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TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED
MAY 23 2011

Test Ticket

NO. 43851 15792

Well Name & No. States Unit #1 Test No. 1 Date 5-20-11
Company John O. Farmer Inc. Elevation 2017 KB 2030 GL
Address 370 W Wichita Ave. PO Box 352, Russell KS 67665
Co. Rep / Geo. Randy Rig Discovery Drilling Rig #1
Location: Sec. 4 Twp. 5S Rge. 20 W Co. Phillips State KS

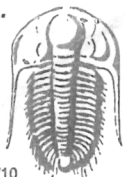
Interval Tested 3157 - 3195 Zone Tested Toronto
Anchor Length 38' Drill Pipe Run 3140 Mud Wt. 8.9
Top Packer Depth 3152 Drill Collars Run 31 Vis 85
Bottom Packer Depth 3157 Wt. Pipe Run — WL 8.0
Total Depth 3195 Chlorides 1000 ppm System LCM 1.5#
Blow Description IF - 1/4" blow, dried in 7 Min
ISI - No blow back
FF - No blow back
FSI - No blow back

Rec <u>20'</u>	Feet of <u>OS M</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	Feet of	%gas	%oil	%water	%mud

Rec Total _____ BHT _____ Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm
(A) Initial Hydrostatic 1519 ☒ Test 1125' T-On Location 11:35 am
(B) First Initial Flow 9 ☐ Jars _____ T-Started 12:21 pm
(C) First Final Flow 13 ☐ Safety Joint _____ T-Open 2:56 pm
(D) Initial Shut-In 698 ☐ Circ Sub _____ T-Pulled 4:56 pm
(E) Second Initial Flow 13 ☐ Hourly Standby _____ T-Out 6:17 pm
(F) Second Final Flow 15 ☒ Mileage 75 X 2 150 RT 210 Comments _____
(G) Final Shut-In 668 ☐ Sampler _____
(H) Final Hydrostatic 1511 ☐ Straddle _____

☐ Ruined Shale Packer _____
☐ Ruined Packer _____
☐ Extra Copies _____
Initial Open 30 ☐ Extra Packer _____
Initial Shut-In 30 ☐ Extra Recorder _____
Final Flow 30 ☐ Day Standby _____
Final Shut-In 30 ☐ Accessibility _____
Sub Total 1335 MP/DST Disc't _____

Approved By _____ Our Representative Cody Doodorn
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. 43852

Well Name & No. states unit #1 Test No. 2 Date 5-21-11
 Company John O Farmer Inc, Elevation 2017 KB 2030 GL
 Address 370 W. Wichita Ave, Po Box 352, Russell KS, 67665
 Co. Rep / Geo. Randy Killian Rig Discovery Drilling Rig #1
 Location: Sec. 4 Twp. 5S Rge. 20W Co. phillips State KS

Interval Tested 3219-3245 Zone Tested LKC "C"
 Anchor Length 26' Drill Pipe Run 3196 Mud Wt. 8.9
 Top Packer Depth 3214 Drill Collars Run 31 Vis 85
 Bottom Packer Depth 3219 Wt. Pipe Run — WL 8.0
 Total Depth 3245 Chlorides 1,000 ppm System LCM 1.5#
 Blow Description IF-1/4" blow
ISI - No blow back
FF - Weak surface blow
FSI -

Rec	Feet of	%gas	%oil	%water	%mud
<u>35</u>	<u>150CM</u>	<u>2</u>	<u>2</u>	<u>98</u>	<u>—</u>
<u>5</u>	<u>Free oil</u>	<u>100</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>
<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

Rec Total 40 BHT 97 Gravity — API RW — @ — °F Chlorides — ppm

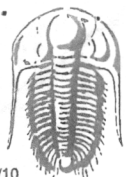
(A) Initial Hydrostatic <u>1553</u>	☒ Test <u>1125</u>	T-On Location <u>1:45am</u>
(B) First Initial Flow <u>11</u>	☐ Jars <u>—</u>	T-Started <u>1:58am</u>
(C) First Final Flow <u>25</u>	☐ Safety Joint <u>—</u>	T-Open <u>3:22am</u>
(D) Initial Shut-In <u>634</u>	☐ Circ Sub <u>—</u>	T-Pulled <u>5:22am</u>
(E) Second Initial Flow <u>33</u>	☐ Hourly Standby <u>—</u>	T-Out <u>6:57am</u>
(F) Second Final Flow <u>32</u>	☒ Mileage <u>75 x 2 150ft 210</u>	Comments <u>—</u>
(G) Final Shut-In <u>578</u>	☐ Sampler <u>—</u>	<u>—</u>
(H) Final Hydrostatic <u>1539</u>	☐ Straddle <u>—</u>	☐ Ruined Shale Packer <u>—</u>

