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Mine Copper Giant

Year	Mine Cu lbs	Ag oz	Au oz	Pb lbs	Zn lbs	Short tons
------	----------------	-------	---------------------	--------	--------	------------

1900
1901
1902
1903
1904
1905
1906
1907
1908
1909
1910
1911
1912
1913
1914
1915
1916
1917
1918
1919
1920
1921
1922
1923
1924
1925
1926
1927
1928
1929
1930

8664
205184

113
3023

26
385

151
3959

Min. Copper Giant

Year	A Cu	A A1	A A2	Zn pb	Cu Zn	Short Tons
1931 <u>1962</u>	42700	254	58			1401
1932 <u>1969</u>	3900	168	6			130
1933						
1934						
1935						
1936	2100	23	5			37
1937	7595	75	21			132
1938						
1939						
1940						
1941	9804	11	25			197
1942	61480	682	165			2000
1943	36000	360	137			1177
1944	3200	28	9			101
1945						
1946						
1947						
1948						
1949						
1950						
1951						
1952						
1953						
1954						
1955						
1956						
1957						
1958						
1959	3500	31	5			103
1960	1400	11	2			38
1961	52600	378	92			1537

Mohave Miner: Report has it that the Clark people are to soon begin active development of the Copper Giant mine and shipments will be made to the smelter. Owing to the copper depression the company closed down work on the mine, but now that copper is again above thirty cents the company can ship the ore to the smelter at a profit. The average ore from the mine runs about four per cent copper and about eight dollars in gold and silver. As the mine is but four miles from the main line of the Santa Fe railroad and an all down hill haul the expense of putting it on the cars will be light. A large amount of ore was shipped from the mine to the Verde smelter to try it out.

It is reported that the United Verde Copper Company has purchased the Copper Giant group, near Hackberry, Mohave County. Officials of the United Verde Company inform us that they have had this mine under option for some time and have been spending large sums of money in proving up its ore bodies. As early as last August they had secured sufficient knowledge to know that the mine is one of great promise. The price is not known, but said to be a large one.

MAY - 1915
William Neagle, accompanied by his father-in-law, William DeWitt, were Kingman visitors Monday last. Mr. Neagle is now getting things in shape to begin work on the Copper Giant mine, situated about eight miles east of Hackberry. Fifty tons of ore is to be shipped daily from the mine to the big smelter at Clarkdale. The mine is well opened and the ore bodies are very large. While the mine was originally taken over on account of its silica content, it has so changed in character that now its copper, gold, silver, and iron are the dominant contents. The ore has been getting richer and richer in mineral as depth was gained, until at the lowest level it carries a high percentage of all the metals.—Mohave County Miner.

(2)
The Copper Giant mine, eight miles east of Hackberry, which was taken under option a year ago by the United Verde Copper Co., has now been acquired by the Company at \$30,000. Under management of William Neagle, \$110,000 has been spent in development, resulting in opening up \$500,000 of high-grade gold-copper ore to 550 ft. depth. Eleven miners share in the proceeds of the sale.—At the Yucca Mining Co.'s property, a good tonnage of gold ore has been opened, and the 10-stamp mill is to start this week.—Six feet of copper ore is showing in the Whale mine in Copper cañon, and on the foot-wall is some rich molybdenum ore.—At 250 ft. in an adit of the Rainbow mine, at Chloride, there has been cut 28 in. of gold ore, with a little lead and iron sulphide.—The Cyclops mine is opening satisfactorily for the owner, S. C. Bagg.

COPPER GIANT TO OPERATE

MAY - 1915
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MAY 10 1915
William Neagle, accompanied by his father-in-law, William DeWitt, was a Kingman visitor last Monday. Mr. Neagle has charge of the United Verde interests in this county and expects soon to have the Copper Giant property in operation. This is the big copper property to the east of Hackberry that was closed down on account of the depression in copper on account of the war and also because of the crowded condition of the United Verde smelter at Jerome. Now that the big Clarkdale plant will soon be in commission this ore can be handled to advantage and it is probable that the mine will be in commission in time to forward a large tonnage monthly to the new plant.—Mohave County Miner.

The main shaft of the Copper Giant mine has been sunk 70 feet below the old 530 level and will soon be cutting a station at the 630 level. It is reported that the shaft is all in ore of a very high grade and that the mine as a whole looks better than at any time since work was started by the Clark interests.

