



**BASIC**  
ENERGY SERVICES  
Liberal, Kansas

**Cement Report**

Customer <i>Sovereign Operating</i>		Lease No.		Date <i>5-15-13</i>	
Lease <i>Princess Estate</i>		Well #		Service Receipt <i>04123</i>	
Casing <i>8 5/8" 24"</i>	Depth <i>470' 100'</i>	County <i>Bara</i>		State <i>CO</i>	
Job Type <i>241-PTA</i>		Formation		Legal Description	
<b>Pipe Data</b>			<b>Perforating Data</b>		<b>Cement Data</b>
Casing size <i>8 5/8" 24"</i>	Tubing Size <i>2 3/8"</i>	<b>Shots/F:</b>		Lead <i>110SK</i>	
Depth	Depth <i>470' 100'</i>	From	To	Premix Plus	
Volume	Volume <i>37, 38 bbl</i>	From	To	Tail in	
Max Press	Max Press	From	To		
Well Connection	Annulus Vol.	From	To		
Plug Depth	Packer Depth	From <i>8 5/8" - 0637</i>	To <i>64/ft</i>		
Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>9:00</i>					<i>on 100 = site assessment</i>
<i>9:05</i>					<i>spot trucks - rig up</i>
<i>9:30</i>					<i>safety meeting PTA</i>
<i>9:45</i>					<i>pressure test 1000#</i>
<i>10:10</i>					<i>line @ 470'</i>
<i>10:20</i>	<i>25</i>		<i>14</i>	<i>2</i>	<i>mix + pump 60 sk class C w/</i>
					<i>2% CC @ 14.8 ppg = 1.32 @ 4%</i>
<i>10:25</i>	<i>25</i>		<i>.75</i>	<i>1</i>	<i>disp balanced plug</i>
<i>10:30</i>					<i>won - top @ 350'</i>
<i>2:00</i>	<i>25</i>		<i>7</i>	<i>2</i>	<i>mix + pump 20 sk @ 350'</i>
<i>2:05</i>	<i>25</i>		<i>1</i>	<i>1</i>	<i>disp balanced plug</i>
<i>2:10</i>					<i>mix + pump 50 sk @ 60'</i>
<i>2:30</i>					<i>line and inside</i>
					<i>job complete</i>
Service Units <i>34776</i>		<i>38750 - 11780 - 10578</i>			
Driver Names <i>A. Rivera</i>		<i>J. Miller</i>		<i>N. Brown</i>	

*A. Rivera*  
Customer Representative

*J. Bonnett*  
Station Manager

*A. Rivera*  
Cementer