



Cement Report

Customer: COMANCHE Lease No.: 6-4 Date: 1/4/11
 Lease: FDER Well # 6-4 Service Receipt
 Casing: 5 1/2 Depth: County: SCOTT State: KS
 Job Type: D.V.L.S. Formation: Legal Description: 4-20-34

Pipe Data		Performing Data		Cement Data	
Casing size	Tubing Size	Shots/Ft	Lead	From	To
<u>5 1/2</u>	<u> </u>		<u>1780 SK AA-2</u>		
Depth: <u>5003.36 T.P.</u>	Depth		<u>2 1/4</u>		
Volume: <u>118</u>	Volume		<u>4800 A-COR</u>		
Max Press: <u>2100</u>	Max Press		<u>Tail in</u>		
Well Connection: <u>P.C.</u>	Annulus Vol.		<u>2 1/2</u>		
Plug Depth	Pecker Depth		<u>5000</u>		

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<u>19:30</u>					<u>on loc, spot mixed, P.C. surface</u>
<u>21:45</u>	<u>3000</u>				<u>PT test</u>
<u>21:48</u>	<u>200</u>		<u>12</u>	<u>84</u>	<u>Pump mixed flush</u>
<u>21:52</u>	<u>200</u>		<u>5</u>	<u>4</u>	<u>Pump H₂O spacer</u>
<u>21:55</u>	<u>200</u>		<u>0</u>	<u>4</u>	<u>Start mix AA-2 @ 14.8 #</u>
<u>22:20</u>	<u>0</u>		<u>48</u>	<u>-</u>	<u>Finish mix</u>
					<u>Washup</u>
<u>22:47</u>					<u>Hook to Big Pump to Disp.</u>
<u>03:34</u>					<u>Plus RAM</u>
<u>03:50</u>	<u>180</u>		<u>0</u>	<u>4</u>	<u>Start mix A-COR @ 12.1 #</u>
<u>04:40</u>	<u>150</u>		<u>205</u>	<u>4</u>	<u>Switch to tail @ 14.8 #</u>
<u>05:00</u>	<u>0</u>		<u>12</u>	<u>4</u>	<u>Finish mix</u>
<u>05:05</u>					<u>Washer P.C.</u>
<u>05:30</u>	<u>0</u>		<u>0</u>	<u>4</u>	<u>Start Disp</u>
<u>06:05</u>	<u>400-2600</u>		<u>6.5</u>	<u>-</u>	<u>Plug Down, Close Tool</u>
	<u>2100-0</u>			<u>-</u>	<u>Tool hold, Rel. Plg</u>
					<u>Job Complete</u>
					<u>Thank You</u>
					<u>Check Valve</u>

Service Units	<u>197556</u>	<u>3922337926</u>	<u>14344</u>	<u>2011A 19808</u>	<u>19828 19883</u>
Driver Names	<u>CHINE</u>	<u>R. Oles</u>	<u>S. Ortiz</u>	<u>D. Goodday</u>	<u>K. Baker</u>

Customer Representative: Sam Lemaster Station Manager: Sarah Bennett
 Cementer: C. K. Hines