Shipments have been somewhat curtailed at the mine by reason of the effort that is being made to get a new opening from the 530 level to the surface, so that stoping can be carried on. The Arizona law requires two openings in a mine where stoping has been commenced below the 200-foot level.

Kingman Miner: The first carload of ore from the Copper Giant mine was shipped from Hackberry last Monday to the smelter at Jerome. This carload is said to carry values in the net neighborhood of twenty per cent copper and about \$20 in gold and silver. Each per cent of copper carries one dollar in gold and silver values. The mine is showing great values at the 200 and it is possible that another lift will be sunk. Drifts are to be run off from the 300, a station cut and preparation made to open stopes on all levels. Ore shipments are to be made regularly to the Jerome smelter and the mine put on a pay basis as rapidly as possible.

Mohave Miner: At the Copper Giant mine the shaft has reached a depth of about 370 feet and is now in good ore. At one point below the 300 the vein had squeezed up, but it opened up just as soon as the softer ground was encountered. Those who have been out to the mine say that the ore now coming from the shaft is quite high grade in copper. Senator Clark was expected at the mine this week, but up to the present time had not arrived from Los Angeles. It is understood that William Neagle went to Los Angeles to have a conference with Mr. Clark regarding the future operation of the property.

The Copper Giant continues to cut good ore in the shaft that is now being sunk to the 300 level. Some of the richer ore runs as high as 33 per cent copper and carries good values in gold and silver. The mine is reported to be looking exceptionally good. The Clark people took the property over with the idea of using the excess silica for converter lining, but owing to the increasing mineralization of the ore they will have to look elsewhere for their material.

KINGMAN, Ariz., Oct. 11.—Recent developments in the Copper Giant mine, near Hackberry, which is being operated under bond by the United Verde company, are so satisfactory that the price of property in that district has taken a sudden jump. Several mines near the Copper Giant have recently changed hands.

Mohave County

COPPER GIANT (Hackberry)—Shaft is now down to 300-ft. level. A short distance below 300-ft. level vein followed somewhat but shaft is now in a wide shoot of good ore.

COPPER GIANT—This group with several surrounding claims has been bonded to William Neagle, of Jerome, who is representing the Clark interests. A large force of men is to be put at work within 30 days, and shipments to Jerome will be begun as soon as possible.

COPPER GIANT (Hackberry)—This property has recently been taken under bond and lease for W. A. Clark. A force of men has been working on the mine for the last two weeks and this force will probably soon be increased to 30 or 50. The old shaft has already been sunk to a depth of 200 ft. It is stated that the siliceous ore of the mine was originally intended to be used for converter lining, the copper content being about 4%. At 200 ft. in depth, however, ore containing about 8% copper has been encountered, and is now rapidly being developed.

ARIZONA

Mohave County

COPPER GIANT (Hackberry)—This property was recently purchased by the Clark interests, of Jerome. The shaft is being sunk to the 300-ft. level and it is reported that a large shoot of copper ore has been found. The ore contains some gold and silver, as well as copper.

COPPER GIANT (Kingman)—The station has been cut at the 300-ft. level of this mine, and drifts are being driven in each direction along the vein. In places on this level, the orebody is 8 ft. wide and assays 25% copper. Ore is being piled on the dump preparatory to better shipping facilities being provided. At present, the ore that is shipped, is hauled to Hackberry and there loaded for shipment to Jerome. A siding is being put in at Valentine on the Santa Fe R.R., which is only about four miles from the mine. The success attending the work of the Clark interests on this property is stimulating activity in mining in the whole Chloride district.

COPPER GIANT (Hackberry)—One carload of ore per week is now being shipped to United Verde smelting plant. As soon as arrangements at mine for handling ore have been perfected and new siding is in commission shipments will be increased to one car per day.

ARIZONA

Mohave County

COPPER GIANT (Hackberry)—It is stated that sinking shaft below 300-ft. level will soon be resumed.

A first payment, \$10,000, has been made for the purchase of the Copper Giant mine by the United Verde interests. The balance of \$20,000 will be paid in four months. A large orebody has been opened at 350 ft. The ore will be sorted at the mine and shipped to the smelter at Clarkdale.

Mohave Miner: Miners coming in from the Copper Giant mine report that the property is a wonder, the lower level being all in ore of high copper content. The ore also runs high in gold and silver values. The mine owners of the district are jubilant over the opening of this big property, as it assures the camp permanency. The camp has many mines that show excellent value on the surface, many of them being immense outcrops of quartz. To the east lies a contact of lime, along which are some veins carrying lead as well as copper and gold. It would not be surprising if a great mineral belt was opened there during the next few years.

