

**TREATMENT REPORT**



**HURRICANE SERVICES INC**

<b>Customer:</b> Domestic Energy	<b>Date:</b> 4/18/2018	<b>Ticket No.:</b> ICT1036
<b>Field Rep:</b> Jeff Morris		
<b>Address:</b>		
<b>City, State:</b>		
<b>County, Zip:</b>		

<b>Field Order No.:</b>		<b>Open Hole:</b>		<b>Perf Depths (ft)</b>	<b>Perfs</b>
<b>Well Name:</b>	R Smith A-1	<b>Casing Depth:</b>			
<b>Location:</b>	Fredonia, KS	<b>Casing Size:</b>	4 1/2		
<b>Formation:</b>		<b>Tubing Depth:</b>	1208' 637' 255'		
<b>Type of Service:</b>	PTA	<b>Tubing Size:</b>	2.375"		
<b>Well Type:</b>	Gas	<b>Liner Depth:</b>			
<b>Age of Well:</b>	Old	<b>Liner Size:</b>			
<b>Packer Type:</b>		<b>Liner Top:</b>			
<b>Packer Depth:</b>		<b>Liner Bottom:</b>			
<b>Treatment Via:</b>	Tubing	<b>Total Depth:</b>			
				<b>Total Perfs</b>	<b>0</b>

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)
	FLUID	N2/CO2	STP	ANNULUS				
					On location safety meeting. Spot in and rig up			
					Hook up to tubing. Tubing at 1208'			
	3.0		300.0		Mix and pump gel spacer			18.00
	3.0		300.0		Mix and pump cement 5 sacks			1.26
	3.0		300.0		Displace			4.28
					Hook up to tubing. Tubing at 637'			
	3.0		200.0		Break circulation			3.00
					Mix and pump gel spacer			12.00
	3.0		200.0		Mix and pump cement 5 sacks			1.26
	3.0		200.0		Displace			2.11
					Hook up to tubing. Tubing at 255' Break circulation			3.00
	3.0		150.0		Mix and pump cement to surface 32sacks			8.09
	0.5		50.0		Top off well 5 sacks			1.28
					Wash up pump			
					Thanks—Jake, Kevin, and Nathan			
<b>TOTAL:</b>						-	-	<b>54.26</b>

**SUMMARY**

Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
3.0	2.7	300.0	212.5

**PRODUCTS USED**

47 sacks 60:40:4% Gel 900 LBS GEL

Treater: Jake Heard

Customer: Jeff Morris