

**TREATMENT REPORT**



**COPY**

**HURRICANE SERVICES INC**

<b>Customer:</b> Murfin Drilling Company Inc.	<b>Date:</b> 7/15/2017	<b>Ticket No.:</b> 100771
<b>Field Rep:</b> Ben Simminger		
<b>Address:</b>		
<b>City, State:</b>		
<b>County, Zip:</b>		

<b>Field Order No.:</b> 100771	<b>Open Hole:</b>	<b>Perf Depths (ft)</b>	<b>Perfs</b>
<b>Well Name:</b> Mears # 1-16	<b>Casing Depth:</b> 4897'		
<b>Location:</b> McDonald	<b>Casing Size:</b> 5.5 15.5 Lb		
<b>Formation:</b>	<b>Tubing Depth:</b>		
<b>Type of Service:</b> Longstring	<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> 4900'		
		<b>Total Perfs</b>	<b>0</b>

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)
	FLUID	N2/CO2	STP	ANNULUS				
7:00 PM					Called Out			
10:45 PM					On Location With Float Equipment			
					Run 117 Jt's 5.5 15.5 Lb			
					TD= 4900' TP= 4897' SJ= 21.43 AFU Float Shoe & LD			
					Turbolizers on Jt's 1-2-3-4-5-6-7-8-9-10-11-12-14-16-40-65			
					Cement Baskets Jt's 14-40-65- Scratcher 18			
12:45 AM					Trucks On Location			
11:00 PM					Start Casing			
1:00 AM					Casing On Bottom Drop Ball			
1:15 AM					Hook Up To Casing Break Circulation W/Rig Rotate 1 Hr			
					Start Pumping Preflushes			
2:30 AM	4.0		150.0		5 BBL's H2O			5.00
	4.0		150.0		12 BBL's Mud Flush			12.00
	4.0		150.0		5 BBL's H2O			5.00
2:40 AM	2.0		100.0		Plug Rat & Mouse Holes 50 Sacks Lead			
2:45 AM	4.3		320.0		Start Mix & Pump Lead @ 12 Lb/Gal Yield 2.61			116.00
	4.3				Start Mix & Pump Tai @ 14.8 Lb/Gal Yield 1.50			53.43
3:40 AM					Shut Down Clear Pump & Lines Drop LD Plug			15.00
<b>TOTAL:</b>						-	-	<b>458.43</b>

**SUMMARY**

Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
6.5	4.0	2,000.0	596.7

**PRODUCTS USED**

300 Sacks H-Con 200 Sacks H-Long

Treater: Todd Seba

Customer: Ben Simminger

**TREATMENT REPORT**



**HURRICANE SERVICES INC**

<b>Customer:</b> Murfin Drilling Company Inc.	<b>Date:</b> 7/5/2017	<b>Ticket No.:</b> 100762
<b>Field Rep:</b> Arturo		
<b>Address:</b>		
<b>City, State:</b>		
<b>County, Zip:</b>		

<b>Field Order No.:</b> 100762	<b>Open Hole:</b>	<b>Perf Depths (ft)</b>	<b>Perfs</b>
<b>Well Name:</b> Mears # 1-16	<b>Casing Depth:</b> 344'		
<b>Location:</b> McDonald	<b>Casing Size:</b> 8.625 23 Lb		
<b>Formation:</b>	<b>Tubing Depth:</b>		
<b>Type of Service:</b> 8 5/8 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> 345'		
		<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 with Trucks Hold Safety Meeting			
					Spot & Set Up Trucks			
					TD= 345' TP= 344.79 SJ=20'			
					Run 8 Jt's 23 Lb Csg Set @ 344' Centralizers Jt 1/2 1 Jt 4			
9:30 PM					Start Casing			
					Casing On Bottom			
10:45 PM					Hook Up To Casing & Break Circulation W/RIg			
11:00 PM	4.0		100.0		Start Pumping H2O			6.00
	4.0		160.0		Start Mix 285 Sacks Common 2% Gel 3% C.C. @ 15 Lb/Gal			69.03
	4.0		145.0		Start Displacement H2O			20.74
11:45 PM			200.0		Shut Down			
					Good Circulation Thru Job			
					Circulate 6 Bbl's Cement To Pit			
					Off Location			
					Thank You			
					Please Call Again			
					Todd Cody Sheldon			
<b>TOTAL:</b>						-	-	94.77

**SUMMARY**

Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
4.0	4.0	200.0	151.3

**PRODUCTS USED**

285 Sacks Common 2%Gel 3% Calcium Chloride

Treater: todd Seba

Customer: Arturo Cabezas