



CEMENT TREATMENT REPORT

Customer:	Mull Drilling	Well:	BSR A #1-19	Ticket:	WP-1998
City, State:	Oakley KS	County:	Lincoln CO	Date:	10/18/2021
Field Rep:	Charles Ramsey	S-T-R:	19-12S-53W	Service:	PTA

Downhole Information	
Hole Size:	7 7/8 in
Hole Depth:	6115 ft
Casing Size:	13 3/8 in
Casing Depth:	385 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	106.1 bbbls

Calculated Slurry - Lead	
Blend:	H-Plug
Weight:	15.6 ppg
Water / Sx:	5.2 gal / sx
Yield:	1.18 ft ³ / sx
Annular Bbls / Ft.:	0.0602 bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbbls
Excess:	
Total Slurry:	53.5 bbbls
Total Sacks:	255 sx

Calculated Slurry - Tail	
Blend:	
Weight:	ppg
Water / Sx:	gal / sx
Yield:	ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbbls
Excess:	
Total Slurry:	0.0 bbbls
Total Sacks:	0 sx

TIME	RATE	PSI	BBLs	STAGE TOTAL BBLs	REMARKS
1:30a.m.			-	-	Arrival
1:35a.m.				-	Safety Meeting
1:40a.m.				-	Rig up
3:25a.m.	4.1	380.0	5.0	5.0	H2O ahead
3:28a.m.	4.9	270.0	4.9	9.9	Mixed 100 sks @ 15.6 ppg @ 6115'
3:35a.m.	4.1	270.0	10.0	10.0	Displaced H2O with Truck
3:38a.m.	80.0		78.0	88.0	Displaced with rig mud 590 strokes total
3:46a.m.				88.0	Pull pipe to 4074'
3:47a.m.				88.0	Drill pipe stuck / Tool pusher no where to be found.Hands couldn't get kelly in Rathole to start lay down
12:48p.m.	4.0	250.0	5.0	93.0	H2O ahead
12:55p.m.	4.0	230.0	5.0	98.0	Mixed 40 sks @ 15.6 ppg @ 4074'
1:00p.m.	4.0	200.0	5.0		Displaced H2O
1:03p.m.	6.3	350.0	50.0		Displaced with mud from Truck
1:15p.m.					Pull pipe to 2927'
4:08p.m.	4.0	170.0			H2O ahead
4:09p.m.	5.0	180.0	5.0		Mixed 40 sks @ 15.6 ppg @ 2927'
4:13p.m.	5.2	160.0	39.3		Displaced H2O
4:25P.M.					Pull pipe to 400'
11:00p.m.	5.0	170.0	5.0		H2O ahead
11:03p.m.	6.2	250.0	6.2		Mixed 40 sks @ 15.6 ppg @ 400'
11:08p.m.	5.6	250.0	5.6		Displaced H2O
11:12p.m.					Pull pipe to 40'
12:20a.m.	4.5	150.0	3.2		Mixed 20sks @ 15.6 ppg @ 40'
12:24a.m.	3.0	100.0	1.0		Mixed 10sks @ 15.6 ppg @ Rathole
12:29a.m.	3.0	120.0	1.0		Mixed 5 sks @ 15.6 ppg @ Mouse hole
12:31a.m.					Plug down
12:35a.m.					Wash up

CREW		UNIT	SUMMARY		
Cementer:	Jesse J	78	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Michael R	230	9.0 bpm	219 psi	229 bbbls
Bulk #1:	John P	194/254			
Bulk #2:					

12:41a.m. Rig down
 1:15a.m. Depart Location