

## AN EVEN DOZEN NEW SMELTERS

Have Been and Will be  
Blown in This Year  
in the West.

At least twelve copper smelting enterprises in the West will have been added to the list of producers in the United States before the present year expires. Some of these plants are already in operation, while others will not be completed or be in position to produce copper until well toward the end of the year. Though most of the plants have been constructed largely with a view of treating copper ores, yet the necessary facilities have been provided in them of treating gold and silver-bearing rock as a by-product. None of these furnaces has been permanently in operation before the present year, so that the figures given do not cover properties, previously closed, which may or may not blow in during the year. Of the reduction plants mentioned all are ready to be used, though only six are at present in commission. Enumerated by states they are as follows: Arizona, 2; Colorado, 1; Idaho, 2; Michigan 1; Montana, 2; Oregon, 1; Utah, 1; Washington, 1; total, 11.

In Arizona the new Copper Queen company's furnaces at Douglas will be in a position by July 1 to treat 2,500 tons of copper ore a day. While this plant is new, its product will not in its entirety be calculated as new production, for the Copper Queen company's old smelter at Bisbee is to be shut down. At Jerome the new smelter of the Equator property was sufficiently advanced in construction in 1903 to be considered as an improvement of that year, hence its existence is not taken into consideration in this estimate. The Troy-Manhattan furnace, while of small calibre, will produce about one ton of copper a day. No place is given in this list to the Shannon, Old Dominion, Calumet & Arizona and Val Verde plants, as they were completed in 1903 or before that date. The Old Dominion smelter at Globe, while it is being extensively enlarged, is, nevertheless, an old plant.

Operations in Colorado are promised at the Ouray smelter and San Juan plant at Silverton, but their output is small and they have been in operation before. The Ohio & Colorado company at Leadville is operating a new plant that will give a good account of itself. The plant, however, is not adapted to copper ores. It was built to treat the silver-lead-iron ores of that camp. There is a belief that the American Smelting & Refining company will construct a smelter at Boulder, Colorado. This statement has not been officially verified, however.

In Idaho the White Knot smelter at Mackay and the small plant put up at Mineral City by the Ladd's Metal company are both new properties which made their first run during the year. Prior to 1904 the Mackay smelter, while erected, had been operated only in a desultory fashion.

In Michigan the Michigan Smelting company, which will smelt ore of the Baltic, Champion, Tri-Mountain,

Atlantic and Wolverine companies, is the only new addition to the smelting resources of that state.

In Montana the Pittsburg & Montana company has its furnaces near Butte ready to blow in, but before beginning its steady run the mine is to be developed down to the 1,250-foot level. The other new plant, near Basin, owned by the Cataract company, is not working now, though promises are held out that it will soon be running. A trial is the extent of operations at the mine thus far.

The Sumpter smelter in Oregon has been ready more than a year, and is soon to begin operations. It is believed the plant will handle concentrates from the nearby mines.

In Utah the year has already witnessed the Utah Copper company's work, near Bingham, and while this company has its concentrates treated at a custom plant, its output will have an important influence upon Utah's copper production. The Newhouse mines at Newhouse will be producing before the end of the year.

The Utah Consolidated company's Highland Boy smelter at Bingham, Utah, has entered upon a new career with twenty McDougall roasters and nine reverberatory furnaces in operation. As compared with the old equipment, this is an increase of two reverberatories and twelve McDougall roasters. The enlargements will allow of the handling of possibly more than 800 tons of ore a day in the near future, as against from 525 to 550 tons previous to making the additions stated.

What will happen to the Majestic smelter at Milford, Utah, cannot be foretold, though it is not probable that it will be working in 1904. Considerable mine development must be accomplished before the smelter will be in a position to treat the ore produced. Nearly all of the other smelters at Bingham have increased their smelting facilities during the year.

In Washington, the Everett smelter, Everett, recently purchased by the American Smelting & Refining company, is to be operated during the year.

In Wyoming, though the Grand Encampment smelter at Encampment has been ready for two years, continuous production has never been witnessed before this year.—New York Commercial.

### Malheur County Irrigation.

Mr. Will R. King, the well known lawyer and editor of Opatric, who was in the city yesterday is quite enthusiastic over the development of the agricultural resources of Malheur county. He says there is not a richer or better county in the entire state, and Mr. King ought to know. Speaking of the government irrigation works in progress there, Mr. King said that the government engineers are at work in a systematic manner and are testing the bed rock with diamond drills in order to be fully and thoroughly posted in regard to the sub soils as a guide to the most scientific surface work in the erection of reservoirs and ditches. Mr. King added that in a few days there would be a general meeting of the people at which there is little doubt that the contracts with the government will be fully ratified.—Democrat.

