppm System LCM 1/2#
 Blow Description I.F. Weak - died in 20 min.

F.F. No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud w/oil spots</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 0 BHT 102 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1813</u>	<input type="checkbox"/> Test <u>1125'</u>	T-On Location <u>04:40</u>
(B) First Initial Flow <u>21</u>	<input checked="" type="checkbox"/> Jars <u>X 250'</u>	T-Started <u>05:15</u>
(C) First Final Flow <u>20</u>	<input checked="" type="checkbox"/> Safety Joint <u>X 75'</u>	T-Open <u>06:40</u>
(D) Initial Shut-In <u>38</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>08:40</u>
(E) Second Initial Flow <u>18</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>09:58</u>
(F) Second Final Flow <u>18</u>	<input type="checkbox"/> Mileage <u>29 RT 3025</u>	Comments _____
(G) Final Shut-In <u>29</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1751</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby _____	Total <u>1486.25</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1486.25</u>	

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Test Ticket

NO. 040956

Well Name & No. Joy # 18-1 Test No. 4 Date 11-9-10
 Company Tomlinson Operating LLC Elevation 2219 KB 2211 GL
 Address _____
 Co. Rep / Geo. Bob O'Dell Rig Southwind #1
 Location: Sec. 18 Twp. 12 Rge. 18 Co. Ellis State KS

Interval Tested 3751 — 3850 Zone Tested Comp
 Anchor Length 99 Drill Pipe Run 3724 Mud Wt. 9
 Top Packer Depth 3746 Drill Collars Run — Vis 52
 Bottom Packer Depth 3751 Wt. Pipe Run — WL 8.8
 Total Depth 3850 Chlorides 7,000 ppm System LCM 1/2#
 Blow Description I.F. Weak-died in 20 min.

F.F. No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud w/oil spots</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 103 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>1860</u>	<input type="checkbox"/> Test <u>1125'</u>	T-On Location <u>00:10</u>
(B) First Initial Flow <u>16</u>	<input checked="" type="checkbox"/> Jars <u>X 250'</u>	T-Started <u>00:43</u>
(C) First Final Flow <u>19</u>	<input checked="" type="checkbox"/> Safety Joint <u>X 75'</u>	T-Open <u>02:15</u>
(D) Initial Shut-In <u>221</u>	<input type="checkbox"/> Circ Sub _____	T-Pulled <u>04:15</u>
(E) Second Initial Flow <u>20</u>	<input type="checkbox"/> Hourly Standby _____	T-Out <u>05:47</u>
(F) Second Final Flow <u>22</u>	<input checked="" type="checkbox"/> Mileage <u>29 RT 36 25</u>	Comments _____
(G) Final Shut-In <u>119</u>	<input type="checkbox"/> Sampler _____	
(H) Final Hydrostatic <u>1855</u>	<input type="checkbox"/> Straddle _____	<input type="checkbox"/> Ruined Shale Packer _____
Initial Open <u>30</u>	<input type="checkbox"/> Shale Packer _____	<input type="checkbox"/> Ruined Packer _____
Initial Shut-In <u>30</u>	<input type="checkbox"/> Extra Packer _____	<input type="checkbox"/> Extra Copies _____
Final Flow <u>30</u>	<input type="checkbox"/> Extra Recorder _____	Sub Total <u>0</u>
Final Shut-In <u>30</u>	<input type="checkbox"/> Day Standby _____	Total <u>1486.25</u>
	<input type="checkbox"/> Accessibility _____	MP/DST Disc't _____
	Sub Total <u>1486.25</u>	

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