Report has it that the Clark people are to soon begin active development of the Copper Giant mine and shipments will be made to the smelter. Owing to the copper depression the company closed down work on the mine, but now that copper is again about 147 cents the company can ship the ore to the smelter at a profit. The average ore from the mine runs about four per cent copper and about eight dollars in gold and silver. As the mine is but four miles from the main line of the Santa Fe railroad and an all down hill haul the expense of putting it on the cars will be light. A large amount of ore was shipped from the mine to the Verde smelter to try it out.

DEC 1914

Wick
PROPERTY Copper Giant Group (Cu) CARD _____ COUNTY Maricopa
REPORTED BY _____ DATE 1/26/28 TOWN 4 mi. from Wickenburg
INTERESTED Ed. Hill, Wickenburg, Arizona HAUL _____

REF _____

HISTORY _____

NO. CLAIMS _____ EST. ORE _____ ORE SHIPPED _____

TOPOG. Copper
DESC. OF DEPA Mineralization occurs as stringers, as disseminations in granite, and in pegmatite. Latter appears highest grade.

GEOLOGY Schist and fine grained gneiss. Zenoliths floating in intrusive fine grained granite. Granite cut by pegmatite dikes.

MINING FACILITIES _____

REMARKS High grade as small bunches and rest too small for commercial importance.

ANALYSES

Mining World

Aug. 5, 1961
49

Massco-Grigsby

... patented claims, 57 of ... for 33 years as an engineer and executive ... that firm, ... \$500 per day



pany. ...
gincer for the asbestos fiber division
Canadian Johns-Manville Co. Ltd. at As-
Canadian. He has been employed

secured a lease ...
Sam gold mine in Shasta County, Calif.


COPPER GIANT MINE

MOHAVE COUNTY

Mining World August 1961 p. 49

See: Eagle-Picher "C" Confidential files

"MINING WORLD" Sept. 1959
See Eagle-Picher and Mining Company has



DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Copper Giant Mine

Date April 24, 1961

District Hackberry - Mohave County

Engineer Travis P. Lane

Subject: Visit of Arpil 21, 1961

(See previous reports in this file)

At the time of visit Mr. Dan E. Larios, one of the principals in the new company, Solar Minerals, Inc., was working at the property with Morris Burr. The company's main office address is: P.O. Box 542, Twin Falls, Idaho. The local address is 209 Tucker Drive, Kingman. The present company obtained its contract on the property from the owner Ray Van Marter, in Oct. 1960. The former operator Ran Rex Mining Co., had recently relinquished their contract. Work at the mine was begun about a month ago. The workings will be rehabilitated and an economic evaluation made to decide what program, if any, will be undertaken. Several carloads of dump ore have been shipped and others will follow. It is claimed that smelter and freight rates are favorable for shipping to Hayden. These people are hopeful that eventually a mill installation will be justified.

The crew will be increased to 5 men soon with Lynn Burr as superintendent. He was the superintendent for the former operating company.

Dye, H. L.
Dye & Bathrick
P. O. Box 1069
Kingman, Arizona

Broken Hill
6-12-42 *Copper World*

See D File
Re - quote set up at Copper Giant Mine

Application for P-56, PD-1A -- See COPPER GIANT MINE -- 9-1-42

See COPPER GIANT - Re proposed plans on Copper Giant 10-6-42

See COPPER GIANT - Re production survey by Holt 10-9-42

See COPPER GIANT - Re information on property
forwarded to Joe H. Skidmore 12-21-42

See D file - Re better price for copper 2-20-43

OVER -

5/1/44 R.L.Dye, Box 1069, Kingman 5/1/44 Closed

NAME OF MINE: COPPER GIANT

COUNTY: MOHAVE
DISTRICT:
METALS: CU *W*

OPERATOR AND ADDRESS:

MINE STATUS

DATE:

DATE:

5/1/44 H. Galbraith, Kingman

5/1/44

Shipping

6/44

Closed

BATHRICK, J. N.
Dye & Bathrick
Kingman, Arizona

Broken Hill

10-9-42

See COPPER GIANT MINE
Re - production survey by Elgin Holt

Dye and Bathrick, Box 1069, Kingman, Arizona, are reported to be shipping copper ore from the Copper Giant mine three miles east of Hackberry in Mohave County, Arizona. The property was taken over by the new operators and opened up this summer, and since that time the road to the mine has been improved to facilitate the transportation of ore. The property is owned by Henry Galbraith of Hackberry, Arizona. *MINING JOURNAL 7/5/42*

Mine COPPER GIANT MINE ✓

Date October 9, 1942

District Hackberry, Mohave Co., Az.

