

as a large percentage of the water that in this way becomes mixed with the small amounts of pulp and pregnant solution has to be allowed to run to waste with the discharged cakes of slime. Therefore, the less opportunity there is for any such mixing, whether accidental or unavoidable, the better. Hence my reason for saying that a loading-vat in which the cake is made should be used for that purpose alone. And the same reasoning holds good as regards pipe-lines and pumps for moving pulp containing pregnant solution.

Since commencing this contribution, Mr. E. H. Nutter, of the Liberty Bell mill at Telluride, has given us a further article on the Moore filters in use there, slightly changing the figures as shown in the table I have given for time consumed per cycle, which change no doubt comes from over a year's further experience with the plant. I am hoping that he will furnish us with some valuable figures from recent operations there, and that Mr. Mark R. Lamb will do the same with reference to the more recent installations of the Butters system in Mexico, for the benefit of the readers of the *Mining and Scientific Press*.

A. G. KIRBY.

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