TREATMENT REPORT

HURRICANE SERVICES INC

Customer:	Murfin Drilling INC	Date: 10/13/2018	Ticket #: ICT1462
Field Rep:	Greg Condren		
Address:	PO Box 661		
City, State:	Colby,KS		
County, Zip:	67701		

Field Order No.:		Open Hole:	
Well Name:	Verna Poore 2-7	Casing Depth:	303
Location:		Casing Size:	8 5/8
Formation:		Tubing Depth:	
Type of Service:	Cement	Tubing Size:	
Well Type:		Liner Depth:	
Age of Well:	New	Liner Size:	
Packer Type:		Liner Top:	
Packer Depth:		Liner Bottom:	
Treatment Via:	Cement	Total Depth:	303

Perf Depths (ft)		Perfs
	Total Perfs	0

TIME	INJECTION RATE FLUID	INJECTION RATE N2/CO2	PRESSURE STP	PRESSURE ANNULUS	REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)
9:30 PM					Arrive on location			
9:35 PM					Safety meeting			
9:40 PM					Rig up			
10:30 PM					Casing on bottom. Circulate			
10:40 PM	5.5		280.0		Mix 285 sks com 3%cc 2% gel .25 flo @1.41 yield			71.00
10:49 PM	5.0		270.0		Displace			18.00
10:55 PM			240.0		End displacement. Shut in well			
11:10 PM					Wash up			
11:20 PM					Rig down			
11:45 PM					Depart location			
					TOTAL:	-	-	89.00

SUMMARY

Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
5.5	5.3	280.0	263.3

PRODUCTS USED

285 sacks, 3% CC, 2% gel, 1/4#/sk flo seal

Treater: Dane Retzloff

Customer: _____

TREATMENT REPORT

HURRICANE SERVICES INC

Customer:	Murfin Drilling Co		Date:	10/22/2018	Ticket #: ICT1481
Field Rep:	Nathan				
Address:	250 N Water STE 300				
City, State:	Wichita	Kansas			
County, Zip:	Sedgwick	67202			

Field Order No.:		Open Hole:	
Well Name:	Vera Poore 2-27	Casing Depth:	4533.68
Location:	Rawlins KS	Casing Size:	5 1/2
Formation:		Tubing Depth:	
Type of Service:	Production	Tubing Size:	
Well Type:	Oil	Liner Depth:	
Age of Well:	New	Liner Size:	
Packer Type:		Liner Top:	
Packer Depth:		Liner Bottom:	
Treatment Via:	Oakley KS	Total Depth:	4540

Perf Depths (ft)		Perfs
	Total Perfs	0

TIME	INJECTION RATE FLUID	INJECTION RATE N2/CO2	PRESSURE STP	PRESSURE ANNULUS	REMARKS	PROP (lbs)	HCL (gls)	FLUID (bbls)
4:00 PM					Arrive on location			
4:05 PM					Safety meeting			
4:10 PM					Rig up			
7:00 PM					Run casing			
7:45 PM					Circulate 30 mins			
8:20 PM					Run casing			
8:45 PM					Casing on bottom. Ball thru @ 400 Circulate 1 Hr			
9:45 PM	3.0		330.0		Pump 500 gls of mudflush			12.00
9:50 PM	3.0		90.0		Plug RH and MH 50 sks H Con			23.00
9:57 PM	5.5		400.0		Mix 350 sks H Con @ 2.56 yield			159.50
10:22 PM	6.5		500.0		Mix 250 sks H Bond @ 1.63 yield			72.50
10:38 PM					Drop plug			
10:50 PM	5.5		2,200.0		Displace			107.00
11:20 PM					Final lift			
11:25 PM					Wash up			
11:35 PM					Rig down			
11:50 PM					Depart location			
					40 BBLS to pit			
					TOTAL:	-	-	374.00

SUMMARY

Max Fl. Rate	Avg Fl. Rate	Max PSI	Avg PSI
5.5	4.5	2,200.0	704.0

PRODUCTS USED

300 sks Hcon 250 sks H Bond

Treater: Dave Retzloff

Customer: