

TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket 15602

NO. 041400

Well Name & No. Wellman B #3 Test No. 1 Date 04/01/11
 Company DS Langston Elevation 1698 KB 1692 GL
 Address 310 W Central Ste 202 Wichita, KS 67202
 Co. Rep / Geo. Bruce Ard Rig Southwind Rig #4
 Location: Sec. 33 Twp. 21S Rge. 9W Co. Rice State KS

Interval Tested 3028 - 3068 Zone Tested Lansing
 Anchor Length 40 Drill Pipe Run 2897 Mud Wt. 9.1
 Top Packer Depth 3023 Drill Collars Run 118 Vis 48
 Bottom Packer Depth 3028 Wt. Pipe Run 0 WL 9.2
 Total Depth 3068 Chlorides 6600 ppm System LCM

Blow Description IF: Strong Blow, BOB in 15 seconds GTS in 5 1/2 minutes Gauged Gas
ISI: Bled off, NO Blowback

FF: Strong Blow, BOB + GTS immediate, Gauged Gas + caught sample

FSI: Bled off, NO Blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>2867</u>	<u>GIP</u>				
<u>148</u>	<u>G50CM</u>	<u>58</u>	<u>6</u>		<u>36</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 148 BHT 96 Gravity N/C API RW N/C @ N/C Chlorides N/C ppm

(A) Initial Hydrostatic	<u>1468</u>	☒ Test	<u>1125</u>	T-On Location	<u>07:30</u>
(B) First Initial Flow	<u>91</u>	☒ Jars	<u>250</u>	T-Started	<u>08:17</u>
(C) First Final Flow	<u>179</u>	☒ Safety Joint	<u>75</u>	T-Open	<u>10:03</u>
(D) Initial Shut-In	<u>1166</u>	☐ Circ Sub		T-Pulled	<u>12:33</u>
(E) Second Initial Flow	<u>113</u>	☐ Hourly Standby		T-Out	<u>14:10</u>
(F) Second Final Flow	<u>111</u>	☒ Mileage	<u>110</u> <u>137.50</u>	Comments	
(G) Final Shut-In	<u>1150</u>	☐ Sampler			
(H) Final Hydrostatic	<u>1414</u>	☐ Straddle			

Initial Open	<u>15</u>	☐ Shale Packer		☐ Ruined Shale Packer	
Initial Shut-In	<u>45</u>	☐ Extra Packer		☐ Ruined Packer	
Final Flow	<u>30</u>	☐ Extra Recorder		☐ Extra Copies	
Final Shut-In	<u>60</u>	☐ Day Standby		Sub Total	<u>8</u>
		☐ Accessibility		Total	<u>1587.50</u>
		Sub Total	<u>1587.50</u>	MP/DST Disc't	

Approved By Bruce B. Ard Our Representative [Signature]
 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.



GAS VOLUME REPORT

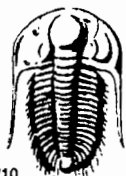
OPERATOR

WELL NAME AND NO.

1
DST NO.

GTS in $5\frac{1}{2}$ min

Remarks:



TRILOBITE TESTING INC.

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Test Ticket

NO. 042426

4/10

Well Name & No. Wellman B #3 Test No. 2 Date 04/01/11
 Company DS Langston Elevation 1698 KB 1692 GL
 Address 310 W. Central Ste 202 Wichita, KS 67202
 Co. Rep / Geo. Bruce Ard Rig Southwind Rig #4
 Location: Sec. 33 Twp. 21 S Rge. 9 W Co. Rice State KS

Interval Tested 3064 - 3097 Zone Tested Lansing "F-G"
 Anchor Length 33 Drill Pipe Run 2928 Mud Wt. 9.1
 Top Packer Depth 3059 Drill Collars Run 118 Vis 48
 Bottom Packer Depth 3064 Wt. Pipe Run 0 WL 9.2
 Total Depth 3097 Chlorides 6600 ppm System LCM

Blow Description IF: Fair Blow, BOB in 8 minutes

ISI: Bled off, NO Blowback

FF: Fair Blow, BOB in 9 minutes

FSI: Bled off, NO Blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>120</u>	<u>GIP</u>				
<u>120</u>	<u>GSP SOWCM</u>	<u>10</u>	<u>2</u>	<u>24</u>	<u>64</u>
<u>238</u>	<u>65% water</u>	<u>5</u>		<u>95</u>	

Rec Total 358 BHT 102 Gravity N/C API RW .07 @ 65 °F Chlorides 126000 ppm

(A) Initial Hydrostatic 1470 ☒ Test 1125
 (B) First Initial Flow 24 ☒ Jars 250
 (C) First Final Flow 107 ☒ Safety Joint 15
 (D) Initial Shut-In 1210 ☐ Circ Sub
 (E) Second Initial Flow 115 ☐ Hourly Standby
 (F) Second Final Flow 190 ☒ Mileage (110) 137.50
 (G) Final Shut-In 1210 ☐ Sampler
 (H) Final Hydrostatic 1432 ☐ Straddle

