

NEW MILLING PRACTICE IS A DECIDED SUCCESS

McEwen, Arthur & McEwen, who recently took over the Imperial under lease and bond and installed a plant at the property, have introduced a mill practice which is new in the district, and which promises great results.

It is a coarse crushing process with the object of eliminating dimes as much as possible. And all reports agree that it is working admirably. A difficulty hitherto encountered is the fact that the ores of the district tend toward sliming, which, as is well known, militates against a high saving.

Stated briefly, the ore at the Imperial is put through light stamps

which have the effect of breaking rather than crushing, thereby allowing the metallic particles to retain their original shape, where finer crushing would cause them to float away. Hand jigs are then used for the separation of the ore from the gangue. This latter arrangement, however, is only provisional. Later Wilfley tables will be installed for separation, and the product will be ground in a Huntington mill and run over a Johnson concentrator. This process reduces sliming to the minimum and effects a high degree of saving.

The Imperial is now shipping better than three tons a day to the smelter.

NEW YORK'S 1320 MILLIONAIRES

It is estimated that there are in New York City today 1,320 millionaires, as against 294 in 1880 and twenty five in 1853. There were no millionaires in New York 100 years ago. The first person to reach that distinction was John Jacob Astor, who became a millionaire about 1820. Six years before that the richest man in the city was Isaac Classon, who swore that he was worth \$750,000.

There is always a great deal of uncertainty in estimating the wealth of a person known to be a millionaire. Usually his wealth is greatly exaggerated. According to a prominent Wall street banker, however, there are at least four persons in New York who are worth \$100,000,000. They are John D. Rockefeller, William Rockefeller, Andrew Carnegie, and J. Pierpont Morgan. John D. Rockefeller is undoubtedly the wealthiest individual in the United States, the most conservative estimates placing his wealth at fully \$500,000,000. Andrew Carnegie is the second wealthiest person, being worth about \$300,000,000. The wealth of William Rockefeller and J. Pierpont Morgan is placed somewhere between \$100,000,000 and \$200,000,000 each.

These figures are the estimates of a Wall street banker who is in an exceptional position to speak authoritatively on such a subject. There are a number of persons in New York who are worth at least \$50,000,000. Among them are John Jacob Astor, Alfred Vanderbilt, Russell Sage, George Gould, E. H. Harriman, D. Willis James and George F. Baker.

Hetty Green is probably the wealthiest woman in the United States. Her wealth is estimated at about \$30,000,000.—Exchange.

Richest Sulphur Mine in the World.

The richest mine of sulphur in the world occurs in southwest Louisiana, at Sulphur City, in Calcasieu parish. It is now shipping over 500 tons of sulphur daily and will, it is said, increase this output in the near future

to 1,500 tons. From borings made by the company now working this mine, at least 40,000,000 tons of sulphur underlie their lands. A novel process for working this sulphur prevails. Superheated water is forced through a pipe into the sulphur, which, being heavier than water, falls to the bottom and is pumped up in a liquid condition through a smaller pipe, inclosed in the larger one, through which superheated water is forced. The melted sulphur is drawn into tanks, where it solidifies. After solidification, it is broken up and shipped. No more attractive sight could be desired than to see several acres of solid sulphur, five to eight feet thick, adjoining the works of the Union Sulphur company. The presence of this vast bed of sulphur justifies further exploitation in this section of the state for this valuable mineral, and hopes are strongly entertained that some of the many borings for oil in this section will reveal valuable beds of sulphur.

Portage Road Contract Signed.

Portland, Sept. 8.—A contract was signed today by the state board of railway commissioners and the Oregon Open River association, by which the association agrees to secure a contract to build the portage railroad around the dalles of the Columbia. This association also agrees to provide such additional sum over the \$162,200, balance remaining of the original state appropriation, as may be necessary to complete the road. The association is given thirty days to secure a contractor and be in a position to meet the state board and enter into a detailed contract covering the conditions of the construction.

Off for Alaska.

W. T. W. Elmer, the consulting engineer, left this afternoon for Alaska on special work, to be gone about sixty days. Mr. Elmer's headquarters will be at the Occidental Hotel, Juneau, while away.

Savings Bank Money Coming West.

Managers of New York city savings banks in the last few weeks have been noting a curious and interesting fact. It is the withdrawal of their money by old and steady de-

positors who were known to be prosperous and in no need of their reserves of cash. Such withdrawals naturally put a careful bank manager upon inquiry to ascertain whether any unknown influence was affecting adversely the credit of the bank. It was speedily discovered that no such influence was at work. These depositors, men with accounts ranging from \$100 to \$1,000, were taking out their money because they saw that they could get far better returns than the savings banks could give them, by investing in stocks of the various companies brought to their attention. It is said that during the past six months five million dollars has been withdrawn from New York City savings banks for investment in western enterprises alone. The average savings bank depositor is winking up.—National Banker.

Beautiful Columbia River Folder.

The passenger department of the Oregon Railroad & Navigation company has just issued a beautiful and costly panoramic folder entitled "The Columbia River, Through the Cascade Mountains, to the Pacific Ocean." From Arlington to Portland, and from Portland to the Pacific ocean, every curve of the river and every point of interest are shown, while Mount Hood, Mount Adams, and Mount St. Helens, perpetually covered with snow, stand in all their beauty. On the back of the map is an interesting story in detail of the trip from Huntington to Portland and, from Portland to the ocean, not overlooking the beaches and the San Francisco trip by ocean. Acopy of this folder may be secured by sending four cents in stamps to pay postage to A. L. Craig, General Passenger agent for the Oregon Railroad & Navigation company, Portland, Oregon. By sending the address of some friend in the east, and four cents in postage, the folder will be promptly mailed.

To Visit Gold Coin.

Tom Kennerly, manager of the Gold Coin, in the Greenhorn district, and E. R. Willets, of New Jersey, treasurer of the company, were on the train from Baker City this morning. Mr. Willets with a number of friends has been on a tour of the Pacific coast, and improved the opportunity of visiting the property.

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