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04/30/86

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: BLACK WARRIOR PROPERTY

ALTERNATE NAMES:

BLACK COPPER PROPERTY
WARRIOR COPPER CO PROPERTY

GILA COUNTY MILS NUMBER: 135D

LOCATION: TOWNSHIP 1 N RANGE 14 E SECTION 14 QTR. N2
LATITUDE:N 33DEG 25MIN 00SEC LONGITUDE:W 110DEG 52MIN 50SEC
TOPO MAP NAME: INSPIRATION - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

COPPER-PRIMARY

BIBLIOGRAPHY:

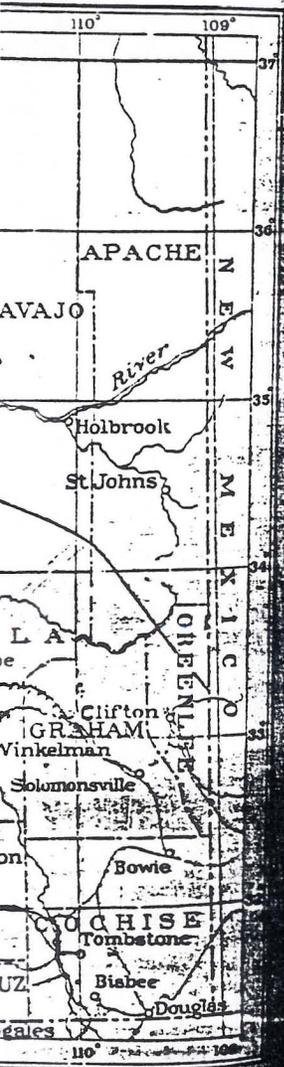
RANSOME F L GEOL OF THE GLOBE COPPER DIST
USGS PP 12 1903 P155
PETERSON N P GEOL & ORE DEPOSITS OF THE GLOBE
-MIAMI DISTRICTS USGS PP 342 1962 P 135-137
ADMMR BLACK WARRIOR PROPERTY FILE
CLAIMS EXTEND INTO S 1/2 SEC 14
AZ MINING JNL, 11/1/20; P. 21

CONCENTRATED MINING ACTIVITIES FROM ARIZONA, WESTERN NEW MEXICO, SONORA

help but feel that another copper is near at hand. It is much to do yet, for the ore does not make a mine that even assure its successful development at a greater depth. The permanent deposits and equipment must be furnished for development and the economical price of the ore afterwards.

Property is located about 10 miles west of Dripping Springs was a advantageous location insofar as transportation, water, site, etc. The property is owned and under capable management. H. Gowman is general manager. Isaac Rodgers is superintendent.

any also owns the Pearl Mammoth on which no work is at the present time. A considerable number of car loads of grade ore have been shipped last year. At the present time the energies of the company are directed at making a successful property and points toward that success.



GENERAL

A new bulletin has been issued by the University of Arizona, which is a geological reconnaissance of the Tucson and the Amole mountains. The bulletin is published by the Arizona Bureau of Mines under the direction of G. M. Butler, director. Those interested in obtaining a copy of this bulletin should write for Bulletin No. 106, Geological Series No. 2.

COCHISE

John Blumberg, of the Hill Top Extension mine in the Chiricahua mountains, reports that development work is being continued on the Extension property with good results.

General Manager Geo. Brown of the Middlemarch properties reports that 20 men are at work developing more water for use in operating the mill. Following exhaustive tests whereby a flotation method has been worked out for separating the zinc ores from copper, the mill was closed down owing to short water supply. The mill is of 150-ton capacity and through the flotation process copper concentrates will be shipped regularly to the Douglas smelter. The zinc will be shipped to Oklahoma.

Machinery totaling over \$10,000 in value is to be installed at the property of the Solstice Mining & Milling Co., according to a statement from W. T. Boyd, promoter of the mine. A compressor, hoist, sufficient to go down 1000 feet, and other machinery, all new, has been purchased.

Damage to the amount of \$750,000 was caused by the fire which recently swept the town of Lowell, suburb of Bisbee. The blaze was the most disastrous experienced in the Warren district since the big Bisbee fire of 1909.

Calumet & Arizona Mining Co., reports production of 3,038,000 pounds for September against 3,650,000 in August and 3,318,000 in September a year ago.

GILA

The Iron Cap Copper Company recently filed a suit against the Arizona Commercial Mining Company in connection with the mining claims owned by the Iron Cap Copper Company, which is said to be the outgrowth of extralateral rights or apex suits filed by the Arizona Commercial Mining Company against the Iron Cap Company in the court of equity of the state of Massachusetts in February, 1919.

At the Superior & Boston the high rate shipments established last month is readily maintained and the company will produce approximately 31 cars of ore.

On the 400-foot level drifting on the Rigby vein is resulting in good showings of ore. Preparations are underway to open the silver ledge encountered the 1200-foot level a number of years ago, but unworkable at the time, due to low silver values.

