

BASIC

energy services, L.P.

TREATMENT REPORT

Customer <i>Rama Operating Co Inc</i>		Lease No.		Date <i>12/15/16</i>	
Lease <i>Austin</i>		Well # <i>1-5</i>			
Field Order # <i>14876 A</i>	Station <i>Pratt KS</i>	Casing <i>5 7/8 14 1/2</i>	Depth <i>4747'</i>	County <i>Stafford</i>	State <i>KS</i>
Type Job <i>5 1/2 Long string</i>	Formation			Legal Description	

PIPE DATA		PERFORATING DATA		FLUID USED		TREATMENT RESUME		
Casing Size	Tubing Size	Shots/Ft		Acid		RATE	PRESS	ISIP
<i>5 7/8 14 1/2</i>				Pre Pad		Max		5 Min.
Depth <i>4747'</i>	Depth	From	To	Pad		Min		10 Min.
Volume <i>103.67</i>	Volume	From	To	Frac		Avg		15 Min.
Max Press <i>2000</i>	Max Press	From	To	HHP Used		Annulus Pressure		
Well Connection <i>5 1/2</i>	Annulus Vol.	From	To	Flush		Gas Volume	Total Load	
Plug Depth	Packer Depth	From	To					

Customer Representative <i>Kenly Givens</i>			Station Manager <i>Kevin Gaudley</i>			Treater <i>Scott Givens</i>		
Service Units	<i>38950</i>	<i>78987</i>	<i>86775</i>	<i>54950</i>	<i>19860</i>			
Driver Names	<i>Scott</i>	<i>Michael</i>	<i>—</i>	<i>Josh</i>	<i>—</i>			

Time	Casing Pressure	Tubing Pressure	Bbls. Pumped	Rate	Service Log
<i>6:15</i>					<i>On Location Safety Meeting Pump</i>
<i>7:45</i>					<i>Run Flood Equipment Tubing 8, 9, 12, 15, 19</i>
<i>9:20</i>					<i>Break Circulation</i>
<i>10:10</i>	<i>250</i>			<i>5</i>	<i>Pump 1170 Spool</i>
<i>10:11</i>	<i>250</i>		<i>5</i>	<i>5</i>	<i>Pump 500 gallons Mud Flush</i>
<i>10:13</i>	<i>200</i>		<i>12</i>	<i>5</i>	<i>Pump 1170 Spool</i>
<i>10:14</i>	<i>150</i>		<i>5</i>	<i>4</i>	<i>Mix 150 gal's AAZ 15 1/2</i>
<i>10:27</i>	<i>8</i>		<i>37.9</i>		<i>Shut down</i>
<i>10:30</i>					<i>Wash pump & lines clean</i>
<i>10:32</i>				<i>4.5</i>	<i>Release Plug slow displacement</i>
<i>10:50</i>	<i>300</i>		<i>75</i>	<i>4.5</i>	<i>1/1 Pressure</i>
<i>10:56</i>	<i>110</i>		<i>20</i>	<i>3</i>	<i>Reduce Rate</i>
<i>11:00</i>	<i>750</i>		<i>6</i>	<i>3</i>	<i>Plug landed</i>
<i>11:00</i>	<i>1500</i>				<i>Increase Pressure on Plug</i>
<i>11:06</i>	<i>1500</i>				<i>Shut down Pressure Hold</i>
<i>11:02</i>	<i>0</i>				<i>Release Pressure no Reducers</i>
<i>11:10</i>	<i>0</i>		<i>8</i>	<i>3</i>	<i>Plug Red hole</i>
<i>11:15</i>	<i>0</i>		<i>6</i>	<i>3</i>	<i>Plug Mouse hole</i>
<i>11:20</i>					<i>Shut down</i>
<i>11:26</i>					<i>Wash up Pump</i>
<i>11:30</i>					<i>Job Complete</i>