



CEMENT TREATMENT REPORT				
Customer:	Murfin Drilling	Well:	Jean A 1-7	
City, State:	Benkelman, NE	County:	Cheyenne, KS	
Field Rep:	Jay rig 3 pusher	S-T-R:	7-1S-37W	
Ticket:	ICT1979		Date:	4/26/2019
Service:	Cement			

Downhole Information	
Hole Size:	12.25"
Hole Depth:	330'
Casing Size:	8.625
Casing Depth:	330'
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Depth:	ft
Displacement:	19.75

Slurry	
Weight:	14.8 # / sx
Water / Sx:	6 5/7 gal / sx
Yield:	1 2/5 ft ³ / sx
Bbls / Ft.:	
Depth:	ft
Volume:	bbls
Excess:	120% %
Total Slurry:	71 bbls
Total Sacks:	285 sx

Cement Blend		
Product	%	#
Class A		26790
Gel		535
CaCl		803
Metso		
KolSeal		
PhenoSeal		
Salt		

Total 28,128

TIME	RATE	PSI	BBLs	REMARKS	TIME	RATE	PSI	BBLs	REMARKS
730pm				Arrival					
735pm				Safety meeting					
740pm				Rig up equip					
8pm				Run in casing					
925pm				Circulate casing					
935pm	5.0	200.0	90.8	Cement and displace					
955pm		200.0		Shut in head					
				Wash up and rig down equip					
				Depart					
				Cement did circulate 3 bbls to pit					

CREW		UNIT	SUMMARY		
Cementer:	Miles Shaw	73.0	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Paul Williams	231.0	5 bpm	200.00 psi	90.75 bbls
Bulk #1:	John Polley	181.0			
Bulk #2:					



CEMENT TREATMENT REPORT

Customer: Murfin Drilling INC	Well: Jean A 1-7	Ticket: ICT 1997
City, State: Bird city KS	County: Cheyenne	Date: 5/7/2019
Field Rep: Nathan Witt	S-T-R: 7/1/37W	Service: Cement

Downhole Information	
Hole Size:	7 7/8
Hole Depth:	4700
Casing Size:	5.5
Casing Depth:	4693
Tubing / Liner:	
Depth:	
Tool / Packer:	
Depth:	
Displacement:	111

Slurry	
Weight:	12.0/14.8 # / sk
Water / Sk:	15.46/6.61 gal / sk
Yield:	2.56/1.50 ft³ / sk
Bbls / Ft:	0.0238
Depth:	ft
Volume:	
Excess:	25%
Total Slurry:	191
Total Sacks:	500

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

TIME	RATE	PSI	BBLs	REMARKS	TIME	RATE	PSI	BBLs	REMARKS	Total
7:00 AM				ARRIVAL						-
7:05 AM				SAFETY MEETING						
7:10 AM				RIG UP EQUIP						
7:30 AM				START RUNNING CASING						
8:36 AM				CIRCULATE CASING JNT 58 30 MINUTES						
9:00 AM				CIRCULATE CASING ON BOTTOM						
10:20 AM	6.0	350.0	32.0	MIX 500 GAL OF MUDFLUSH						
10:30 AM	3.0	200.0	8.0	PLUG MH AND RH WITH 50 SKS						
10:40 AM	5.5	400.0	114.0	MIX 250 SKS OF H CON						
11:00 AM	5.5	400.0	54.0	MIX 200 SKS OF H LONG						
11:15 AM	6.0	700.0	111.0	DISPLACE						
11:30 AM				FINAL LIFT 1300 PSI LANDED @ 2000						
11:40 AM				WASH UP						
11:50 AM				RIG DOWN						
12:00 PM				DEPART						

UNIT		SUMMARY			
Cementer:	Dane Retzliff	78	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Michael Rebarcek	231	5 bpm	410.00 psi	319.00 bbls
Bulk #1:	Alan Ryan	242			
Bulk #2:	John Polley	181			