



CEMENT TREATMENT REPORT

Customer:	Murfin Drilling INC	Well:	Sutton #4-8	Ticket:	ICT1646
City, State:	Wichita Ks	County:	Rawlins	Date:	12/19/2018
Field Rep:	Greg Condren	S-T-R:	8-1S-35	Service:	Cement

Hole Size:	in
Hole Depth:	ft
Casing Size:	in
Casing Depth:	ft
Tubing / Liner:	in
Depth:	ft
Tool / Packers:	
Depth:	ft
Displacement:	bbls

Weight:	14.8 # / sx
Water / Sx:	6 7/8 gal / sx
Yield:	1 2/5 ft ³ / sx
Bbls / Ft:	
Depth:	ft
Volume:	bbls
Excess:	%
Total Slurry:	71.5 bbls
Total Sacks:	285 sx

Product	%	#
Class A	100.0	26790
Gcl	2.0	535
CaCl	3.0	803

Total	28,128
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TIME	RATE	PSI	BBLs	REMARKS	TIME	RATE	PSI	BBLs	REMARKS
6:36 PM				Arrive					
6:40 PM				Safety meeting					
6:45 PM				Rig up					
8:30 PM				Rig runs casing					
9:40 PM				Casing on bottom/ Circulate					
9:50 PM	4.6	300.0	71.5	Mix 285 sxs @ 1.41 yield					
10:10 PM	4.0	200.0	17.5	Displace					
10:20 PM		200.0		End displacement/ shut in well					
10:30 PM				Wash up					
10:45 PM				Rig down					
11:00 PM				Depart					
				Approx. 10 bbls to pit					

CREW			UNIT			SUMMARY		
Cementer:	Travis Williams	26.0				Average Rate	Average Pressure	Total Fluid
Pump Operator:	Paul Williams	231.0				4.26 bpm	233.33 psi	89.00 bbls
Bulk #1:	Lupo Martinez	165-256						
Bulk #2:								

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

Greg Condren



CEMENT TREATMENT REPORT

Customer: Murfin Drilling INC	Well: Sutton 4-8	Ticket: ICT1701
City, State: McDonald,KS	County: Rawlins	Date: 1/2/2019
Field Rep: Nathan Witt	S-T-R: 11-35-45	Service: Cementing

Downhole Information	
Hole Size:	7.875
Hole Depth:	
Casing Size:	5.8
Casing Depth:	4494
Tubing / Liner:	
Depth:	
Tool / Packer:	
Depth:	
Displacement:	108

Slurry	
Weight:	12.0/14.5 # / sk
Water / Sk:	15.48/7.41 gal / sk
Yield:	2.58/1.63 ft ³ / sk
Bbls / Ft:	
Depth:	ft
Volume:	bbls
Excess:	%
Total Slurry:	159.87/68 bbls
Total Sacks:	350/200 sk

Cement Blend		
Product	%	#
Class A	100.0	
Gel		
CaCl		
Metso		
KoSeal		
PhenoSeal		
Salt		

TIME	RATE	PSI	BBLs	REMARKS	TIME	RATE	PSI	BBLs	REMARKS
11:00 PM				Arrive on location					
11:05 PM				Safety meeting					
11:10 PM				Rig up					
11:12 PM				Run Casing					
1:10 AM				Casing on bottom					
1:30 AM				Circulate Ball thru @ 800					
3:00 AM	4.0	200.0	12.0	Mix 600 gal of Mudflush					
3:08 AM	3.0	100.0	23.0	Plug RH and MH with 60 sks					
3:20 AM	6.8	200.0	137.0	Mix 300 sks of H Con					
3:45 AM	6.8	220.0	58.0	Mix 200 sks of H Bond					
4:15 AM	6.8	300.0	108.0	Displace					
4:30 AM				Final lift 1800. Plug landed @ 2000					
4:40 AM				Wash up					
4:50 AM				Rig down					
6:15 AM				Depart					

	CREW		UNIT	SUMMARY		
				Average Rate	Average Pressure	Total Fluid
Cementer:	Dane Retzliff	78		4.7 bpm	204.00 psi	338.00 bbls
Pump Operator:	Dane /Miles	267				
Bulk #1:	Paul	181				
Bulk #2:	Alan	182				