





Customer <i>Woolsey Operating Co</i>	Lease No.	Date <i>11/29/18</i>	
Lease <i>McLadden B</i>	Well # <i>1</i>		
Field Order # <i>16364</i>	Station <i>Pratt ks</i>	Casing <i>4 1/2</i>	Depth <i>5061.74</i>
		County <i>Kiowa</i>	State <i>ks</i>
Type Job <i>4 1/2 Production Casing</i>	Formation <i>242</i>	Legal Description <i>22 283 19W</i>	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>4 1/2</i>				Pre Pad			5 Min.	
Depth <i>5061.74</i>	Depth	From	To	Pad	Max		10 Min.	
Volume <i>80,481.7</i>	Volume	From	To	Frac	Min		15 Min.	
Max Press <i>2000</i>	Max Press	From	To		Avg		Annulus Pressure	
Well Connection <i>4 1/2</i>	Annulus Vol.	From	To		HHP Used		Total Load	
Plug Depth	Packer Depth	From	To	Flush	Gas Volume			

Customer Representative <i>Alan Dick</i>	Station Manager <i>Justin Westerman</i>	Treater <i>Scott Graves</i>
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Service Units	<i>96817</i>	<i>78982</i>	<i>86775</i>	<i>19889</i>	<i>21010</i>				
Driver Names	<i>Scott Morgan</i>	<i>-</i>	<i>Riley</i>	<i>-</i>					

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>7:00</i>					<i>On Location Safety Meeting Rig up</i>
<i>8:50</i>					<i>Run Flood Equipment</i>
					<i>Scrubbers, 4,5,6,15 Turbos, 1,2,3,4,5,6,7,8,14,15</i>
<i>11:20</i>					<i>Break Circulation</i>
<i>12:30</i>	<i>200</i>			<i>5</i>	<i>Pump H<sub>2</sub>O Spacer</i>
<i>12:31</i>	<i>240</i>		<i>5</i>	<i>5.8</i>	<i>Start Scavenger Cement</i>
<i>12:34</i>	<i>180</i>		<i>14.87</i>	<i>5.8</i>	<i>Start AAZ Cement 15 ppv</i>
<i>12:41</i>	<i>0</i>		<i>39.8</i>	<i>0</i>	<i>Shut down</i>
<i>12:42</i>					<i>Wash pump &amp; lines Clean</i>
<i>12:44</i>					<i>Release Plug</i>
<i>12:44</i>	<i>100</i>			<i>6.3</i>	<i>Start Displacement</i>
<i>12:52</i>	<i>250</i>		<i>50</i>	<i>6.3</i>	<i>1.1 Pressure</i>
<i>12:56</i>	<i>550</i>		<i>20</i>	<i>3.2</i>	<i>Reduce Rate</i>
<i>1:00</i>	<i>600</i>		<i>9</i>	<i>3.2</i>	<i>Plug landed</i>
<i>1:00</i>	<i>1500</i>		<i>.25</i>	<i>3.2</i>	<i>Increase Pressure</i>
<i>1:01</i>	<i>1500</i>				<i>Shut down Pressure held</i>
<i>1:03</i>					<i>Release Pressure NO Returns</i>
<i>1:10</i>	<i>0</i>			<i>3</i>	<i>Plug Put hole / 2 more hole</i>
<i>1:15</i>	<i>0</i>		<i>12.8</i>		<i>Shut down</i>
<i>1:20</i>					<i>Wash up Equipment</i>
<i>1:45</i>					<i>Job Complete</i>