

TREATMENT REPORT



HURRICANE SERVICES INC

Customer:	Domestic Energy	Date:	3.8.18	Ticket No.:	ICT1008
Field Rep:	Jeff Morris				
Address:					
City, State:					
County, Zip:					

Field Order No.:		Open Hole:		Perf Depths (ft)	Perfs
Well Name:	Reutlinger A-1	Casing Depth:	1314' 695' 255'		
Location:	Fredonia, KS	Casing Size:	4 1/2		
Formation:		Tubing Depth:	1347'		
Type of Service:	PTA	Tubing Size:	2.375"		
Well Type:	Gas	Liner Depth:			
Age of Well:	Old	Liner Size:			
Packer Type:		Liner Top:			
Packer Depth:		Liner Bottom:			
Treatment Via:	Tubing	Total Depth:			
				Total Perfs	0

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 1458'			
	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			5.30
					Hook up to tubing. Tubing at 695'			
	3.0		200.0		Break circulation			3.00
	3.0		200.0		Mix and pump cement 5 sacks			1.26
	3.0		200.0		Displace			1.60
					Hook up to tubing. Tubing at 252' Break circulation			3.00
	3.0		150.0		Mix and pump cement to surface 29 sacks			7.33
	0.5		50.0		Top off well 5 sacks			1.26
					Wash up pump			
					Thanks--Jake, Kevin, and Chad			
TOTAL:						-	-	41.91

SUMMARY

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

PRODUCTS USED

44 sacks 60:40:4% Gel 600 LBS GEL

Treater: **Jake Heard**

Customer: Jeff Morris