



Cement Report

Customer <i>Rapier Exploration</i>		Lease No.		Date <i>12/12/14</i>	
Lease <i>Partly</i>		Well # <i>3-34</i>		Service Receipt	
Casing <i>4 5/8</i>	Depth <i>1602'</i>	County <i>SEWARD</i>		State <i>KS</i>	
Job Type <i>Surface</i>		Formation		Legal Description	
Pipe Data			Perforating Data		Cement Data
Casing size <i>4 5/8</i>	Tubing Size	Shots/Ft		Lead <i>400sk A-60m</i>	
Depth <i>1602'</i>	Depth	From	To	<i>@11.4#</i>	
Volume <i>99</i>	Volume	From	To	<i>2.95 18.10</i>	
Max Press <i>1500</i>	Max Press	From	To	Tail in <i>150sk P.P.</i>	
Well Connection <i>P.C.</i>	Annulus Vol.	From	To	<i>@14.8#</i>	
Plug Depth	Packer Depth	From	To	<i>1.34 6.33</i>	
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>09:00</i>					<i>on loc, spot, safety, etc.</i>
<i>13:05</i>	<i>2000</i>				<i>Test logs</i>
<i>13:08</i>	<i>140</i>		<i>0</i>	<i>5</i>	<i>Start mixing @11.4#</i>
<i>13:52</i>	<i>230</i>		<i>210</i>	<i>5</i>	<i>on tail @14.8#</i>
<i>14:01</i>	<i>0</i>		<i>36</i>	<i>0</i>	<i>Finished mixing. Drop Plug</i>
<i>14:04</i>	<i>40</i>		<i>0</i>	<i>5</i>	<i>Start Disp. Washup on Plug</i>
<i>14:18</i>	<i>100</i>		<i>79</i>	<i>1.5</i>	<i>Slow Rate</i>
<i>14:45</i>	<i>210-700</i>		<i>99</i>	<i>0</i>	<i>Plug Down</i>
<i>14:47</i>	<i>0</i>				<i>Release PB, float held</i>
					<i>Job Complete</i>
Service Units		<i>76939</i>	<i>3722337926</i>	<i>3416319506</i>	<i>1952737925</i>
Driver Names					

Terry
Customer Representative

Gene Bennett
Station Manager

Chris
Cementer