TREATMENT REPORT

HURRICANE SERVICES INC

Customer:	Grand Mesa operating company		Date:	8/25/2018	Ticket #: ICT1324
Field Rep:	Sammy Cabella				
Address:	1700 N. Waterfront pkwy,bldg 600				
City, State:	Wichita,KS				
County, Zip:	67206-5514				

Field Order No.:		Open Hole:	450475473.8
Well Name:	Betty 1-15	Casing Depth:	450
Location:	Licoln,Co	Casing Size:	8.625/ 24#/ft
Formation:		Tubing Depth:	
Type of Service:	Cement	Tubing Size:	
Well Type:	Oil	Liner Depth:	
Age of Well:	New	Liner Size:	
Packer Type:		Liner Top:	
Packer Depth:		Liner Bottom:	
Treatment Via:	Cement	Total Depth:	

Perf Depths (ft)		Perfs
	Total Perfs	0

TIME	INJECTION RATE FLUID	INJECTION RATE N2/CO2	PRESSURE STP	PRESSURE ANNULUS	REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)
10:30 PM					Arrive on location			
10:45 PM					Safety meeting			
11:00 PM					Rig up equipment			
3:00 AM					Casing on bottom/ 11 joints ran			
3:00 AM	5.0		110.0		Rig circulates			
3:18 AM	5.0		180.0		Pump water ahead			15.00
3:20 AM	5.0		220.0		Mix and pump 350 sacks at 14.8ppg, 1.41 yield			87.90
3:44 AM	5.0		210.0		Displace			
			160.0		Shut in well			28.90
					35 bbls cement returned to surface			
4:03 AM					Wash up equipment			
5:00 AM					depart location			
					Thank you for using Hurricane services			
					Glen,Zach,Travis and Lupe			
					TOTAL:	-	-	131.80

SUMMARY			
Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
5.0	5.0	220.0	176.0

PRODUCTS USED

350 sacks, 3% CC, 2% gel, 1/4#/sk flo seal Class A

Treater: Glen Fisher

Customer: