



CEMENT TREATMENT REPORT

Customer:	Murfin Drilling Co	Well:	Soucie Kriss Unit #1-14	Ticket:	ICT2304
City, State:	Wichita, KS	County:	Thomas, KS	Date:	8/28/2019
Field Rep:	Calvin Pfannestell	S-T-R:	Sec 14 - T10S - R34W	Service:	PTA

Downhole Information	
Hole Size:	7 7/8 in
Hole Depth:	4895 ft
Casing Size:	8 5/8 in
Casing Depth:	307 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Depth:	ft
Displacement:	bbbls

Calculated Slurry	
Weight:	13.8 # / sx
Water / Sk:	6.90 gal / sx
Yield:	1.43 ft ³ / sx
Bbls / Ft.:	
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	240 sx

Product	% / #	#
Class A	60.00	13536
Poz	40.00	7104
Gel	4.00	826
CaCl		
Gypsum		
Metso		
Kol Seal		
Flo Seal	1/4	52
Salt (bww)		

TIME	RATE	PSI	BBLs	REMARKS	Total	21,517
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17:00				Called for Job		
20:30				Depart Oakley yard		
21:00				Arrive on locn. Rig RIH w/ DP to 2756'		
21:10				JSA, discuss moving on, spotting & rigging up equip		
21:16				Move on, spot & rig-up equipment		
21:50				Rig-up complete. Wait on rig		
22:00				DP @ 2756'. Rig fill & condition hole		
22:30				Make-up to DP		
				Plug #1 2756' - 2644'		
22:33	4.0	300.0	5.0	Pump water ahead		
22:35	4.0	300.0	12.7	Mix & pump 50sx @ 13.8ppg. Y - 1.43cuft/sk, MR - 6.9g/sk		
22:39	2.0	250.0	2.0	Pump water behind		
22:42	7.5		34.1	Rig displ w/ WBM		
22:48				Rig TOH w/ DP		
				Plug #2 1708' - 1285'		
23:40	4.0	200.0	5.0	Pump water ahead		
23:42	4.0	270.0	25.5	Mix & pump 100sx @ 13.8ppg. Y - 1.43cuft/sk, MR - 6.9g/sk		
23:49	5.2	180.0	17.7	Displ w/ H2O		
23:53				Shutdown		
23:55				Rig TOH w/ DP		
				Plug #3 357' - 164'		
1:05	4.0	190.0	12.7	Mix & pump 50sx @ 13.8ppg. Y - 1.43cuft/sk, MR - 6.9g/sk		
1:10	3.7	140.0	2.7	Displ w/ H2O		
1:11				Shutdown		
1:13				Rig TOH w/ DP, L/D Kelly & Rathole		
2:07	2.5	90.0	7.6	Plug Rathole w/ 13.8ppg cement		
2:11				Shutdown		
2:15	2.5	100.0	3.0	Plug surface w/ 13.8ppg cement		
2:20				Shutdown		
2:25				Wash-up pumps & lines		
2:45				JSA, discuss rigging down & racking up equipment		
2:50				Rig down & rack up equipment		
3:00				Rig down complete		
3:05				Depart locn		
				Thanks for calling Hurricane Svcs Inc.		

CREW		UNIT	SUMMARY		
Cementor:	Josh Mosler	230	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Kale Ochs	242	3.94545 bpm	202 psi	128 bbls
Bulk #1:	Scott Green	74			
Bulk #2:					