



CEMENT TREATMENT REPORT

Customer:	Murfin drilling co Inc	Well:	Nelson A 1-34	Ticket:	ICT2752
City, State:		County:	Rawlins KS	Date:	11/8/2019
Field Rep:	Jay	S-T-R:	34/4/33W	Service:	Surface

Downhole Information		Calculated Slurry		Product		
Hole Size:	12.25 In	Weight:	14.8 # / sx	Class A	100.00	26790
Hole Depth:	303.38 ft	Water / Sx:	6.88 gal / sx	Poz		
Casing Size:	8 5/8 In	Yield:	1.41 ft ³ / sx	Gel	2.00	536
Casing Depth:	303 ft	Bbbs / Ft.:	0.0735	CaCl	3.00	804
Tubing / Liner:	In	Depth:	303 ft	Gypsum		
Depth:	ft	Annular Volume:	22.27 bbbs	Metso		
Tool / Packer:		Excess:	200%	Kot Seal		
Depth:	ft	Total Slurry:	71.6 bbbs	Flo Seal	0.25	67
Displacement:	18.0 bbbs	Total Sacks:	285 sx	Salt (bww)		
				Total	28,196	

TIME	RATE	PSI	BBLs	REMARKS
3:30 PM				Arrive on location
3:35 PM				Safety meeting
3:40 PM				Rig up pump and lines
				Rig in process of running 8 5/8 casing
4:20 PM				Casing on bottom
4:23 PM				Rig up mud line to 8 5/8 surface head
4:28 PM				Rig circulates with mud
4:40 PM				Rig up 8 5/8 surface head to pump and lines
4:45 PM	1.0	290.0	2.0	Pump H2O ahead
4:48 PM	5.5	285.0	73.0	Mix 285 ske @ 14.8 ppg
4:55 PM	5.5	190.0	18.0	Start displacement
5:00 PM				End displacement
5:05 PM		180.0		Shut in well
5:10 PM				Wash up
5:25 PM				Rig down pump and lines
5:45 PM				Depart
				Approx. 5 BBLs to pit

CREW		UNIT	SUMMARY		
Cementor:	Dane	266	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Dane	266	4 bpm	236 psi	93 bbbs
Bulk #1:	Michael	181			
Bulk #2:					

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



CEMENT TREATMENT REPORT

Customer:	Murfin	Well:	Nelson A 1-34	Ticket:	ICT2786
City, State:		County:	Rawlins KS	Date:	11/16/2019
Field Rep:	Jay	S-T-R:	34-4-33	Service:	PTA

Downhole Information	
Hole Size:	7 7/8 In
Hole Depth:	ft
Casing Size:	In
Casing Depth:	ft
Drill pipe	4.5 In
Depth:	ft
Tool / Packer	
Depth:	ft
Displacement:	bbbls

Calculated Slurry	
Weight:	13.8 # / sx
Water / Sx:	6.89 gal / sx
Yield:	1.42 ft ³ / sx
Bbls / Ft.:	0.0406
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	64.5 bbls
Total Sacks:	255 sx

Product	% / #	#
Class A	60.00	
Poz	40.00	
Gel	4.00	0
CaCl		
Gypsum		
Metso		
Koi Seal		
Flo Seal	0.25	0
Salt (bww)		
Total		-

TIME	RATE	PSI	BBLs	REMARKS
11:00 PM				Arrive on location
11:05 PM				Safety meeting
11:10 PM				Rig up pump and lines
12:30 AM	2.0	330.0	6.0	Pump H2O ahead
12:35 AM	5.0	360.0	12.5	Mix 50 sks of H-Plug @ 13.8 ppg @ 2800 feet
12:40 AM	8.0	300.0	40.0	Displace with mud
12:55 AM				Rig pulls pipe
1:30 AM	6.0	290.0	25.0	Mix 100 sks @ 13.8 ppg @ 2060 feet and displace with mud
1:45 AM				Rig pulls pipe
3:00 AM	5.0		16.5	Mix 50 sks @ 13.8 ppg @ 350 feet and displace
3:10 AM				Rig comes out of hole
3:45 AM				Push 8 5/8 wiper plug down 40 feet
3:50 AM	2.0	90.0	2.5	Mix 10 sks @ 13.8 ppg
3:55 AM	3.0	90.0	7.5	Mix 30 sks for RH
4:00 AM	3.0	90.0	4.0	Mix 15 sks for MH
4:04 AM				Wash up pump and lines
4:12 AM				Rig down pump and lines
4:30 AM				Depart

CREW		UNIT	SUMMARY		
Cementer:	Dane	64	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Michael	266	4.125 bpm	221 psi	113 bbls
Bulk #1:	Josse	242			
Bulk #2:					

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