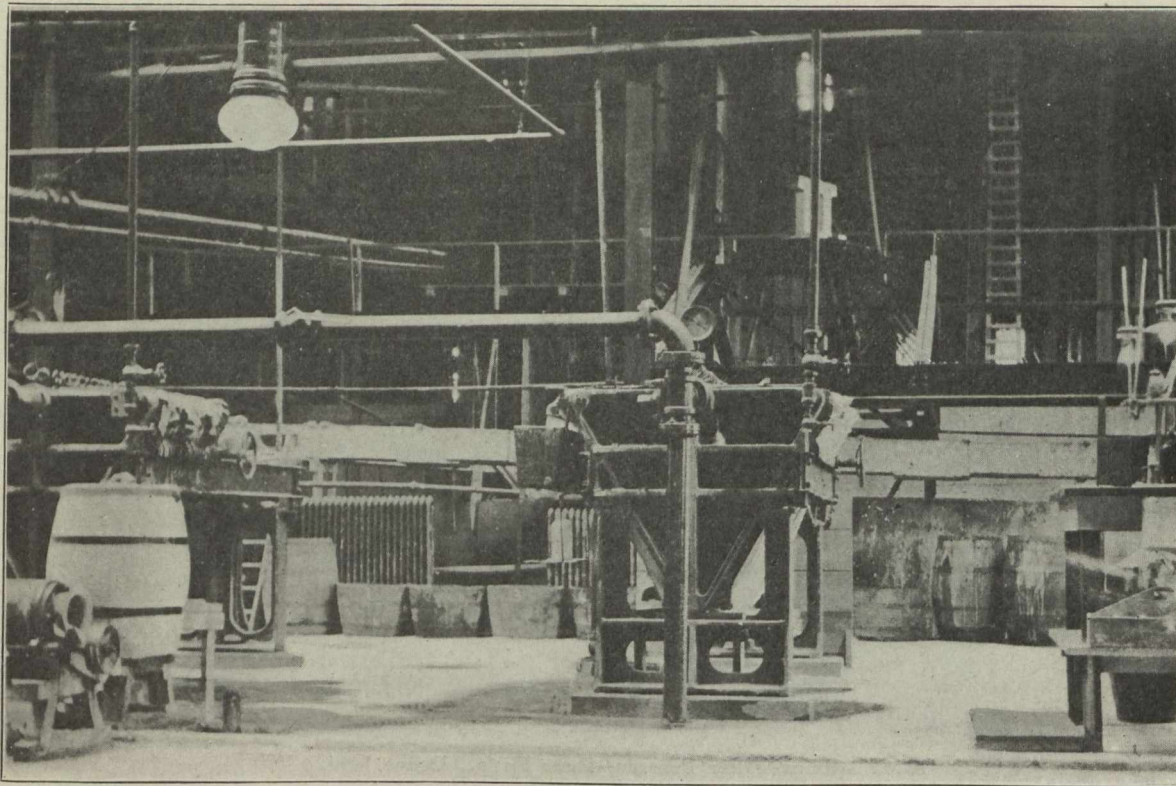


through the cakes of slime for washing out the dissolved gold remaining in the cakes. During this washing period it has been noticed that a perceptible extraction of undissolved gold takes place. The time allowed for washing is determined by the operators who

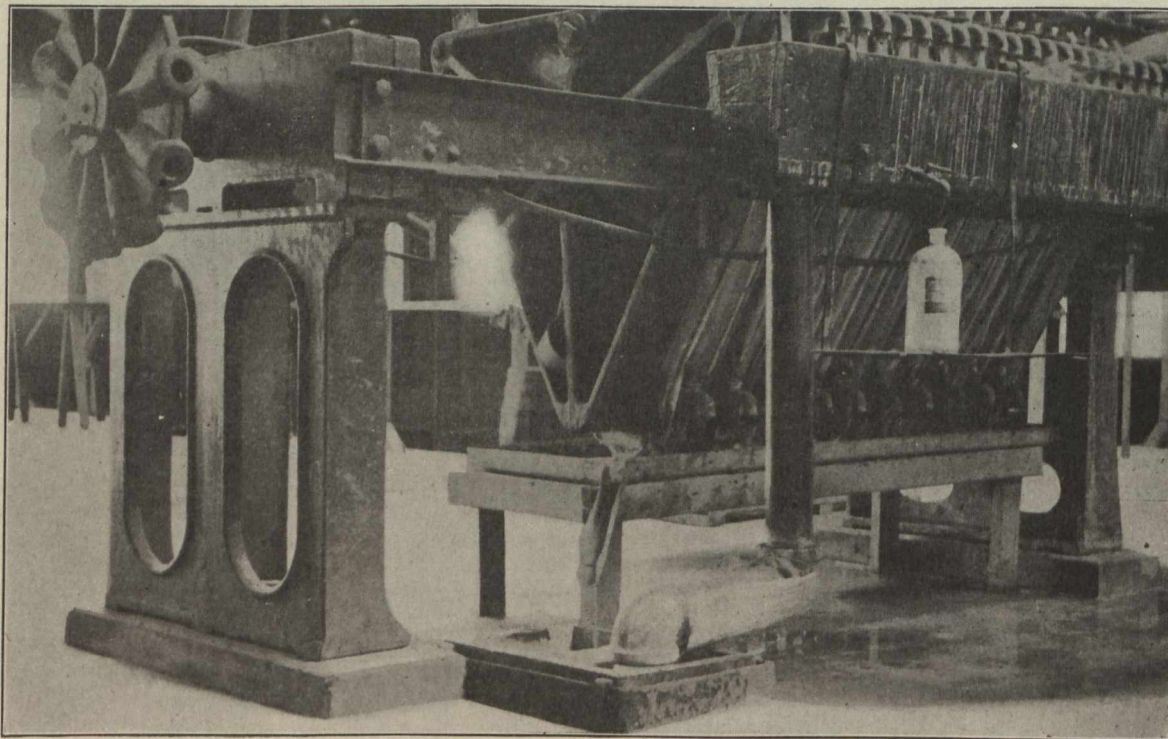
valves are opened, and then the mechanism for sluicing out the residues is started. The time required for discharging a press is usually about 50 minutes. The residues discharged from the filter presses with the sluicing water are collected in two 25' x 10' Dorr slime



One of two Merrill 52 in. Precipitating Presses. Dome Mill.

measure the rate of the solution passing through the presses, so that approximately one ton of wash solution will be passed for every ton of dry slime in the charge. After washing is complete, the discharge

thickening tanks, in which the excess water used for sluicing is recovered while the thickened slime residues, at a consistency of about 2 of water to 1 of solids, are allowed to run out to waste.



Merrill Precipitating Press. Dome Mill.