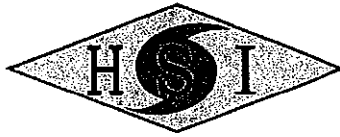


TREATMENT REPORT



HURRICANE SERVICES INC

Customer:	Murfin Drillind Company	Date:	3/23/2017	Ticket No.:	100726
Field Rep:	Arturo Cabezas				
Address:					
City, State:					
County, Zip:					

Field Order No.: **100726**
 Well Name: **Carolyn A #1-24**
 Location: **McDonald**
 Formation:
 Type of Service: **Conductor**
 Well Type: **Oil**
 Age of Well: **New**
 Packer Type:
 Packer Depth:
 Treatment Via: **Casing**

Open Hole:
 Casing Depth: **242'**
 Casing Size: **13 3/8 54.4**
 Tubing Depth:
 Tubing Size:
 Liner Depth:
 Liner Size:
 Liner Top:
 Liner Bottom:
 Total Depth: **250'**

Perf Depths (ft)	Perfs
Total Perfs	0

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)
	FLUID	N2/CO2	STP	ANNULUS				
5:00 PM					Called Out 3-22-17			
10:00 PM					On Location W/Trucks Hold Safety Meeting			
					Spot & Set Up Trucks			
					TD=250' TP=242 Leave 15' in Casing			
1:00 AM					Start Casing 3-23-17			
					Casing wouldn't go Pull Casing go back in with Drill Bit			
					Tried Several Times Declide get Reamer			
					3-24-17 TP=242'			
6:00 AM					Start Casing 3-24-17			
8:15 AM					Casing on Botom			
8:25 AM					Hook Up to Casing Break Ciculation W/Rig			
8:40 AM	4.0		150.0		Strat Pumping H2O			5.00
	4.0		250.0		Start Mix & Pump 400 Sx Common 2%Gel 3%CC 1/4#/SxSPS			101.00
					14.8#/Gal			
	4.0		250.0		Start Displacement H2O			
9:15 AM			300.0		Close Vavle on Casing			35.00
					Good Circulation During Job			
					Circulate 50 Sx to pit			
TOTAL:						-	-	141.00

SUMMARY

Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
4.0	4.0	300.0	237.5

PRODUCTS USED

400 Sx Common 2%Gel 3%CC 1/4#/Sx Pheno-Seal

Treater: Todd Seba

Customer: Arturo Cabezas

TREATMENT REPORT



HURRICANE SERVICES INC

Customer:	MURFIN	Date:	4/9/2017	Ticket No.:	50969
Field Rep:	GLEN				
Address:					
City, State:					
County, Zip:					

Field Order No.:	
Well Name:	CAROLYN A 1-24
Location:	MCDONALD, KS
Formation:	
Type of Service:	LONGSTRING
Well Type:	
Age of Well:	NEW
Packer Type:	
Packer Depth:	
Treatment Via:	CASING

Open Hole:	5076' 7 7/8"
Casing Depth:	5069.39
Casing Size:	5.5" 15.5 #
Tubing Depth:	
Tubing Size:	
Liner Depth:	
Liner Size:	
Liner Top:	
Liner Bottom:	
Total Depth:	

Perf Depths (ft)	Perfs
Total Perfs	0

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbbls)
	FLUID	N2/CO2	STP	ANNULUS				
12:00 PM					ON LOCATION TO RUN FLOAT EQUIPMENT			
					RUN 119 JTS 15.5# 5.5 CASING WITH FLOAT EQUIPMENT			
					TRUCKS ON LOCATION			
					SAFETY MEETING, SPOT IN, AND RIG UP			
4:00 AM					CIRCULATE ON BOTTOM			
5:00 AM					HOOK UP TO CEMENT			
	5.0		500.0		PUMP 5 BBL WATER			5.00
	5.0		500.0		PUMP 12 BBL MUDFLUSH			12.00
	5.0		500.0		PUMP 5 BBL WATER			5.00
	2.0		150.0		PLUG RAT HOLE			7.58
	2.0		150.0		PLUG MOUSE HOLE			5.00
	5.0		470.0		MIX AND PUMP LEAD CEMENT			156.00
	5.0		200.0		MIX AND PUMP TAIL CEMENT			54.00
					STOP			
					WASH PUMP AND LINES			
6:00 AM					RELEASE PLUG			
	6.0		200.0		START DISPLACEMENT			
	6.0		300.0		FIRST 50 BBL 2% KCL WATER			50.00
TOTAL:						-	-	416.58

SUMMARY

Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
6.0	4.4	2,000.0	555.8

PRODUCTS USED

300 SACKS H-CON AND 200 SACKS H-LONG

Treater: JAKE HEARD

Customer: GLEN