

TREATMENT REPORT



HURRICANE SERVICES INC

Customer: Murfin drilling Company In.	Date: 10/13/2017	Ticket No.: 100814
Field Rep: Arturo		
Address:		
City, State:		
County, Zip:		

Field Order No.:	100814
Well Name:	Schmidt-Vap A#2-26
Location:	Roxford
Formations:	
Type of Service:	Surface
Well Type:	Oil
Age of Well:	New
Packer Type:	
Packer Depth:	
Treatment Via:	Casing

Open Hole:	
Casing Depth:	269
Casing Size:	8 5/8 23 LB
Tubing Depth:	
Tubing Size:	
Liner Depth:	
Liner Size:	
Liner Top:	
Liner Bottom:	
Total Depth:	260

Perf Depths (ft)	Perfs
Total Perfs	0

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)
	FLUID	N2/CO2	STP	ANNULUS				
2:00 PM					Called Out			
6:00 PM					On Location With Trucks Hold Safety Meeting			
					Spot & Set Up Trucks			
					TD=260' TP-269.99 SJ= 30'			
					Run 6 Jt's 8 5/8 Cent 1/2 way Jt 1 Top of Jt 4			
					Start Casing			
					Casing On Bottom			
7:10 PM					Hook Up To Casing & Break Circulation W/Rlg			
7:20 PM	4.0		100.0		Start Pumping H2O			15.00
7:25 PM	2.0		220.0		Start Mix & Pump 225 Sacks Common @ 15 Lb/Gal			64.00
	4.0		150.0		Start Displacement H2O			
7:45 PM					Shut Down Close Valve On Casing			
					Cement didn't Circulate Tag @ 40' +/-			
					Order 150 Sacks Common WOC			
					Cement On Location Tag @ 40'			
2:15 AM	3.0		100.0		Mix & Pump 90 Sacks Common			22.00
2:35 AM					Cement Circulate To Pit			
					Shut Down Wash Up Truck & Rack Up Truck			
TOTAL:						-	-	91.00

SUMMARY

Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
4.0	3.3	220.0	142.5

PRODUCTS USED

225 Sack Common 2% Gel 3% CC 90 Sacks Common

Treater: Brad Starke

Customer: Arturo Cabezas

TREATMENT REPORT



HURRICANE SERVICES INC

Customer:	Murfin Drilling Company Inc.	Date:	10/21/2017	Ticket No.:	100818
Field Rep:	Nathan Witt				
Address:					
City, State:					
County, Zip:					

Field Order No.:	100818	Open Hole:		Perf Depths (ft)	Perfs
Well Name:	Schmidt-Vap A#2-26	Casing Depth:	4562'		
Location:	Rexford	Casing Size:	5 1/2 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:	4564'	Total Perfs	0

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)	
	FLUID	N2/CO2	STP	ANNULUS					
12:30 PM					Called Out				
3:45 PM					With Float Equipment				
6:00 PM					On Location With Trucks				
					Hold Safety Meeting				
					Spot & Set Up Trucks				
					TD= 4564' TP= 4562' 21.22				
					AFU Float Shoe & LD Baffle 1SI JT=21.22				
					Turbolizers On Jt's 1-2-3-4-5-6-7-8-9-10-11-12-13-34-44				
					Cement Baskets On Jt's 11-35-45				
					Start Casing				
6:20 PM					Casing On Bottom & Drop Ball				
6:30 PM					Hook Up To Casing & Break Circulation W/Rig 1 Hour				
7:45 PM	3.3		120.0		Start Pumping H2O			3.00	
	3.3		120.0		Start Pumping Mud Flush			12.00	
	3.3		120.0		Start Pumping H2O			3.00	
	2.6		76.0		Plug Rat & Mouse Holes			9.00	
7:51 PM	4.6		600.0		Start Mix Lead Cement			116.00	
					Start Mix Tail Cement			54.00	
TOTAL:									421.07

SUMMARY

Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
6.5	4.2	2,000.0	693.5

PRODUCTS USED

Treater: Brad Starks Todd Sebe

Customer: Nathan Witt

TREATMENT REPORT



HURRICANE SERVICES INC

TIME	INJECTION RATE FLUID	N ₂ /CO ₂	PRESSURE STP	ANNULUS	REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)
9:17 PM					Shut Down Release LD Plug			
					Wash UP TRUCK			
9:22 PM	6.5		200.0		Start Displacement 2% KCL			
	6.0		500.0		Lift Pressure			26.00
	6.0		1,500.0		Slow Rate			90.00
	3.0		1,800.0		Land Plug			108.07
9:46 PM			2,000.0		Pressure Up			
9:47 PM					Release Pressure			
					Float Held			
					Flow Back 3/4 BBL			
					Circulate 5 BBL's To Pit			
10:15 PM					Off Location			
					THANK YOU			
					PLEASE CALL AGAIN			
					BRAD TODD CODY DARREN ZACH			
					Lead 300 Sacks H-Con 3% CC 1/2 LB/SK Phen-seal			
					Tail 200 Sack H-Long 1% Gel 10% Salt 6 LB/SK Koseal			
					.6% CFL-160 .25% CAF-38			