T-On Location 21:15
 T-Started 21:28
 T-Open 23:03
 T-Pulled 01:34
 T-Out 03:32

Initial Open 15
 Initial Shut-In 45
 Final Flow 30
 Final Shut-In 60

☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
 Sub Total 1587.50

Comments
☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
 Sub Total 8
 Total 1587.50
 MP/DST Disc't

Approved By Bruce B. Ard

Our Representative [Signature]

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Test Ticket

NO. 042427

Well Name & No. Wellman B #3 Test No. 3 Date 04/03/11
 Company DS Langston Elevation 1698 KB 1692 GL
 Address 310 W. Central Ste 202 Wichita, KS 67202
 Co. Rep / Geo. Bruce Ard Rig Southwind Rig #4
 Location: Sec. 33 Twp. 21S Rge. 9W Co. Rice State KS

Interval Tested 3360 - 3393 Zone Tested Kinderhook
 Anchor Length 33 Drill Pipe Run 3239 Mud Wt. 9.4
 Top Packer Depth 3355 Drill Collars Run 118 Vis 54
 Bottom Packer Depth 3360 Wt. Pipe Run 0 WL 10.0
 Total Depth 3393 Chlorides 10000 ppm System LCM

Blow Description IF: Strong Blow, BOB in 50 seconds
FSI: Bled off, 1/2 inch Blowback
FF: Strong Blow, BOB in 10 seconds
FSI: Bled off, No Blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>1210</u>	<u>GIP</u>				
<u>86</u>	<u>GSY 50CM</u>	<u>5</u>	<u>4</u>	<u>91</u>	<u>91</u>
<u>60</u>	<u>GSY 50WCM</u>	<u>60</u>	<u>4</u>	<u>5</u>	<u>31</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

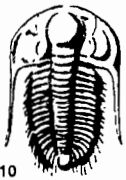
Rec Total 146 BHT 106° Gravity N/C API RW N/C @ N/C° F Chlorides N/C ppm
 (A) Initial Hydrostatic 1665 ☒ Test 1125 T-On Location 02:45
 (B) First Initial Flow 46 ☒ Jars 250 T-Started 03:05
 (C) First Final Flow 68 ☒ Safety Joint 75 T-Open 04:42
 (D) Initial Shut-In 221 ☐ Circ Sub T-Pulled 07:13
 (E) Second Initial Flow 57 ☐ Hourly Standby T-Out 08:47
 (F) Second Final Flow 68 ☒ Mileage (110) 137.50
 (G) Final Shut-In 242 ☐ Sampler
 (H) Final Hydrostatic 1630 ☐ Straddle
☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility

Initial Open 15
 Initial Shut-In 45
 Final Flow 30
 Final Shut-In 60

☐ Ruined Shale Packer
☐ Ruined Packer
☐ Extra Copies
 Sub Total 8
 Total 1587.50
 MP/DST Disc't

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Our Representative [Signature]



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Test Ticket

NO. 042428

Well Name & No. Wellman B #3 Test No. 4 Date 04/03/11
Company D S Langston Elevation 1698 KB 1692 GL
Address 310 W. CENTRAL ST #202 VICHITY, KS 67202
Co. Rep / Geo. Bruce Ard Rig Southwind Rig #4
Location: Sec. 33 Twp. 21S Rge. 9W Co. Rice State KS

Interval Tested 3514 - 3536 Zone Tested Simpson
Anchor Length 22 Drill Pipe Run 3398 Mud Wt. 9.5
Top Packer Depth 3509 Drill Collars Run 118 Vis 44
Bottom Packer Depth 3514 Wt. Pipe Run 0 WL 10.0
Total Depth 3536 Chlorides 9200 ppm System LCM

Blow Description IFI Fair Blow, 7 1/2 inches

ISI: Bled off, NO Blowback

FF: Fair Blow, 10 1/2 inches

FSI: Bled off, NO Blowback

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>50CM</u>	<u>2</u>	<u>2</u>	<u>98</u>	<u>98</u>
<u>124</u>	<u>50WCM</u>	<u>2</u>	<u>40</u>	<u>58</u>	<u>58</u>
<u>118</u>	<u>water</u>				

Rec Total 257 BHT 110° Gravity 1.11 API RW .3 @ 40° F Chlorides 41000 ppm
(A) Initial Hydrostatic 1748 ☒ Test 1125 T-On Location 22:15
(B) First Initial Flow 23 ☒ Jars 250 T-Started 22:35
(C) First Final Flow 74 ☒ Safety Joint 75 T-Open 01:04
(D) Initial Shut-In 962 ☐ Circ Sub T-Pulled 03:37
(E) Second Initial Flow 78 ☐ Hourly Standby T-Out 05:45
(F) Second Final Flow 131 ☒ Mileage (110) 137.50 Comments
(G) Final Shut-In 958 ☐ Sampler
(H) Final Hydrostatic 1712 ☐ Straddle ☐ Ruined Shale Packer

Initial Open 15
Initial Shut-In 45
Final Flow 30
Final Shut-In 60

☐ Shale Packer
☐ Extra Packer
☐ Extra Recorder
☐ Day Standby
☐ Accessibility
Sub Total 1587.50

☐ Ruined Packer
☐ Extra Copies
Sub Total 0
Total 1587.50
MP/DST Disc't

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