FOR SALE—New set light harness, one second hand wagon and two trucks. Sumpter Lumber company, Sumpter, Oregon.

## MONEY READY TO MAKE PAYMENT ON RED BOY

N. C. Richards, attorney for Receiver Thompson of the Red Boy, returned this morning from Baker City, where he was in conference with officials of this corporation. Mr. Richards gives it as his opinion that Red Boy matters will reach a final settlement satisfactory to all concerned within a day or so, which will mean, of course, the liquidation of outstanding obligations and the resumption of work at the property.

The balance of the purchase price is up, and it is only a question of the presentation of some minor accounts, and the reaching of some agreements, the details of which have not yet been fully determined, that the final adjustment is dependent upon. The first payment of \$4,000 was made at the time of the sale, the confirmation of which now awaits upon the tender of the remainder of the purchase price, \$80,000. This, as stated, is ready, and the sale will be confirmed as soon as the stockholders agree among themselves as to the minor details mentioned. Mr. Richards is positive that this will require only a very brief time. Mr. Richards had some matters at home which demanded his attention, and he could not remain longer.

## BIG MINING DEAL SAID TO BE ON HANDS

T. W. Davidson and A. B. Browne left this afternoon for Huntington. Mr. Davidson will probably return tomorrow, but Mr. Browne will remain several days investigating some Snake river mining proposition, regarding which the firm has a deal pending.

The exact nature of it is not known, and the principals are not giving out any very definite information, but it is incidentally learned that there is a big mining transaction on hand which is likely to be consummated within the next ten days. Just what the nature of it is is not stated.

### D. R. & N. SUMMER BOOK.

The handsome 1904 summer book, "Restful Recreation Resorts," issued by the passenger department of the Oregon Railroad and Navigation company, is just out. It tells all about the summering places of the Columbia river valley—a brief description of the trips up and down the Columbia river, to the mountains, beaches, inland resorts and fountains of healing, where they are and how to reach them. The book has a special designed front cover, printed in two colors, and the inside pages are splendidly illustrated by costly and beautiful half-tones. A copy of this publication may be obtained by sending two cents in stamps to A. L. Craig, general Passenger agent of the Oregon Railroad and Navigation company, Portland.

### Don't Go to St. Louis

'Till you call at or write to the Chicago, Milwaukee and St. Paul railroad. Office 134 Third Street, Portland, Oregon. Low rates to all points East, in connection with all transcontinentals.

W. S. ROWE, General Agent, Portland, Oregon.

## THE SUMPTER GOLD BELT MINING COMPANY

CAPITALIZATION \$100,000

F. C. BRODIE, - President  
M. F. MUZZY, - Vice President  
F. O. BUCKNUM, - Sec. and Treas.  
C. H. CHANCE, - Attorney  
C. H. FENNER, - Engineer

OPERATES MINES IN THE  
GREENHORN AND SUMPTER  
DISTRICTS

Sumpter, - Oregon

## THE NATIONAL BANKER

84 86 La Salle St.

CHICAGO, - ILLINOIS

A journal of National circulation. Is read by bankers, capitalists, investors, retired merchants. If you want to reach a good class of buyers and the moneyed and investing public, advertise in the National Banker. Thousands of copies of each issue of the National Banker goes to investors throughout the Middle West, Eastern and New England states. The best journal in the country in which to reach investors. Sample copies free. Advertising rates on application.

### SPECIAL NOTICE

If you want to read a free and independent paper, devoted to the interest of mining and current events, which is not controlled by any promoting concern, such as most of the papers in the east are, send for a free sample copy of

NEW YORK BANKER

23 BROADWAY, NEW YORK

## FREE! FREE!! FREE!!!

\$5.00 Certificate of the best Oil Stock absolutely given away. Write at once for plan how to secure Five Dollars' worth of fully paid and non-assessable Oil Stock without cash.

### INVESTORS' LISTS COMPANY

Room 729 Park Row Bldg.

NEW YORK

## ATTENTION!

Do you desire to sell stock in your Gold, Copper, Mining or other Industrial companies? If so, you cannot find a better advertising medium than

### THE DIXIE MANUFACTURER

BIRMINGHAM, ALABAMA.

It is the leading industrial and financial paper published in the South. It reaches that class of readers who are interested in financial and industrial affairs. It is old and established. Published semi-monthly. Guaranteed circulation 10,000. Subscription price \$2.00 per year. Advertising rate reasonable. Send for sample copy and advertising rates. Address,

Rountree Publishing Company

Birmingham, - Alabama.