

TREATMENT REPORT



HURRICANE SERVICES INC

Customer:	Murfin Drilling Inc	Date:	9/25/2018	Ticket #:	ICT1417
Field Rep:	Nathan Witt				
Address:	PO Box 661				
City, State:	Colby, KS				
County, Zip:	67701				

Field Order No.:		Open Hole:		Perf Depths (ft)		Perfs
Well Name:	Gamblin 1-22	Casing Depth:	4946			
Location:	Cheyenne KS	Casing Size:	5 1/2			
Formation:		Tubing Depth:				
Type of Service:	Cement	Tubing Size:				
Well Type:	oil	Liner Depth:				
Age of Well:	New	Liner Size:				
Packer Type:		Liner Top:				
Packer Depth:		Liner Bottom:				
Treatment Via:		Total Depth:	4950			
				Total Perfs	0	

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)
	FLUID	N2/CO2	STP	ANNULUS				
6:00 PM					Arrive on location			
6:06 PM					Safety meeting			
5:10 PM					Rig up			
6:20 PM					Rig runs casing			
6:46 PM					Circulate			
7:10 PM					Run casing			
8:00 PM					Casing on bottom. Circulate 1 hr. Ball thru @			
9:00 PM	5.5		240.0		Pump 500 gls of Mudflush			12.00
9:10 PM	2.0		50.0		Plug MH and RH with 50 sks			23.00
9:20 PM	5.5		280.0		Mix 250 sks H Con 2.56 Yield			114.00
9:45 PM	6.5		220.0		Mix 200 sks H Long 1.50 Yield			53.50
10:20 PM	5.5				Release plug and displace			117.00
11:30 PM					Plug land @ 1900. Final lift was 1400			
11:40 PM					Wash up			
12:00 AM					Rig down			
12:05 AM					Depart			
					Turbos on 1-13 34 44 Baskets on 11-36-45			
TOTAL:								319.50

SUMMARY			
Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
5.5	4.8	280.0	197.5

PRODUCTS USED
300 sacks H-con, 200 sacks of H-long

Treater: Dave Retzlaff

Customer: [Signature]

TREATMENT REPORT



HURRICANE SERVICES INC

Customer:	Murfin Drilling INC	Date:	9/14/2018	Ticket #:	ICT1384
Field Rep:	Greg Condren				
Address:	PO Box 661				
City, State:	Colby, KS				
County, Zip:	67701				

Field Order No.:		Open Hole:	12 1/4	<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>Total Perfs</td> <td>0</td> </tr> </tbody> </table>	Perf Depths (ft)	Perfs																							Total Perfs	0
Perf Depths (ft)	Perfs																													
Total Perfs	0																													
Well Name:	Gamblin 1-22	Casing Depth:	386.81																											
Location:	Cheyenne KS	Casing Size:	8 5/8																											
Formation:		Tubing Depth:																												
Type of Service:	Cement	Tubing Size:																												
Well Type:	Oil	Liner Depth:																												
Age of Well:	New	Liner Size:																												
Packer Type:		Liner Top:																												
Packer Depth:		Liner Bottom:																												
Treatment Via:	Cement	Total Depth:	387																											

TIME	INJECTION RATE		PRESSURE		REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)
	FLUID	N2/CO2	STP	ANNULUS				
6:40 PM					Arrive on location			
8:45 PM					Safety meeting			
6:50 PM					Rig up			
8:40 PM					Rig runs casing			
9:30 PM					Casing on bottom. Circulate			
9:50 PM	3.3		200.0		Mix 300 sks of Class A 3% cc 2% gel .26 flo 1.41 Yield			76.50
10:15 PM	3.3		200.0		Displace			23.25
10:26 PM	3.3		160.0		End displacement Shut in well			
10:30 PM					Wash up			
10:36 PM					Rig down			
10:45 PM					Depart location			
					Approx 10 bbls to pit			
TOTAL:								98.75

SUMMARY			
Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
3.3	3.3	200.0	183.3

PRODUCTS USED
 300 sacks, 3% CC, 2% gel, 1/4#/sk flo seal

Treater: Dave Retzloff

Customer: Greg Condren