Initial Open <u>30</u>	☐ Shale Packer <u>—</u>	☐ Ruined Packer <u>—</u>
Initial Shut-In <u>30</u>	☐ Extra Packer <u>—</u>	☐ Extra Copies <u>—</u>
Final Flow <u>30</u>	☐ Extra Recorder <u>—</u>	Sub Total <u>8</u>
Final Shut-In <u>30</u>	☐ Day Standby <u>—</u>	Total <u>1335</u>
	☐ Accessibility <u>—</u>	MP/DST Disc't <u>—</u>
	Sub Total <u>1335</u>	

Approved By —

Our Representative Cody Bloodorn

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BY: _____

Test Ticket

NO. 43853

Well Name & No. States Unit #1 Test No. 3 Date 5-21-11
Company John O. Farmer Inc. Elevation 2017 KB 2030 GL
Address 370 W. Wichita Ave, Po Box 352, Russell KS, 67665
Co. Rep / Geo. Randy Killian Rig Discovery Drilling Rig #1
Location: Sec. 4 Twp. S-8 Rge. 20W Co. Phillips State KS

Interval Tested 3244 - 3263 Zone Tested LKC "D"
Anchor Length 19' Drill Pipe Run 3227 Mud Wt. 9
Top Packer Depth 3239 Drill Collars Run 31 Vis 75
Bottom Packer Depth 3244 Wt. Pipe Run — WL 8.0
Total Depth 3263 Chlorides 1000 ppm System LCM 1 1/2 #

Blow Description IF - B.O.B - 9 Min.
ISI - Weak surface blow
FF - B.O.B - 13 Min.
FSI - Weak surface blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>372</u>	<u>MW</u>			<u>95</u>	<u>5</u>
<u>110</u>	<u>OC MW</u>		<u>20</u>	<u>70</u>	<u>10</u>
<u>60</u>	<u>Oil</u>	<u>10</u>	<u>90</u>		
	<u>2 stands GIP</u>				

Rec Total 542 BHT 103 Gravity 19 API RW 0.096 @ 80 °F Chlorides 70,000 ppm

(A) Initial Hydrostatic 1559 ☒ Test 1125 T-On Location 11:10 am
(B) First Initial Flow 21 ☐ Jars — T-Started 11:21 am
(C) First Final Flow 125 ☐ Safety Joint — T-Open 1:04 pm
(D) Initial Shut-In 663 ☐ Circ Sub — T-Pulled 4:04 pm
(E) Second Initial Flow 131 ☐ Hourly Standby — T-Out 6:02 pm
(F) Second Final Flow 259 ☒ Mileage 75 X2 FORT 210 Comments —
(G) Final Shut-In 649 ☐ Sampler —
(H) Final Hydrostatic 1530 ☐ Straddle —

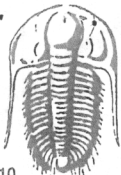
Initial Open 30 ☐ Ruined Shale Packer —
Initial Shut-In 30 ☐ Ruined Packer —
Final Flow 60 ☐ Extra Packer —
Final Shut-In 60 ☐ Extra Recorder — Sub Total 0
☐ Day Standby — Total 1335
☐ Accessibility — MP/DST Disc't —
Sub Total 1335

Approved By _____

Our Representative

Cody Bloedorn

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Test Ticket

NO. 43854

Well Name & No. Statas unit #1 Test No. 4 Date 5-21-11
 Company John O. Farmer, Inc. Elevation 2017 KB 2030 GL
 Address 370 W. Wichita Ave, Po Box 352, Russell KS, 67665
 Co. Rep / Geo. Randy Killian Rig Discovery Drilling Rig #1
 Location: Sec. 4 Twp. 58 Rge. 20W Co. Phillips State KS

