



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 bbls

Calculated Slurry - Lead

Blend: H-Plug

Weight: 15.6 ppg

Water / Sx: 5.2 gal / sx

Yield: 1.18 ft³ / sx

Annular Bbls / Ft.: 0.0602 bbs / ft.

Depth: ft

Annular Volume: 0.0 bbls

Excess:

Total Slurry: 53.5 bbls

Total Sacks: 255 sx

Calculated Slurry - Tail

Blend:

Weight: ppg

Water / Sx: gal / sx

Yield: ft³ / sx

Annular Bbls / Ft.: bbs / ft.

Depth: ft

Annular Volume: 0 bbls

Excess:

Total Slurry: 0.0 bbls

Total Sacks: 0 sx

TIME	RATE	PSI	BBLs	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

Pump Operator: Michael R

230

Bulk #1: John P

194/254

Bulk #2:

Average Rate

Average Pressure

Total Fluid

9.0 bpm

219 psi

229 bbls

12:41a.m.

Rig down

1:15a.m.

Depart Location