TREATMENT REPORT

HURRICANE SERVICES INC

Customer:	Murfin Drilling Company	Date:	7/10/2017
Field Rep:	Bo Farr		7
Address:		Ticket No.:	100766
City, State:			
County, Zip:			

				Perf Depths (ft)		Perfs
Field Order No.:	100766	Open Hole:				
Well Name:	Carolyn B #1-19	Casing Depth:	227'			
Location:	McDondald	Casing Size:	13 3/8 48 Lb			
Formation:		Tubing Depth:				
Type of Service:	Conductor	Tubing Size:				
Well Type:	Oil	Liner Depth:				
Age of Well:	New	Liner Size:				
Packer Type:		Liner Top:				
Packer Depth:		Liner Bottom:				
Treatment Via:	Casing	Total Depth:	228'		Total Perfs	0

TIME	INJECTION RATE FLUID	INJECTION RATE N2/CO2	PRESSURE STP	PRESSURE ANNULUS	REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)
2:30 PM					Called Out			
8:30 PM					On Location W/Trucks Hold Safety Meeting			
					Spot & Set Up Trucks			
					TD=228' TP=221.20 Leave 20' In Casing			
11:05 AM					Start Casing			
1:10 AM	5.0				Csg On Bottom Hook Up To Csg Break circulation W/Rig			
1:20 AM	4.0		150.0		Start Pumping H20			10.00
	4.0		150.0		Start Mix & Pump 420 Sacks Common 2%Gel 3% CC			
	4.0		170.0		Start Diplacement H20			101.73
2:00 AM			200.0		Plug Down			32.69
2:00 AM					Close Vavle on Casing			
					Good Circuaition thru Job			
					Circulate 8 Bbl's Cement To Pit			
					Wash Up & Rack Up Truck			
2:30 AM					Off Location			
					Thank You Please Call Again			
					Tony Cody Sheldon			
					TOTAL:	-	-	144.42

SUMMARY

Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
5.0	4.3	200.0	167.5

PRODUCTS USED

420 Sx Common 2%Gel 3%CC

Treater: Tony Todd

Customer: Bo Farr

TREATMENT REPORT

HURRICANE SERVICES INC

Customer:	Murfin Drilling Company Inc.	**Date:** 7/20/2017	**Ticket No.:** 100774
Field Rep:	Nathan Witt		
Address:			
City, State:			
County, Zip:			

Field Order No.:	100774	**Open Hole:**		**Perf Depths (ft)**	**Perfs**
Well Name:	Carolyn B # 1-19	**Casing Depth:**	4820'		
Location:	McDonald	**Casing Size:**	5.5 15.5 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 Via:	Casing	**Total Depth:**	4818'		
				Total Perfs	0

TIME	INJECTION RATE FLUID	INJECTION RATE N2/CO2	PRESSURE STP	PRESSURE ANNULUS	REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)
12:00 PM					Called Out			
6:30 PM					On Location With Float Equipment			
					Run 116 Jt's 5.5 15.5 Lb			
					TD= 4820' TP= 4818' SJ= 18.81 AFU Float Shoe & LD			
					Turbolizers on Jt's1-2-3-4-5-6-7-8-9-10-11-12-13-34-44			
					Cemenent Baskets Jt's 11-35-45- Scratcher 9-13-14-25			
7:00 PM					Trucks On Location			
8:00 PM					Start Casing Circulate 1/2 way Jt58			
9:45 PM					Casing On Bottom Drop Ball			
10:00 PM					Hook Up To Casing Break Circulation W/Rig Rotate 1 Hr			
11:00 PM					Start Pumping Preflushes			
	4.0		250.0		5 BBL's H20			5.00
	4.0		150.0		12 BBl's Mud Flush			12.00
	4.0		150.0		5 BBL's H20			5.00
11:05 PM	3.0		190.0		Plug Rat & Mouse Holes 50 Sacks Lead			
11:15 PM	4.5		320.0		Start Mix & Pump Lead @ 12 Lb/Gal Yield 2.61			116.00
11:41 PM	4.5		220.0		Start Mix & Pump Tal @ 14.8 Lb/Gal Yield 1.50			53.43
12:00 AM					Shut Down Clear Pump & Lines Drop LD Plug			15.00
					TOTAL:	-	-	488.43

SUMMARY

Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
6.5	4.2	2,000.0	578.0

PRODUCTS USED

300 Sacks H-Con 200 Sacks H-Long

Treater: *Todd Seba*

Customer: Nathan Witt

TREATMENT REPORT

HURRICANE SERVICES INC

TIME	INJECTION RATE FLUID	INJECTION RATE N2/CO2	PRESSURE STP	PRESSURE ANNULUS	REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)
12:05 AM	6.5		200.0		Start Dl[placement 2% KCL			
	5.0		800.0		Lift Psi Slow Rate			55.00
	3.0		1,500.0		Slow Rate			110.00
12:30 AM	3.0		2,000.0		Plug Down & Psi Up			117.00
					Release Psi & Float Held			
					1 BBL Back			
					Did Not See Cement			
					Wash Up & Rack Up Truck			
1:00 AM					Off Location			
					Thank You			
					Please Call Again			
					Todd Cody Sheldon Darren Tony			
					300 Sacks Lead H-Con 3% C.C. 1/2 Lb/sk pheno-Seal			
					12 Lb/Gal Yield 2.61			
					200 Sacks H-Long 1% Gel 10% Salt 5 Lb/Sk Koseal			
					.6% CFL-160 .25% CAF-38			
					14.8 Lb/Gal Yield 1.50			

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