A suit for \$500,000 for the foreclosure of a lien against the Inspiration-Miami

Copper Company has been filed in the Superior court by attorney representing Jacob Kleinfelder and associates. It is alleged that Kleinfelder and associates pooled their holdings in order that the company might be formed, and that the latter had agreed to pay them \$400,000 and do a certain amount of development work. The plaintiff claims that these contracts have not been fulfilled and they are suing for the \$400,000 involved.

C. W. McGraw, owner of the Cow Boy mine in the Dripping Springs district, has given an option to Isaac Rogers, who will remodel the present small mill, and add thereto a battery of six stamps, Lane mill, additional tables, amalgamator, compressor, etc., for mining gold and vanadium.

It is estimated that the damage done by short-circuiting and resultant fire at the power generating plant, Roosevelt, Ariz., will amount to more than \$85,000. Nearly all the internal dynamos, generators, switch boards and electrical wiring of the plant were found to be burned out or damaged in greater or less degree. It is feared that considerable time may elapse before new machinery can be shipped in and installed. The plant supplied 10,000 volts to the Inspiration Copper Company, which has been compelled to fall back on its own generating plant for power. The Magma mine and mills at Superior, which also received their power from Roosevelt are being supplied from the Inspiration plant since the accident which put the one at the dam out of commission.

Much work has been done recently by the Warrior Copper Company in preparing for diamond drilling operations on their 600 acres patented mineral estate lying at the head of Lost Gulch. A great deal of ore has been blocked out at different points by means of tunnels. Drilling operations will be to determine the depth of the deposits and for further prospecting of the ground, and will start at the north end of the claims adjoining the Louis d'Or Company's property. It is stated that the latter company during the past few years has developed millions of tons of disseminated ore by drilling, and it is freely predicted by men familiar with the Lost Gulch and Tim Horn Gulch district that there will be developed there an extension of the Miami copper bearing ore zone of great size and richness.

Lyman Woods, owner of a number of claims in the Mineral Creek district, reports that he has a force of men performing assessment work there, and when completed, will move his crew and camp to his holdings near Iron Ranch for further assessment work.

Production by Miami Copper for September was 4,600,000 pounds of copper. About 1200 men are employed at present by the company. The concentrator is operating at two-thirds capacity, while construction work on the new crusher and shops is nearing completion.

Copper production by the Iron Cap Copper Company for September was

50,000 pounds. That of the concentrator

Inspiration Copper September, has produced 1,000,000 pounds of copper for the last year. At the end of the nine months the year is not over 82,000,000 pounds was 6,500,000 pounds.

Kennard and White Metals Mining. The mill is of 50 tons capacity from what was known in the history of Arizona. J. C. Devine is

GR.

The Ask Peak mine under the management of Duncan. The shaft has been level and drifting vein, which is 9 to 25 to 30 ounces

MO.

The first shipment of new mill was started weighing \$300, for zinc boxes. The 100 tons of ore at the other zinc boxes the saving can be run at the head of the northwestern part reported. The mill is far below the cost which fact gives a side from the latter company been able to mill could be made and effect a much

The Walnut Creek taken over the H. in Secret Pass projects to have opened in a few days. out for the shaft completed and the timber frame prepared a mine. Jack Zwinger this company the charge of development property has been and shows good ore veins carrying high the other veins carried. A shaft is to be sunk hundred feet on the group and a hoist and will be in place.

All the new equipment has been installed at the work of sinking being under way. The shaft to the 1000 feet as fast as will be carried off from that depth.

Yellow Pine district of
contracted to furnish ore

BRITISH COLUMBIA

Mine office: Rossland,
T. G. Blackstock, vice-
E. Gooderham, Geo. T.
James Cronin, directors;
pendent; Chas. B. Jenkins,
1907, under laws of British
par; issued, \$1,750,000.
ry, 1900, inclusive, since
controlled, through stock
ng Co. of Canada Ltd.
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Like all other mines
over in grade at depth.
69.21 gross value, giving
received, after deduct-
an average of \$5.22 per
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400,000 lbs. fine copper.
ALASKA.
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YUKON.

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a smelter, circa 1905.

AUSTRALIA.

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Idle at last accounts.

ARIZONA.

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ARIZONA.

k, Mich. John Funkey,
nder laws of Michigan,
i, \$16,000. Lands, 12
up, at Bisbee, Cochise

ARIZONA.

office: Bisbee, Cochise

Co., Ariz. Henry B. Hovland, president; Thomas F. Cole, vice-president and treasurer; Charles A. Duncan, second vice-president; Frederic R. Kennedy, secretary; Daniel R. Smith, assistant secretary; William G. Hegardt, assistant treasurer; Hoval A. Smith, general manager; Harvey P. Smith, chief clerk. Organized June 29, 1905, under laws of Arizona, with capitalization \$900,000, shares \$15 par; paid in, \$12. Annual meeting, second Tuesday in April.

Lands, circa 1,700 acres, in the Warren district, all of possible mineral value, but mainly held for surface worth. The tract includes the Cunningham group, and the former holdings of the Calumet & Cochise Development Co., of which 3 claims are of much promise, and likely to make a mine. In June, 1905, the company had erected a gallows-frame, and planned vigorous sinking, the shaft showing some stringers of good ore.

