

2ND Stage Cement

TREATMENT REPORT

Customer <i>Novy Oil Hbas</i>		Lease No.		Date <i>4-10-12</i>	
Lease <i>Diana</i>		Well # <i>2</i>			
Field Order # <i>5923</i>	Station <i>Pratt</i>	Casing <i>7 1/2"</i>	Depth	County <i>Reno</i>	State <i>KS</i>
Type Job <i>CNW - 2 Stage L.S.</i>			Formation	Legal Description <i>17-22-8</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
				<i>4705</i>	<i>Acid Blend</i>			5 Min.
Depth	Depth	From	To	Pre Pad	Max			
Volume	Volume	From	To	Pad <i>Acid Blend</i>	Min		10 Min.	
Max Press	Max Press	From	To	Frac <i>RH/MH</i>	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative *Kurt* Station Manager *Dave Scott* Treater *Steve Orland*

Service Units	<i>27283</i>	<i>27463</i>	<i>19826</i>	<i>19860</i>	<i>19831</i>	<i>21010</i>				
Driver Names	<i>Mitchell</i>	<i>Mitchell</i>	<i>McGraw</i>	<i>Person</i>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
	<i>300</i>		<i>200</i>	<i>7</i>	<i>Mix 490 sks Acid Blend</i>
					<i>Shut Down</i>
					<i>Clear pump & line</i>
	<i>300</i>		<i>0</i>	<i>7</i>	<i>Start 420 Displacement</i>
	<i>1000</i>			<i>5</i>	<i>Cement to surface did not go to surf.</i>
<i>8:30 AM</i>	<i>1800</i>		<i>63</i>		<i>plug Down -</i>
					<i>pressure up to close tool</i>
					<i>NO Returns</i>
<i>9:00 PM</i>			<i>6</i>		<i>Plug RH/MH w/505 sks Acid Blend</i>
					<i>Job Complete</i>
					<i>Thanks, Steve</i>