

MOHAVE COUNTY MINER

and
OUR MINERAL WEALTH

Official Paper of Mohave County
Issued Weekly by the
MOHAVE PRINTING and PUBLISHING COMPANY
Entered as second-class matter at the postoffice at Kingman,
Mohave County, Arizona, under Act of Congress of Mar. 1, 1879.
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ARSON H. ELMER Mining Editor
Subscription rates \$2 per year, payable in advance.

WHY THE WEST IS INTERESTED IN COPPER INDUSTRY

Inasmuch as prosperity in the west is so closely identified with prosperous conditions in its basic industries such as mining, lumbering, etc., the following review of copper mining situation by the Arizona Chapter of the American Mining Congress, is of particular interest at this time.

The average cost of copper produced in Arizona during 1918 is estimated to be 17.1 cents per pound after crediting gold and silver values, deducting operating expenses, depreciation, taxes, and making proper allowance for ore depletion.

The production of refined copper in U. S. from both domestic and foreign ores for 1918 was 2,489,480,000 pounds, including 564,480,000 pounds imported in ore, matte, blister, scrap and alloys. Copper exported was 728,553,000 pounds, leaving a balance for home consumption of 1,760,927,000 pounds.

During 1915, 1916, and 1917, the United States average yearly consumption of copper was 1,263,238,000 pounds. Assuming the same amount of copper was consumed during 1918, there is shown an increase over consumption for the year of 497,689,000 pounds which, if added to 525,000,000 pounds of refined copper, blister and material in process of refining on hand January 1, 1918, we start the year 1919 with a stock of copper metal amounting to 1,022,689,000 pounds.

Exportation of copper to The Netherlands, Belgium, Germany and Austria-Hungary ceased in 1914. The United Kingdom, France and Italy were the only countries in Europe receiving copper from the U. S. in 1918. Until 1915 copper was going to all of the countries of Europe from the U. S. at rate of 900,000,000 pounds a year since which time, according to returns of Department of Commerce, Europe has received copper from the U. S. at average rate of 782,332,255 pounds a year, which figures show exports of metal to Europe have fallen for period of 1916, 1917 and 1918, to the extent of 117,667,745 pounds a year. Our trade being cut off from The Netherlands, Germany and Austria-Hungary for 3 years, it would be but fair to assume the immediate requirements of these countries would be that amount of copper which during the last 3 years they were unable to purchase from us, amounting to 450,000,000 pounds a year, which would help materially to determine our surplus.

Stocks of copper in U. S. and material in process of refining at beginning of each year, and high and low price of Lake Copper in New York for each year from 1911 follow:

| | Pounds | High | Low |
|------|---------------|--------|-------|
| 1911 | 368,022,186 | 14.37½ | 12.20 |
| 1912 | 308,263,944 | 17.80 | 14.15 |
| 1913 | 397,569,767 | 17.75 | 14.50 |
| 1914 | 336,175,213 | 15.50 | 11.30 |
| 1915 | 376,708,072 | 23.00 | 13.00 |
| 1916 | 356,429,666 | 35.00 | 23.00 |
| 1917 | 552,000,000 | 36.00 | 23.00 |
| 1918 | 525,000,000 | 26.00 | 23.00 |
| 1919 | 1,022,689,000 | 23.00 | 14.50 |

The world's production of copper in 1918 was 3,115,819,840 pounds, stated in long tons was as follows: Africa, 30,614; Australasia 33,303; Bolivia 3,937; Canada 51,860; Cuba 12,142; Chili 84,493; Germany 39,388; Japan 94,286; Mexico 74,336; Peru 44,094; Russia 4,922; Spain and Portugal 40,352; United States 859,332; Various 24,605. From this the importance of copper industry in U. S. can be seen.

Arizona's production of copper in 1918 was one-third of entire U. S. including imports. According to metal statistics Arizona produced as much copper in 1918 as Michigan, Utah and Montana combined, which is equal to one-fourth the copper production of the World.

THE SURRENDER OF THE GERMANS

There was never a reasonable doubt that the Germans would sign the peace treaty, for there was nothing else for them to do. That is, there was nothing else they could do that would not leave them in worse shape. The conditions, onerous as they are, and justly onerous, could have been made much more severe and doubtless would have been made more severe if the allies had been compelled to resort again to force.

The latest concessions begged by Germany were not material. The declaration of responsibility for the war, though fought against by the Germans, was perhaps not very offensive to German sensibility but it was quite important to the allies as justifying the severity of the terms they opposed.

In a sense, it was an academic matter for both. The demand for the extradition and trial of the former emperor and other German notables, though humiliating to Germany, hardly less academic. One main purpose will be served by it, to confirm Germany's responsibility for the war.