The primary object of the company is to plat and sell lots in a new townsite, called Warren, 3 miles from Bisbee, and to operate street railways, water-works, a sewage system, etc., as the city of Bisbee is badly cramped for room, being built in a narrow gulch, and upon the flanks of precipitous hills. The new townsite, which is adjacent to a number of promising new mines, should prosper. Management is composed of experienced mining men, who are not likely to become blinded, by a flourishing realty business, to the mining possibilities of their holdings.

WARRIOR COPPER CO.

ARIZONA.

Office: 316 Crozer Bldg., Philadelphia, Pa. Mine office: Black Warrior, Gila Co., Ariz. E. M. White, superintendent. Organized March 10, 1906, under laws of Delaware, with capitalization \$1,600,000, shares \$10 par, in \$750,000 cumulative 7% preferred stock and \$850,000 common stock. Has authorized a \$150,000 bond issue, at 6%. Succeeded the Black Warrior Copper Co., Amalgamated, which came to grief financially.

Lands, circa 1,500 acres, in 3 groups, known as the Gold Gulch, Diamond H and Montgomery, latter including the Montana and Dadeville mines, adjoining claims, opened by tunnels of 1,000' and 1,200', with about 3,000' of underground workings, showing a vein of 20' to 60' width, carrying silicious ores, assaying up to 6% copper. Has a steam plant, burning petroleum. Reduction plant includes a 100-ton concentrator, 50-ton matting furnace and 300-ton leaching plant, latter having six 50-ton square tanks, each 20x25' and 5' deep, in a building 62x130'. Tanks are heated by steam coils, facilitating lixiviation. Crushed ore is delivered to tanks from a railroad track, running above, which is to be replaced by a belt-conveyor. While this mine has large ore bodies, and has expended about \$500,000 in development, it never became a steady producer. Property has been mismanaged, and its actual value, or lack of it, can be determined only by the test of operation, under a competent management. Early in 1906 the company was shipping 60 tons of ore daily, to the Old Dominion smelter, at Globe.

WARRIOR MINING CO.

COLORADO.

Office: 622 Main St., Peoria, Ills. Mine office: Fort Garland, Costilla Co., Colo. Dr. L. D. Forman, president; Dr. W. M. Swartz, secretary. Lands, 26 claims and 2 millsites, claimed to show ore assaying up to 12% copper, 20

The Black Warrior is a Phoenix proposition, and of course has local interest and is entitled to a local pride. James A. Fleming and Dr. Ford are the controlling owners, and John White is the Superintendent. W. H. Nichols, Jr. of New York, and Jacob Langloth are also interested in this mine. The company owns a group of claims. The Black Warrior is in Webster Gulch, west of Globe. The claims which have been developed are the Black Copper, opened to a depth of 130 feet, with various crosscuts and drifts, in which they have encountered large bodies of copper ore; and the Dadeville, which gives assurances of being a valuable claim. A working shaft will be sunk on this claim.

The ores there are siliceous and do not carry a sufficient amount of iron to flux in smelting. In order to obtain fluxing material the company bonded recently a group of claims 10 miles north of Globe, known as the Eagle group. Work was begun on the new claims this week. A large ledge of iron carries about 50 per cent of iron and enough copper to pay for smelting and the expense for transportation. As depth is attained the ledge is expected to improve in copper. The company intends to construct a narrow gauge railroad connecting the Eagle claims with their Webster Gulch property, a distance of about 17 miles. They will erect their smelting works midway between the groups in Pinal Valley, north of Globe, and on Pinal Creek.

John White, acting superintendent of the Black Warrior Copper Company, informs us that he has increased his force and now has 45 men employed, and it is the intention to push development work as rapidly as possible. A recent discovery of ore establishes the great value of the property. Development work last month comprised over 400 feet of drifting and sinking. The Montgomery tunnel has been driven 350 feet on the vein and is in low-grade ore the entire length. The company is making preparations to haul ore to the Buffalo smelter, and deliveries will begin about August 1, and will amount to probably 30 or 40 tons a day, the limit being 50 tons. There is now 500 tons of ore on the dump, and

Cont'd.

BLACK WARRIOR ENTERPRISE -Cont'd. 1897

there will be no difficulty to supply the maximum quantity.

About 1,800 feet of 18-inch gauge track has been laid from the Montgomery claim to the end of the wagon road to facilitate the handling of the ore.

For [unclear]

July 23, 1943

[Handwritten initials]

Dear Mr. Macfarlane:

Will you get for me as soon as possible the complete history and record of activities of the Warrior Copper Company, located in Webster Gulch, Miami district, Arizona?

This may require checking up from a number of sources to find out what has happened. I particularly would like this history from the time of the last war.

Our records show that a portion of the property was sold to Inspiration in 1939 for \$400,000 and that there was diamond drilling work being done on the property in 1941. We never did find out anything about results of the diamond drilling and we have no report of any activities since. We want the whole history just as completely as possible.

Thanking you and with kindest personal regards, I am

Yours very truly,

CHARLES F. WILLIS, Chairman
Board of Governors

Y
CFW:MM