



TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

Test Ticket

NO. 04190115258



Well Name & No. Richards #14 Test No. 1 Date 1-9-11
 Company 1991 Oil Operations, Inc Elevation 2057 KB 2049 GL
 Address 8411 Proctor Rd Ste 800 Dallas TX 75225
 Co. Rep / Geo. Kitt Nash Rig Seaboard #3
 Location: Sec E Twp. 11S Rge. 20W Co. Ellis State KS

Interval Tested 3760 - 3526 Zone Tested L K C H - J
 Anchor Length 66 Drill Pipe Run 3443 Mud Wt 9.1
 Top Packer Depth 3455 Drill Collars Run — Vis 50
 Bottom Packer Depth 3460 Wt. Pipe Run — WL 3.8
 Total Depth 3526 Chlorides 2500 ppm System LCM 1/2
 Blow Description IF - 1 1/2 in blow
ISL - No blow
FF - No blow
ISL - —

Rec	Feet of	%gas	%oil	%water	%mud
<u>20</u>	<u>50 c. A1</u>	<u>10</u>		<u>90</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 20 BHT 100 Gravity API RW @ °F Chlorides ppm
 (A) Initial Hydrostatic 1692 Test 1125 T-On Location 1:30
 (B) First Initial Flow 15 Jars T-Started 2:00
 (C) First Final Flow 19 Safety Joint T-Open 4:00
 (D) Initial Shut-In 115 Circ Sub T-Pulled 5:45
 (E) Second Initial Flow 16 Hourly Standby T-Out 7:15
 (F) Second Final Flow Mileage 33 x 2 70ct 87.50 Comments
 (G) Final Shut-In Sampler
 (H) Final Hydrostatic 1634 Straddle Ruined Shale Packer
 Shale Packer Ruined Packer
 Extra Packer Extra Copies
 Initial Open 45 Extra Recorder Sub Total 0
 Initial Shut-In 45 Day Standby Total 1212.50
 Final Flow 15 Accessibility MP/DST Disc't
 Final Shut-In — Sub Total 1212.50

Approved By _____ Our Representative But [Signature]
 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. 041902

Well Name & No. <u>Richards #14</u>	Test No. <u>2</u>	Date <u>1-8-11</u>
Company <u>Mar Oil Operations, Inc</u>	Elevation <u>2037</u>	KB <u>2049</u> GL
Address <u>844 Preston Rd Ste 800 Dallas TX 75225</u>		
Co. Rep / Geo. <u>KIT North</u>	Rig <u>South wind #3</u>	
Location: Sec. <u>6</u> Twp. <u>11S</u> Rge <u>20W</u> Co. <u>Ellis</u> State <u>KS</u>		

Interval Tested <u>3598-3657</u>	Zone Tested <u>Arkuckle</u>	
Anchor Length <u>39</u>	Drill Pipe Run <u>3600</u>	Mud Wt. <u>9.4</u>
Top Packer Depth <u>3593</u>	Drill Collars Run <u>—</u>	Vis <u>60</u>
Bottom Packer Depth <u>3598</u>	Wt. Pipe Run <u>—</u>	WL <u>9.8</u>
Total Depth <u>3657</u>	Chlorides <u>2500</u> ppm System	LCM <u>12</u>

Blow Description TF - 7m blow
ISZ - No blow
PF - 2 1/2 m blow
FSZ - No blow

Rec	Feet of	%gas	%oil	%water	%mud
	<u>VS60</u>	<u>5</u>	<u>95</u>		
<u>125</u>	<u>3WCM</u>			<u>20</u>	<u>80</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 130 BHT 108 Gravity 34 API RW @ °F Chlorides 65,000 ppm

(A) Initial Hydrostatic <u>1766</u>	<input checked="" type="checkbox"/> Test <u>1125</u>	T-On Location <u>20:00</u>
(B) First Initial Flow <u>17</u>	<input type="checkbox"/> Jars	T-Started <u>20:55</u>
(C) First Final Flow <u>49</u>	<input type="checkbox"/> Safety Joint	T-Open <u>22:15</u>
(D) Initial Shut-In <u>283</u>	<input type="checkbox"/> Circ Sub	T-Pulled <u>1:45</u>
(E) Second Initial Flow <u>51</u>	<input type="checkbox"/> Hourly Standby	T-Out <u>3:30</u>
(F) Second Final Flow <u>73</u>	<input checked="" type="checkbox"/> Mileage <u>35 x 2 Tort 8750</u>	Comments
(G) Final Shut-In <u>275</u>	<input type="checkbox"/> Sampler	
(H) Final Hydrostatic <u>1710</u>	<input type="checkbox"/> Straddle	<input type="checkbox"/> Ruined Shale Packer

Initial Open <u>60</u>	<input type="checkbox"/> Shale Packer	<input type="checkbox"/> Ruined Packer
Initial Shut-In <u>45</u>	<input type="checkbox"/> Extra Packer	<input type="checkbox"/> Extra Copies
Final Flow <u>60</u>	<input type="checkbox"/> Extra Recorder	Sub Total <u>0</u>
Final Shut-In <u>45</u>	<input type="checkbox"/> Day Standby	Total <u>1212.50</u>
	<input type="checkbox"/> Accessibility	MP/DST Disc't
	Sub Total <u>1212.50</u>	

Approved By _____ Our Representative Brett Deal

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