





Customer <i>Gr. RR. Management</i>		Lease No.	Date <i>12/5/2016</i>	
Lease <i>Springs</i>		Well # <i>1877</i>		
Field Order # <i>13442</i>	Station	Casing <i>5 1/2</i>	Depth <i>90'</i>	County <i>Barber</i> State <i>KS</i>
Type Job <i>2 41/50000</i>		Formation		Legal Description <i>10-335-12W</i>

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid	RATE	PRESS	ISIP	
<i>5 1/2</i>	<i>2 7/8</i>			Pre Pad	Max		5 Min.	
Depth <i>90</i>	Depth <i>4300</i>	From <i>4390</i>	To <i>4428</i>	Pad	Min		10 Min.	
Volume <i>2.1</i>	Volume <i>25</i>	From	To	Frac	Avg		15 Min.	
Max Press <i>500</i>	Max Press	From	To		HHP Used		Annulus Pressure	
Well Connection	Annulus Vol. <i>68</i>	From	To	Flush <i>Freshwater</i>	Gas Volume		Total Load	
Plug Depth	Packer Depth <i>4300</i>	From	To					

Customer Representative <i>JR Griffin</i>	Station Manager <i>Kevin Gordley</i>	Treater <i>Darin Frisnelia</i>
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Service Units	<i>92911</i>	<i>84981</i>	<i>19843</i>	<i>20955</i>	<i>19862</i>				
Driver Names	<i>Darin</i>	<i>McGraw</i>	<i>McGraw</i>	<i>McGraw</i>	<i>McGraw</i>				

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>11:00pm</i>					<i>On location / 50 PM meeting</i>
<i>1:10</i>	<i>500</i>		<i>10</i>	<i>3</i>	<i>Loss casing</i>
<i>1:50</i>		<i>600</i>	<i>10</i>	<i>4</i>	<i>Injection Rate</i>
		<i>300</i>	<i>21</i>	<i>4</i>	<i>mix 100% cement</i>
					<i>Shut down</i>
					<i>Wash pump lines</i>
		<i>0</i>	<i>0</i>	<i>2</i>	<i>Start displacement</i>
		<i>200</i>	<i>15</i>	<i>1</i>	
		<i>300</i>	<i>19</i>	<i>3/4</i>	
<i>2:22pm</i>		<i>400</i>	<i>22</i>	<i>3/4</i>	<i>Shut down</i>
<i>2:29pm</i>		<i>400</i>	<i>23</i>	<i>3/4</i>	
<i>2:45pm</i>		<i>800</i>	<i>25 1/2</i>	<i>1/2</i>	
<i>2:48pm</i>					<i>Shut down</i>
<i>3:18pm</i>		<i>1000</i>	<i>4 1/4</i>	<i>1/4</i>	<i>Shut down</i>
<i>3:28</i>		<i>11500</i>	<i>4 1/4</i>	<i>1/4</i>	<i>Shut down</i>
<i>3:33</i>		<i>2000</i>	<i>26</i>	<i>1/4</i>	<i>Shut down</i>
					<i>Blow back - Hold</i>
	<i>500</i>		<i>50</i>	<i>3</i>	<i>Revers out</i>
					<i>Pull 5 joints</i>
<i>4:15pm</i>	<i>300</i>		<i>4 1/2</i>	<i>2</i>	<i>Pressure well to 500psi</i>







