



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 43435 16097

AUG 01 2011

Well Name & No. Euler Ranch "J" #3 Test No. 1 Date 7-29-11
 Company ESP Development Elevation 1902 KB 1894 GL
 Address 1749 250th Avenue Hays, Ks 67601
 Co. Rep / Geo. Randy Killian Rig Discovery rig 4
 Location: Sec. 21 Twp. 11S Rge. 15W Co. Russell State Ks

Interval Tested 2973-3067 Zone Tested TORONTO - LKC - C
 Anchor Length 94 Drill Pipe Run 2947 Mud Wt. 8.8
 Top Packer Depth 2968 Drill Collars Run 30 Vis 53
 Bottom Packer Depth 2973 Wt. Pipe Run - WL 9.6
 Total Depth 3067 Chlorides 1600 ppm System LCM 1 1/2 #
 Blow Description IFP - WEAK TO A FAIR BLOW 1/2" TO 4"
ISIP - NO BLOW
FFP - WEAK TO A FAIR BLOW 1/4" TO 5"
FSIP - NO BLOW

Rec	Feet of	%gas	%oil	%water	%mud
<u>90</u>	<u>mw w/show of oil</u>			<u>60</u>	<u>40</u>
<u>240</u>	<u>WATER</u>				

Rec Total 330 BHT 101 Gravity - API RW .22 @ 75 °F Chlorides 28000 ppm
 Test 1125 T-On Location 2000
 Jars _____ T-Started 2055
 Safety Joint _____ T-Open 2235
 Circ Sub _____ T-Pulled 0210
 Hourly Standby _____ T-Out 0420
 Mileage 70 RT 98 Comments _____
 Sampler _____
 Straddle _____
 Shale Packer _____
 Extra Packer _____
 Extra Recorder _____
 Day Standby _____
 Accessibility _____
 Sub Total 1223 MP/DST Disc't _____

Initial Open 5
 Initial Shut-In 60
 Final Flow 60
 Final Shut-In 90

Approved By _____ Our Representative Ray Schwager Thank you
 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

Test Ticket

NO. 43436

Well Name & No. Euler Ranch "J" #3 Test No. 2 Date 7-31-11
 Company ESP Development Elevation 1902 KB 1894 GL
 Address 1749 250th Avenue Hays, Ks 67601
 Co. Rep / Geo. Randy Killian Rig Discovery rig 4
 Location: Sec. 21 Twp. 11^s Rge. 15^w Co. Russell State Ks

Interval Tested 3350-3382 Zone Tested Arbuckle
 Anchor Length 32 Drill Pipe Run 3324 Mud Wt. 9
 Top Packer Depth 3350-3345 Drill Collars Run 30 Vis 48
 Bottom Packer Depth 3382 Wt. Pipe Run — WL 8.8
 Total Depth 3421 Chlorides 2000 ppm System LCM 1#
 Blow Description IFP - WEAK Blow 1/2" To 3" Blow
TSIP - NO Blow
FFP - WEAK Blow 1/4" To 3" Blow
FSIP - NO Blow

Rec	Feet of	%gas	%oil	%water	%mud
<u>65</u>	<u>MW w/show of oil</u>			<u>82</u>	<u>28</u>
<u>180</u>	<u>WATER</u>				

Rec Total 245 BHT 107 Gravity — API RW .23 @ 75 °F Chlorides 28000 ppm

(A) Initial Hydrostatic <u>1611</u>	<input checked="" type="checkbox"/> Test <u>1125'</u>	T-On Location <u>0630</u>
(B) First Initial Flow <u>29</u>	<input type="checkbox"/> Jars	T-Started <u>0645</u>
(C) First Final Flow <u>43</u>	<input type="checkbox"/> Safety Joint	T-Open <u>0835</u>
(D) Initial Shut-In <u>756</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1205</u>
(E) Second Initial Flow <u>49</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>1354</u>
(F) Second Final Flow <u>129</u>	<input checked="" type="checkbox"/> Mileage <u>70 RT 98</u>	Comments
(G) Final Shut-In <u>669</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1588</u>	<input checked="" type="checkbox"/> Straddle <u>600</u>	<input type="checkbox"/> Ruined Shale Packer
Initial Open <u>5</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>60</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>8</u>
Final Shut-In <u>90</u>	<input type="checkbox"/> Day Standby	Total <u>1823</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1823</u>	

Approved By _____ Our Representative RAY SCHWAGER Thank you

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