CEMENT TREATMENT REPORT

Customer:	Murfin Drilling	Well:	Red Poll 8-21	Ticket:	ICT1593
City, State:	Wichita Ks	County:	Lincoln CO	Date:	11/21/2018
Field Rep:	Ray Bland	S-T-R:	21-10-56	Service:	Cement

Downhole Information	
Hole Size:	in
Hole Depth:	ft
Casing Size:	in
Casing Depth:	ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Depth:	ft
Displacement:	bbls

Slurry	
Weight:	14.8 # / sx
Water / Sx:	6 6/7 gal / sx
Yield:	1 2/5 ft^3 / sx
Bbls / Ft.:	
Depth:	432 ft
Volume:	bbls
Excess:	100% %
Total Slurry:	68 bbls
Total Sacks:	300 sx

Cement Blend		
Product	%	#
Class A	100.0	28200
Gel	2.0	564
CaCl	3.0	846
Total		29,610

TIME	RATE	PSI	BBLs	REMARKS	TIME	RATE	PSI	BBLs	REMARKS
12:45 AM				Arrive					
12:50 AM				Safety Meeting					
12:55 AM				Rig up					
6:05 AM				Rig runs casing					
8:20 AM				pipe on bottom/ Circulate					
8:45 AM	4.0	600.0	75.0	Mix 300sks at 14.8ppg,1.41 yield					
9:25 AM	4.0	600.0	26.3	Displace					
9:35 AM		300.0		End displacement/ Shut in well					
9:45 AM				Wash up					
9:55 AM				Rig down					
10:10 AM				Depart					
				Approx 10 bbls to pit					

CREW		UNIT
Cementer:	Travis	
Pump Operator:	Paul	
Bulk #1:	Glen	
Bulk #2:		

SUMMARY		
Average Rate	Average Pressure	Total Fluid
4 bpm	500.00 psi	101.25 bbls

Hurricane Services, Inc.
250 N. Water
Wichita, KS 67202