Interval Tested 3261 - 3285 Zone Tested LCK 1" F11
 Anchor Length 24' Drill Pipe Run 3227 Mud Wt. 9
 Top Packer Depth 3256 Drill Collars Run 31 Vis 75
 Bottom Packer Depth 3261 Wt. Pipe Run — WL 8.0
 Total Depth 3285 Chlorides 1000 ppm System LCM 1 1/2 #

Blow Description IF - 1 1/2 blow
ISI - No blow back
FF - 1/4" blow
FSI - No blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>50</u>	<u>40 CM</u>		<u>40</u>		<u>60</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

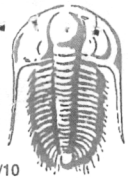
Rec Total 50' BHT 98.1 Gravity — API RW — @ — °F Chlorides — ppm
 (A) Initial Hydrostatic 1584 ☒ Test 1125 T-On Location 10:57pm
 (B) First Initial Flow 12 ☐ Jars — T-Started 11:12pm
 (C) First Final Flow 26 ☐ Safety Joint — T-Open 1:10am
 (D) Initial Shut-In 771 ☐ Circ Sub — T-Pulled 4:10am
 (E) Second Initial Flow 32 ☐ Hourly Standby — T-Out 5:45am
 (F) Second Final Flow 39 ☒ Mileage 75 X 2 150RT 210 Comments —
 (G) Final Shut-In 774 ☐ Sampler —
 (H) Final Hydrostatic 1566 ☐ Straddle — ☐ Ruined Shale Packer —
☐ Shale Packer — ☐ Ruined Packer —
☐ Extra Packer — ☐ Extra Copies —
☐ Extra Recorder —

Initial Open 30
 Initial Shut-In 30
 Final Flow 60
 Final Shut-In 60
 Sub Total 1335
 MP/DST Disc't —

Approved By —

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Test Ticket

NO. 43855

Well Name & No. States Unit #1 Test No. 5 Date 5-22-11
 Company John O. Farmer Inc. Elevation 2017 KB 2033 GL
 Address 370 W. Wichita Ave, Po Box 352, Russell KS, 67665
 Co. Rep / Geo. Randy Killian Rig Discovery Drilling Rq#1
 Location: Sec. 4 Twp. 5 S Rge. 20 W Co. Phillips State KS

Interval Tested 3304 - ~~3300~~ 3390 Zone Tested LKC "H-K"
 Anchor Length 86' Drill Pipe Run 3265 Mud Wt. 9
 Top Packer Depth 3299 Drill Collars Run 31 Vis 60
 Bottom Packer Depth 3304 Wt. Pipe Run — WL 8.0
 Total Depth 3390 Chlorides 1500 ppm System LCM 1#
 Blow Description IF - 1/2" blow
ISI - No blow back
FF - 1/2" blow
FSI - No blow back

Rec <u>50</u>	Feet of <u>MCO</u>	%gas <u>60</u>	%oil	%water <u>40</u>	%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 99 Gravity _____ API RW _____ @ _____ ° F Chlorides _____ ppm
 (A) Initial Hydrostatic 1620 ☒ Test 1125 T-On Location 2:18 pm
 (B) First Initial Flow 20 ☐ Jars _____ T-Started 2:30 pm
 (C) First Final Flow 31 ☐ Safety Joint _____ T-Open 5:44 pm
 (D) Initial Shut-In 961 ☐ Circ Sub _____ T-Pulled 8:44 pm
 (E) Second Initial Flow 30 ☐ Hourly Standby _____ T-Out 10:19 pm
 (F) Second Final Flow 41 ☒ Mileage 7.5 x 2 150 RT 210 Comments _____
 (G) Final Shut-In 1047 ☐ Sampler _____
 (H) Final Hydrostatic 1590 ☐ Straddle _____

☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
 Initial Open 30 ☐ Shale Packer _____
 Initial Shut-In 30 ☐ Extra Packer _____
 Final Flow 60 ☐ Extra Recorder _____
 Final Shut-In 60 ☐ Day Standby _____
☐ Accessibility _____
 Sub Total 1335 MP/DST Disc't _____

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