



Cement Report

Customer <i>Merit Energy</i>	Lease No	Date <i>5-5-13</i>
Lease <i>A1-Watkins</i>	Well # <i>20-1</i>	Service Receipt <i>1717-05560A</i>
Casing <i>5 1/2"</i>	Depth	County <i>Haskell</i>
Job Type <i>Squeeze</i>	Formation	State <i>KS</i>

Pipe Data		Perforating Data		Cement Data
Casing size	Tubing Size <i>2 7/8</i>	Shots/Ft		Lead <i>1805C 50/50</i> <i>102</i>
Depth	Depth <i>5198</i>	From <i>5200</i>	To <i>5201</i>	
Volume	Volume <i>30.09</i>	From	To	<i>1.58</i> <i>4.91</i>
Max Press	Max Press <i>2500</i>	From	To	Tail in
Well Connection	Annulus Vol.	From	To	<i>n/A</i>
Plug Depth	Packer Depth <i>5198</i>	From	To	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>09:00</i>					<i>On location</i>
<i>10:45</i>					<i>Wire line Rigging Down</i>
<i>11:00</i>					<i>Call in trucks</i>
<i>12:00</i>					<i>Rise up / Safety mts w/BES Employees</i>
<i>13:15</i>					<i>Safety mts w/Rig crew</i>
<i>13:25</i>					<i>Pressure test 2500</i>
<i>13:25</i>	<i>500</i>		<i>1/2 BBL</i>		<i>head backside</i>
<i>13:30</i>	<i>1000</i>		<i>32</i>	<i>3</i>	<i>Establish Injection</i>
<i>13:44</i>	<i>500</i>				<i>Pressured up back side again</i>
<i>13:46</i>	<i>1000</i>			<i>3</i>	<i>Start Cementing</i>
<i>13:53</i>	<i>300</i>			<i>3</i>	
<i>13:59</i>	<i>100</i>			<i>3</i>	
<i>14:05</i>					<i>Shot down & Wash up to Pit</i>
<i>14:09</i>	<i>80</i>			<i>3.5</i>	<i>Start Displacement</i>
	<i>600</i>		<i>7 gals</i>	<i>3.0</i>	<i>Caught Pressure</i>
	<i>700</i>		<i>10</i>	<i>2.8</i>	
			<i>14 1/2 gals</i>		<i>Circulation to Surface</i>
	<i>1000</i>		<i>20</i>	<i>2.6</i>	
	<i>1200</i>		<i>29</i>	<i>0</i>	<i>Shutdown</i>
<i>14:33</i>	<i>400</i>			<i>3</i>	<i>Reverse out</i>
<i>14:42</i>			<i>29 BBL</i>		<i>Flagged Cement</i>
<i>14:49</i>			<i>45 gals</i>		<i>Shutdown</i>
					<i>Job Complete</i>

Service Units					
Driver Names					

Wes Williamson *Lycet Davis* *Tommy Maxwell*
 Customer Representative Station Manager Cementer