

**TREATMENT REPORT**



**HURRICANE SERVICES INC**

<b>Customer:</b> Murfin Drilling Co. Inc.	<b>Date:</b> 8/21/2017	<b>Ticket No.:</b> 100788
<b>Field Rep:</b> Arturo		
<b>Address:</b>		
<b>City, State:</b>		
<b>County, Zip:</b>		

<b>Field Order No.:</b> 100788	<b>Open Hole:</b>	<b>Perf Depths (ft)</b>	<b>Perfs</b>
<b>Well Name:</b> Uhlaender # 1-29	<b>Casing Depth:</b> 345'		
<b>Location:</b> Beardsley	<b>Casing Size:</b> 8 5/8 23 Lb		
<b>Formation:</b>	<b>Tubing Depth:</b>		
<b>Type of Service:</b> Surface	<b>Tubing Size:</b>		
<b>Well Type:</b> Oil	<b>Liner Depth:</b>		
<b>Age of Well:</b> New	<b>Liner Size:</b>		
<b>Packer Type:</b>	<b>Liner Top:</b>		
<b>Packer Depth:</b>	<b>Liner Bottom:</b>		
<b>Treatment Via:</b> Casing	<b>Total Depth:</b> 347'		
		<b>Total Perfs</b>	<b>0</b>

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)
	FLUID	N2/CO2	STP	ANNULUS				
6:00 PM					Called Out			
8:45 PM					On Location W/Trucks Hold Safety Meeting			
					Spot & Set Up Trucks			
					TD=347' TP= 345'			
					Run 8 Jt's 8 5/8 23 Lb Cant Half Way # 1 Jt & Jt # 4			
9:45 PM					Start Casing			
11:05 PM					Casing on bottom			
11:15 PM					Hook Up To Casing Break Circulation With Rig			
11:30 PM	4.0			200.0	Start Pumping H2O			10.00
	4.0			150.0	Start Mix & Pump 285 Sacks Common 2% Gel 3% CC			69.00
	4.0			175.0	Start Displacement H2o			20.80
12:00 AM				200.0	Shut Down Circulate 16 Sacks To Pit			
					Close Valve on Casing			
					Wash Up Truck & Rack Up Truck			
12:30 AM					ON Location			
					Thank You			
					Please Call Again			
					Tony Cody Sheldon			
<b>TOTAL:</b>								99.80

**SUMMARY**

Max FI. Rate	Avg FI. Rate	Max PSI	Avg PSI
4.0	4.0	200.0	181.3

**PRODUCTS USED**

285 Sacks Common 2% Gel 3% Calcium Chloride

Treater: Tony P

Customer: Arturo

**TREATMENT REPORT**



**HURRICANE SERVICES INC**

<b>Customer:</b>	Murfin Drilling Company Inc.	<b>Date:</b>	8/29/2017	<b>Ticket No.:</b>	100793
<b>Field Rep:</b>	Arturo				
<b>Address:</b>					
<b>City, State:</b>					
<b>County, Zip:</b>					

<b>Field Order No.:</b>	100793	<b>Open Hole:</b>		<b>Perf Depths (ft)</b>	<b>Perfs</b>
<b>Well Name:</b>	Uhlender # 1-29	<b>Casing Depth:</b>			
<b>Location:</b>	Beardsley	<b>Casing Size:</b>			
<b>Formation:</b>		<b>Tubing Depth:</b>	3075'		
<b>Type of Service:</b>	PTA	<b>Tubing Size:</b>	4 1/2 16.6 Lb		
<b>Well Type:</b>	Oil	<b>Liner Depth:</b>			
<b>Age of Well:</b>	New	<b>Liner Size:</b>			
<b>Packer Type:</b>		<b>Liner Top:</b>			
<b>Packer Depth:</b>		<b>Liner Bottom:</b>			
<b>Treatment Via:</b>	Drill Pipe	<b>Total Depth:</b>		<b>Total Perfs</b>	0

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)
	FLUID	N2/CO2	STP	ANNULUS				
3:30 PM					Called Out			
8:00 PM					On location with Trucks Hold Safety Meeting			
					Spot & Set Up Trucks			
					TD=			
					1 St Plug @ 3075' 50sk 60/40 4%Gel 1/4 Ps			
8:50 PM	3.9		150.0		Start Pumping H2O			15.00
	3.9		160.0		Start Mix & Pump 50 Sk 60/40 4%Gel 1/4 PS @ 13.8 Lb/Gal			12.65
	3.9		200.0		Start Displacement H2O			6.00
	7.0		250.0		Start Displacement Rig Mud			36.00
					Shut Down PDPOOH			
					2 nd Plug @ 2270' 100 Sk 60/40 4% Gel 1/4 PS			
9:35 PM	4.5		300.0		Start Pumping H2O			10.00
	4.5		350.0		Start Mix & Pump 100 Sk 60/40 4%Gel 1/4 PS @ 13.8 Lb/Gal			25.29
	3.9		175.0		Start Displacement H2O			3.00
	7.0		175.0		Start Displacement Rig Mud			21.80
					Shut Down PDPOOH			
					3 Rd Plug @ 400' 50 Sk 60/40 4% Gel 1/4 PS			
10:55 PM	4.0		150.0		Start Pumping H2O			6.00
<b>TOTAL:</b>						-	-	161.30

**SUMMARY**

Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
7.0	4.0	350.0	169.6

**PRODUCTS USED**

255 Sacks 60/40 4% Gel 1/4 Lb/Sk Phenoseal

Treater: Tony P

Customer: Arturo