TREATMENT REPORT

HURRICANE SERVICES INC

Customer:	Murfin Drillind Company	Date: 6/28/2017	Ticket No.: 100759
Field Rep:	Bo Farr		
Address:			
City, State:			
County, Zip:			

Field Order No.:	100759	Open Hole:		Perf Depths (ft)	Perfs
Well Name:	Carolyn A #2-24	Casing Depth:	205.4		
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:	208'		
				Total Perfs	0

TIME	INJECTION RATE FLUID	INJECTION RATE N2/CO2	PRESSURE STP	PRESSURE ANNULUS	REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)
3:00 PM					Called Out 6-27-17			
10:00 PM					On Location W/Trucks Hold Safety Meeting			
					Spot & Set Up Trucks			
					TD=208' TP=205.40 Leave 20' In Casing			
12:30 AM					Start Casing			
2:45 AM	5.0				Csg On Bottom Hook Up To Csg Break circulation W/Rig			
3:05 AM	4.0		150.0		Start Pumping H20			10.00
	4.0		150.0		Start Mix & Pump 400 Sacks Common 2%Gel 3% CC			
					1/2 lb/sk Phenoseal			96.89
	4.0		170.0		Start Diplacement H20			
3:45 AM			200.0		Plug Down			29.10
					Close Vavle on Casing			
					Good Circuation thru job			
					Circulate Cement To Pit			
					Wash Up & Rack Up Truck			
4:15 AM					Off Location			
					Thank You Please Call Again			
					Tony Cody Sheldon			
					TOTAL:	-	-	135.99

SUMMARY

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

PRODUCTS USED

400 Sx Common 2%Gel 3%CC 1/2#/Sx Pheno-Seal

Treater: Tony

Customer: Bo Farr

TREATMENT REPORT

HURRICANE SERVICES INC

Customer:	Murfin Drilling Company Inc.	Date: 7/7/2017	Ticket No.: 100763
Field Rep:	Nathan Witt		
Address:			
City, State:			
County, Zip:			

				Perf Depths (ft)		Perfs
Field Order No.:	100763	Open Hole:				
Well Name:	Carolyn A # 2-24	Casing Depth:	4740'			
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:	4750'			
					Total Perfs	0

TIME	INJECTION RATE FLUID	INJECTION RATE N2/CO2	PRESSURE STP	PRESSURE ANNULUS	REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)
4:00 AM					Called Out			
5:30 AM					On Location With Float Equipment			
					Run 113 Jt's 5.5 15.5 Lb			
					TD= 4750' TP= 4740' SJ= 21.70 AFU Float Shoe &			
					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 11-13-25			
6:00 AM					Trucks On Location			
7:15 AM					Start Casing			
9:10 AM					Casing On Bottom Drop Ball			
9:15 AM					Hook Up To Casing Break Circulation W/Rig Rotate 1 Hr			
10:07 AM					Start Pumping Preflushes			
	4.0		150.0		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
10:15 AM	2.0		100.0		Plug Rat & Mouse Holes 50 Sacks Lead			
10:27 AM	4.3		320.0		Start Mix & Pump Lead @ 12 Lb/Gal Yield 2.61			116.00
11:58 AM	4.3				Start Mix & Pump Tal @ 14.8 Lb/Gal Yield 1.50			53.43
					Shut Down Clear Pump & Lines Drop LD Plug			15.00
					TOTAL:	-	-	320.97

SUMMARY

Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
6.5	4.0	2,200.0	613.3

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)
11:26 AM	6.5		200.0		Start Displacement 2% KCL			
	5.0		800.0		Lift Psi Slow Rate			
	3.0		1,450.0		Slow Rate			
11:45 AM	3.0		2,200.0		Plug Down & Psi Up			114.54
					Release Psi & Float Held			
					1 BBL Back			
					Cement In Cellar			
					Wash Up & Rack Up Truck			
12:15 PM					Off Location			
					Thank You			
					Please Call Again			
					Todd Cody Sheldon Darren			
					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