

Customer <i>OSAGE</i>	Lease No.	Date <i>10-11-13</i>
Lease <i>OSAGE</i>	Well # <i>27-12</i>	
Field Order # <i>9214</i>	Station <i>PRATT</i>	Casing <i>4 1/2 OP</i>
Type Job <i>CAN PTA</i>	Formation	Depth <i>850</i>
		County <i>BARNES</i>
		State <i>KS</i>
		Legal Description <i>27-33-15</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size <i>4 1/2</i>	Tubing Size	Shots/Ft		Acid <i>CMT 75 SLS THIXOTROPIC</i>	RATE <i>290 gpm</i>	PRESS <i>10% gypsum</i>	ISIP <i>10# SK 915000</i>	
Depth <i>850</i>	Depth	From	To	Pre Pad	Max <i>1/4#</i>	<i>C.F.</i>	5 Min.	
Volume	Volume	From	To	Pad <i>100 SK 60/40</i>	Min <i>40% gel</i>	<i>390cc</i>	10 Min.	<i>1/4# CF</i>
Max Press	Max Press	From	To	Frac	Avg		15 Min.	
Well Connection <i>D.P.</i>	Annulus Vol.	From	To		HHP Used		Annulus Pressure	
Plug Depth <i>850</i>	Packer Depth	From	To	Flush	Gas Volume		Total Load	

Customer Representative <i>JEFF DAIR</i>	Station Manager <i>KEVIN GORDLEY</i>	Treater <i>MIKE MATTY</i>
Service Units <i>37586</i>	<i>27403</i>	<i>19960 21010</i>
Driver Names <i>MATTY</i>	<i>ACGIMW</i>	<i>MUSKAT</i>

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>10:45 AM</i>					<i>ON LOCATION / SAFETY MEETING</i>
<i>12:15 PM</i>					<i>1ST Plug 850'</i>
<i>12:17</i>		<i>200</i>	<i>7</i>	<i>4</i>	<i>PUMP 7 BBL'S H2O</i>
<i>12:19</i>		<i>200</i>	<i>23</i>	<i>4</i>	<i>Mix 75 SLS THIXOTROPIC CMT</i>
<i>12:25</i>		<i>200</i>	<i>3</i>	<i>4</i>	<i>PUMP 3 BBL H2O</i>
<i>12:26</i>					<i>Pull Drill Pipe</i>
					<i>Plug 2 250'</i>
<i>12:59</i>		<i>150</i>	<i>4</i>	<i>4</i>	<i>PUMP 4 BBL H2O</i>
<i>1:00</i>		<i>150</i>	<i>25</i>	<i>4</i>	<i>Mix 100 SLS 60/40 POZ</i>
<i>1:10</i>		<i>150</i>	<i>2</i>	<i>4</i>	<i>PUMP 2 BBL H2O</i>
<i>1:11</i>					<i>Pull Drill Pipe</i>
					<i>Plug R.H. + M.H.</i>
					<i>JOB COMPLETE</i>
					<i>THANK YOU</i>
					<i>MIKE MATTY</i>