

TREATMENT REPORT



HURRICANE SERVICES INC

Customer:	Murfin Drilling Company Inc.	Date:	8/9/2017	Ticket No.:	100785
Field Rep:	Glen Wahman				
Address:					
City, State:					
County, Zip:					

Field Order No.:	100785	Open Hole:		Perf Depths (ft)	Perfs
Well Name:	Gartrell # 1-12	Casing Depth:	3885.8		
Location:	Stockton	Casing Size:	6.5 15.6 Lb		
Formation:		Tubing Depth:			
Type of Service:	Longstring	Tubing Size:			
Well Type:	Oil	Liner Depth:			
Age of Well:	New	Liner Size:			
Packer Type:		Liner Top:			
Packer Depth:		Liner Bottom:			
Treatment Vial:	Casing	Total Depth:	3888'		
				Total Perfs	0

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)
	FLUID	N2/O2	STP	ANNULUS				
2:30 AM					Called Out			
8:30 PM					On Location With Float Equipment			
					Run 88 JI's 6.5 15.6 Lb			
					TD= 3688' TP= 3686.80' SJ=19.03 AFU Float Shoe & L			
					Turbolizers on JI's 1-2-3-4-5-6-7-8-10-12-14-16			
					Cement Baskets JI's 47 DV Tool Jt 48= 1724'			
10:30 PM					Trucks On Location			
9:30 PM					Start Casing			
11:00 PM					Casing On Bottom Drop Ball			
11:16 PM					Hook Up To Casing Break Circulation W/Rig Rotate 1 Hr			
					Start Pumping ProFlushes			
12:30 AM	4.0		20.0		6 BBL's H2O			6.00
	4.0		200.0		12 BBL's Mud Flush			12.00
	4.0		200.0		5 BBL's H2O			6.00
12:40 AM	5.0		300.0		Start Mix & Pump 125 Sk H-Long 14.8 Lb/Gal			33.39
12:48 AM					Shut Down Clear Pump & Lines Release LD Plug			
1:00 AM	5.6		300.0		Start Displacement First 20 BBL's 2% KCL			
	5.0		660.0		Lift Pressure Slow Rate			73.00
TOTAL:								398.39

SUMMARY

Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
6.5	4.1	2,000.0	524.7

PRODUCTS USED

125 Sacks H-Long 225 Sacks H-Con

Treater: Todd Seba Tony P

Customer: Glen

TREATMENT REPORT



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TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)
	FLUID	N2/CO2	STP	ANNULUS				
1:15 AM	3.0		1,000.0		Plug Down 600 PSI			89.00
					Release Psi Float Held			
					1/4 BBL Back			
1:20 AM	3.0		1,000.0		Drop Open Tool W/ Pump Truck			
					Pump 6 BBL's @ BPM 300 PSI			
1:30 AM					Hook to Rig Circulate 4 Hours			
6:30 AM	3.0		176.0		Pump 6 BBL's H2O			6.00
6:00 AM	2.0		160.0		Plug Rat & Mouse Holes			
6:10 AM	6.0		226.0		Start Mix & Pump 200 sacks H-Con			93.00
					Shut Down Clear Pump & Lines Release Closing Plug			16.00
6:35 AM	5.7		260.0		Start Displacement			
	6.0		600.0		27 Out 600 PSI			27.00
	3.0				38 Slow Rate			
	3.0		1,000.0		Plug Down			41.00
6:45 AM			2,000.0		PSI Up			
					Release Psi & Hold			
					1/4 BBL Back			
					Rack Up Truck			
					Off Location			
					Thank You			
					Please Call Again			
					Todd Tony Cody Sheldon			
					Bottom Stage 125 Sacks H-Long 2% Gel 10% Salt			
					5Lb/Sk Koseal 6% Calsel .6% CFL-160 .25% Caf-38			
					14.8 Lb/Gal Yield 1.60			
					Top Stage 200 Sacks 200 Sacks H-Con 3% CC 1/2 Lb/Sk			
					Phenoseal 12Lb/Gal 2.81			
					60 Sack Plug Rat & Mouse Holes			

Activity provided on this page is calculated in the summary and totals on page 1