

**TREATMENT REPORT**



**HURRICANE SERVICES INC**

<b>Customer:</b> Murfin Drilling Co.Inc.	<b>Date:</b> 10/29/2017	<b>Ticket No.:</b> 100823
<b>Field Rep:</b> Juan Tinoco		
<b>Address:</b>		
<b>City, State:</b>		
<b>County, Zip:</b>		

<b>Field Order No.:</b> 100823	<b>Open Hole:</b>	<b>Perf Depths (ft)</b>	<b>Perfs</b>
<b>Well Name:</b> Jacquart # 1-28	<b>Casing Depth:</b> 1772.92'		
<b>Location:</b> Johnson City	<b>Casing Size:</b> 8 5/8 24 LB		
<b>Formation:</b>	<b>Tubing Depth:</b>		
<b>Type of Service:</b> 1774' 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> 1774'		
		<b>Total Perfs</b>	<b>0</b>

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)
	FLUID	N2/CO2	STP	ANNULUS				
9:00 AM					Called Out			
11:10 AM					On Location W/FE Rig Making Short Trip			
2:00 PM					Trucks On Location Hold Safety Mtg Spot & Set Up Trks			
					TD=1774' TP= 1772'.92 SJ= 42'.26 Run 42 Jt's 8 5/8 24 Lb			
					AFU Insert 1 st Jt Centralizers 1/2 Way Jt 1-13-31-37			
3:50 PM					Start Casing			
5:15 PM					Casing On Bottom			
5:25 PM					Drop Ball Break Circulation			
5:55 PM	4.7		280.0		Start Pumping H2O			15.00
6:00 PM	5.0		350.0		Start Mix & Pump 525 Sacks 65/35 6% Gel 3% CC 1/2 Lb PS			182.00
6:49 PM	4.0		275.0		Start Mix & Pump 225 Sacks 2 Gel 3% CC 1/2 Lb PS			57.00
7:05 PM					Shut Down Release 8 5/8 Top Rubber Plug			
7:07 PM	5.0		180.0		Start Displacement H2O			
					65 Out Circulate Cement			70.00
7:30 AM	2.0		1,000.0		Plug Down			111.00
7:32 PM					Release Pressure & Float Held			
					Good Circulation Through Job			
					WOC 2 Hours Per Bemle			
<b>TOTAL:</b>						-	-	435.00

**SUMMARY**

Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
5.0	4.1	1,000.0	417.0

**PRODUCTS USED**

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Treater: Todd Seba

Customer: Juan Tinoco



**TREATMENT REPORT**



**HURRICANE SERVICES INC**

<b>Customer:</b> Murfin Drilling Co.Inc.	<b>Date:</b> 11/6/2017	<b>Ticket No.:</b> 100828
<b>Field Rep:</b> Juan Tinoco		
<b>Address:</b>		
<b>City, State:</b>		
<b>County, Zip:</b>		

<b>Field Order No.:</b> 100828	<b>Open Hole:</b>	<table border="1"> <thead> <tr> <th>Perf Depths (ft)</th> <th>Perfs</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr> <td><b>Total Perfs</b></td> <td><b>0</b></td> </tr> </tbody> </table>	Perf Depths (ft)	Perfs																							<b>Total Perfs</b>	<b>0</b>
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<b>Total Perfs</b>	<b>0</b>																											
<b>Well Name:</b> Jacquart # 1-28	<b>Casing Depth:</b>																											
<b>Location:</b> Johnson City	<b>Casing Size:</b>																											
<b>Formation:</b>	<b>Tubing Depth:</b> 1800'																											
<b>Type of Service:</b> Rotary PTA	<b>Tubing Size:</b> 4 1/2 DP																											
<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> Droll Pipe	<b>Total Depth:</b> 1774'																											

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbis)
	FLUID	N2/CO2	STP	ANNULUS				
5:00 PM					Called Out			
11:00 PM					On Location Rig Laying Down Pipl			
11:30 PM					Trucks On Location Hold Safety Mtg Spot & Set Up Trks			
					1 St Plug @ 1800' 50 Sacks 60/40 4% Gel			
2:37 AM	3.5		160.0		Start Pumping H2O			10.00
	3.5		160.0		Start Mix 50 sk 60/40 4% Gel			12.65
	3.5		140.0		Start Displacement H2O			22.31
2:50 AM					Shut Down PDPOOH			
					2 nd Plug @ 700' 50 Sacks 60/40 4% Gel			
3:50 AM	3.5		100.0		Start Pumping H2O			5.00
	3.5		125.0		Start Mix 50 sk 60/40 4% Gel			12.65
	3.5		100.0		Start Displacement H2O			8.64
3:56 AM					Shut Down PDPOOH			
4:38 AM	3.0				3 rd Plug @ 60' 30 Sacks 60/40 4% Gel			7.58
4:55 AM	3.0		100.0		Rat Hole 30 Sacks 60/40 4% Gel			7.68
4:58 AM	3.0				Mouse Hole 20 Sacks 60/40 4% Gel			
5:10 AM					Wash Up & Rack Up Trucks			
5:30 AM					Off location Thank You Please Call Again Brad Cody Zach			
<b>TOTAL:</b>								<b>86.41</b>

**SUMMARY**

Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
3.5	3.3	160.0	126.4

**PRODUCTS USED**

170 Sacks 60/40 4% Gel

Treater: Brad Starks

Customer: Juan Tinoco