

Customer <b>Rama Operating</b>	Lease No.	Date <b>9-21-13</b>
Lease <b>Hillard</b>	Well # <b>4-1</b>	
Field Order # <b>8185</b>	Station <b>Pratt</b>	Casing <b>13 3/8</b>
		Depth <b>287</b>
Type Job <b>LNW <del>2 1/2</del> 13 3/8 SURFACE</b>	Formation	Legal Description <b>1-28-13</b>
		County <b>Pratt</b>
		State <b>KS</b>

PIPE DATA		PERFORATING DATA		FLUID USED	TREATMENT RESUME		
Casing Size <b>13 3/8</b>	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP
Depth <b>287</b>	Depth	From	To	Pre Pad	Max		5 Min.
Volume	Volume	From	To	Pad	Min		10 Min.
Max Press	Max Press	From	To	Frac	Avg		15 Min.
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure
Plug Depth <b>272</b>	Packer Depth	From	To	Flush	Gas Volume		Total Load

Customer Representative <b>Billy</b>	Station Manager <b>Kevin</b>	Treater <b>JOE</b>
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Service Units	<b>27463</b>	<b>70959</b>	<b>19918</b>	<b>28443</b>	<b>19826</b>	<b>19860</b>
Driver Names	<b>Steve</b>	<b>Jesse</b>		<b>JOE</b>	<b>JESSE</b>	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
0200					ON LOC/safety meeting Rig up for Surface Pipe Run 7 JTS of 13 3/8 CSG 54.5 START Running CSG
430					CSG on Bottom / Breaks circ. with Big HOOK UP TO PUMP TO START JOB
0500	300		5	5.5	H2O SPACER
	300		71	5.5	MIX 330 SK 60/40 POZ 2% GAL 3% CC 1/4" cell/cell
0515	300		0	5.5	START H2O DISP
				5.5	CEMENT TO SURFACE
0525	300		42	0	Plug Down Circ Thru JOB Circ O BAL TO PIT
					SET UP TO 1" CEMENT UP FROM 50'
1000	100		21.5	1	MIX 100 SK COMMON 2% CC PUT 5 BBL CEMENT TO PIT
					Circ Thru JOB
					JOB COMPLETE Thank you JOE



## TREATMENT REPORT

Customer <i>Rama Operating</i>	Lease No.	Date <i>9-23-13</i>
Lease <i>HILLARD</i>	Well # <i>4-1</i>	
Field Order # <i>8186</i>	Station <i>Pratt</i>	Casing <i>8 5/8</i>
		Depth <i>1117</i>
Type Job <i>CNW 8 5/8 SF</i>	Formation	County <i>Pratt</i>
		State <i>KS</i>
		Legal Description <i>1-28-13</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>8 5/8</i>								
Depth <i>1117</i>	Depth	From	To	Pre Pad	Max		5 Min.	
Volume <i>68.8</i>	Volume	From	To	Pad	Min		10 Min.	
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <i>1075</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative	Station Manager	Treater
Service Units	<i>77686 19905 19831 19862 28443</i>	
Driver Names	<i>MILK JESSE JOE</i>	

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>08:20:00</i>					<i>ON LOC / safety meeting</i>
					<i>Rig up for 8 5/8 SF</i>
					<i>Run 26 JTS of 8 5/8 csg. 23#</i>
					<i>cen. on 22</i>
					<i>Basket on 2-23</i>
<i>12:30</i>					<i>Csg on Bottom</i>
					<i>Hooks up to Pump to start job</i>
<i>1:10</i>			<i>3</i>	<i>5.5</i>	<i>H2O spacer</i>
	<i>300</i>		<i>44</i>	<i>5.5</i>	<i>MIX 100 SKA - CON at 12#</i>
	<i>300</i>		<i>43</i>	<i>5.5</i>	<i>MIX 200 SK 60/40 POZ at 14.8#</i>
					<i>Shut Down Release Plug</i>
<i>1:30</i>	<i>200</i>		<i>0</i>	<i>5.5</i>	<i>START H2O DISP</i>
	<i>400</i>		<i>60</i>	<i>3.5</i>	<i>slow Rate</i>
<i>1:42</i>	<i>500</i>		<i>68</i>	<i>0</i>	<i>Plug Down</i>
			<i>18</i>	<i>1</i>	<i>Pump 50 SK A - CON at 13#</i>
					<i>comment stayed in celler</i>
					<i>JOB COMPLET</i>
					<i>Thank you</i>
					<i>JOE</i>

Customer <i>RAMA - OPERATING</i>	Lease No.	Date <i>09-29-13</i>
Lease <i>Willard</i>	Well # <i>4-1</i>	
Field Order # <i>41137</i>	Station	Casing # <i>5112</i>
Type Job <i>CNW #2 low string</i>	Formation	Depth <i>4453</i>
		County <i>PRATT</i>
		State <i>KS</i>
		Legal Description <i>7-28-13</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>5 1/2</i>				Pre Pad	Max		5 Min.	
Depth <i>4468</i>	Depth	From	To	Pad	Min		10 Min.	
Volume <i>108 1/2</i>	Volume	From	To	Frac	Avg		15 Min.	
Max Press <i>1500</i>	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection <i>P.C.</i>	Annulus Vol.	From	To	Flush	Gas Volume		Total Load	
Plug Depth <i>4453</i>	Packer Depth	From	To					

Customer Representative	Station Manager <i>DAVE SCOTT</i>	Treater <i>Robert J. [Signature]</i>
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Service Units	<i>37900</i>	<i>27463</i>	<i>19862</i>	<i>19860</i>					
Driver Names	<i>Sullivan</i>	<i>Yoness</i>	<i>Phye</i>						

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
					<i>on low soft, meter</i>
					<i>run 5 1/2 14 csg.</i>
<i>8:10</i>					<i>CASING on bottom</i>
<i>8:20</i>					<i>Hook up csg csg.</i>
<i>9:25</i>	<i>200</i>		<i>3</i>	<i>2.5</i>	<i>At SPACER</i>
			<i>12</i>	<i>4.5</i>	<i>MIX AND FLUSH</i>
			<i>3</i>		<i>SPACER</i>
			<i>31</i>		<i>mix cont 12.5 WA 2 cont yield/pt 1.42 mix @ 1500g</i>
					<i>cont mix @ shut down wash line of pump</i>
					<i>Release Plug</i>
				<i>5</i>	<i>At Plug</i>
	<i>300</i>		<i>78</i>		<i>Lift Ps.</i>
	<i>500</i>		<i>100</i>	<i>2.5</i>	<i>Slow Rate</i>
<i>10:10</i>	<i>1500</i>		<i>107</i>		<i>Plug down</i>
			<i>7</i>	<i>2</i>	<i>plug RT inf 200k @ 1500g</i>
			<i>5</i>		<i>plug m.H. w/ 20 dl</i>
					<i>JOB COMPLETE</i>
					<i>Thank you</i>