Human foresight is weak, a fact that has been more deeply impressed within the last half dozen years. Almost every guess has been a bad one. The most capable statesman and financiers have reasoned and predicted as badly as the men who have whittled the while they discussed world affairs about the rural grocery. One cannot say now what strange things may not happen within the next half dozen years, but nothing could be stranger than that Germany should revert to imperialism.

The concessions which had already been made to Germany in the revised treaty were liberal—beyond the approval of the allied and associated powers—the Silesian plebiscite, the readjustment of the Saar Basin, a modification of the former provision for the control of German trade, a fixed sum for reparation, an increase by 100 per cent of the standing army and a softening of the terms of German's isolation before it should again be admitted to the society of nations.—Phoenix Republican.

AMERICA TO CONTROL SILVER

Up to this time a few London brokers have controlled the world's silver price. Ray Baker, director of the U. S. Mint, backed by the Pittman Dollar Silver Bill knocked the London plan to bits by a clever official control of the silver minimum. Now comes the announcement that a great TRIUMVIRATE composed of the Anaconda Company, the American and the U. S. Smelting companies will be organized under the Webb Law—to handle all silver exports and to protect American silver producers from foreign domination and price control.

He Has Had His Day



Up Among the Birdmen and a Good Deal More Safe

COLORADO SPRINGS, COLO.—Miss Helen Dowe, an artist on the staff of the Denver Times and prominent in Denver art circles, has accepted a position as lookout for the forest service and will spend the summer on Devil's Head mountain. It will be her duty to report forest fires in the surrounding area of 7,000 square miles, which includes Pikes peak.

Miss Dowe is the first woman lookout to be chosen for this important work in the Colorado-Wyoming district. Theodore Shoemaker, supervisor of the Pike National forest, followed the lead of California forestry officials in choosing a woman for the place.

Miss Dowe's duties have already begun. She will spend the days between daylight and dark in a ten-foot square observatory at the top of the mountain, which is 9,848 feet high. The lookout station is inclosed in glass, so that she can sweep the forests in every direction with a high-powered telescope.

The summit of Devil's Head mountain is rocky, and the last 150 feet of ascent must be made by ladder. It will be necessary to bring up supplies to the cabin where Miss Dowe will live by pack mules for a distance of one and a half miles.

Miss Nina St. John of Ottawa, Kan., with whom Miss Dowe spent several summers, will be with the Denver girl during the season. They will have a comfortable cabin several hundred feet below the lookout station.

The Devil's Head region will be patronized largely by tourists during the summer, according to plans of the forest service, and the responsibility of the fire guard will be thereby enhanced.

The two girls should have a joyous summer, provided they are congenial. They will live in a new world which has many strange beauties all its own.



Arrival and Departure of the Kingman Mails

Effective Jan. 13, 1919 the following Schedule of Mails will be in operation:

Mail Dispatched
FOR THE EAST

Train 10 11 A. M. daily
Except Sunday 5 P. M.

Train 2 6:45 P. M. daily
FOR THE WEST

Train 9 6:45 P. M. daily
Train 7 6:45 P. M. daily

Hackberry, Ariz. 11:00 A. M. daily
Valentine, Ariz. 11:00 A. M. daily
Nelson, Ariz. 12:00 A. M. daily
Oatman, Ariz. 12:00 Noon daily
Oldtrails, Ariz. 12:00 Noon daily
Blackrange, Ariz. 12:00 Noon daily

Except Sunday
Goldroad, Ariz. 12:00 Noon daily
Little Meadows 12:00 Noon daily
Golconda, Ariz. 11:00 A. M. daily
Mineral, Ariz. 11:00 A. M. daily
Chloride, Ariz. 11:00 A. M. daily
Mineral Park, Ariz. 11:00 A. M. daily

Signal, Ariz. 4:30 P. M. Wednesday and 4:00 P. M. Sunday—Only
Sandy Route, Owens, Arizona 4:30 P. M. Wednesday and 4:00 P. M. Sunday—Only.

Mail Received
FROM THE WEST

Train 2 6:30 A. M. daily
Train 10 11:45 A. M. daily

FROM THE EAST
Train 9 6:30 A. M. daily
Train 7 6:30 A. M. daily

From Topock, Ariz. 11:45 A. M. daily
From Yucca, 11:45 A. M. daily
From Hackberry 6:30 A. M. daily
From Valentine 6:30 A. M. daily
From Nelson 6:30 A. M. daily
From Oatman 6:30 A. M. daily
From Oldtrails 11:00 A. M. daily

Except Sunday
From Goldroad 11:00 A. M. daily
From Little Meadows 11:00 A. M. daily
From Golconda 5:00 P. M. daily
From Mineral 5:00 P. M. daily
From Chloride 5:00 P. M. daily
From Mineral Park 5:00 P. M. daily

From Signal 12:00 M. Wednesday and Saturday only.
From Sandy Route (Owens, Ariz) 12:00 M. Wednesday and Saturday only.

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