Engineer Elgin B. Holt

Subject:

PRODUCTION POSSIBILITY

OWNER: Henry Galbraith, Kingman, Arizona.

LESSEES: Dye & Bathrick, Kingman, Ariz.

METALS: Copper & gold - copper predominating.

DEPT. MINERAL RESOURCES
RECEIVED
OCT 12 1942
PHOENIX, ARIZONA

LOCATION

This property, which is located, around 45 miles ~~mm~~ east of Kingman, Arizona, was developed years ago by the Clark interests, in control at that time of the United Verde Copper Company. It was taken over under lease and option by Dye & Bathrick on May 1, 1942.

DEVELOPMENT WORK

Mine workings consist of main shaft 850 feet deep, which is now accessible to the 300-foot level; and with slight timbering, it could be opened to the 450-foot level. As the rock is exceedingly hard, the shaft has not caved in any material respect, per Dye. He also states that the shaft could be reached from the 450-foot to the 550-foot level by means of skids; but between these levels there is no timbering at all; that otherwise the shaft is in good shape to the said 550-foot level. From the 550 to the 850-foot level, the condition of the shaft is unknown; but Dye states he believes the shaft is in good shape, between said levels, but needs timbering.

1942 PRODUCTION

Dye further states that between May 1, 1942, and August 31, 1942, 33 cars of ore were shipped by his firm, averaging a little better than 1.5% copper and \$2.50 per ton in gold, with high silica content.

That most of the said 33 car loads of ore consisted of dump material. Also, he stated, that during this period 5 cars of ore were shipped from the 300-foot level of the mine, the same averaging around 2.0% copper and \$3.00 gold per ton. Furthermore, that due to the high silica content of the ore, which makes it desirable as fluxing material at the smelters, his firm has been granted a low smelting rate.

ORE RESERVES - MINE RECORDS

Dye & Bathrick also have on file complete data concerning previous operations at the mine, consisting of assays maps, shipping returns, etc. These records show, per Dye, that there ^{are} ~~is~~ now blocked out in the mine over 30,000 tons of ore, above the 850-foot level, assaying, per an assay map made while the said work was in progress, as follows:

Cu %	Au, oz.	Ag, oz.
3.0	0.13	0.60

He also stated that after the mine had been developed, another assay map was made, with the following results:

Cu%	Au, oz.	Ag, oz.
2.0	0.10	0.45

CHARACTER OF ORE

The ore in the Copper Giant mine is oxidized to the 100-foot level, and sulphide ore comes in below that level, consisting of chalcopyrite, bornite, chalcocite, etc. Hence this ^{sulphide} ore could be treated by bulk, flotation, whereby a marketable concentrate could be made.

WATER

Dye states that ample water for a mill, with a capacity up to ~~XXXXXX~~ 100 tons of ore per day, can be secured from a water well, near the property, and from two old shafts located within the holdings of the Copper Giant property.

EQUIPMENT

Consists of the following:

- 1.— 260-foot Diesel driven compressor;
- 1.— 40-HP hoist, with cable to reach the 550-foot level;
- 2.— Minecars;
- 3.— Bunk houses and one boarding house;
- 5.— Ore trucks; also a general line of mine tools, steel, etc.

CAPITAL NEEDS

Dye further informed me that he needs capital for the following purposes: To recondition and timber the shaft to the 550-foot level, costing around \$5,000. After shaft is opened to the 550-foot level, his firm plans to drift on vein north 200 feet and south 150 feet, or a total of 350 feet of drifting, at \$20 per foot, due to present high labor costs; hence, this work would cost around \$7,000; and the same would put another 40,000 tons of ore in sight, of the grade referred to.

50-TON FLOTATION MILL

He stated that after the above work has been carried out, he proposes to install a 50-ton bulk flotation mill, the costs of which installed complete, are not available; but as a rank guess I would say this mill would cost \$50,000 installed ready to run, due to high costs of labor, machinery, etc.

SUMMARY

Personally, I believe we should add at least \$25,000 for operating capital, so summing up the above items, the total capital needs for the above set up would be around \$87,000.

COPPER GIANT MINE

REMARKS

One important item was overlooked in the above description of the Copper Giant mine, and that concerns width of vein of this property. Dye states that the vein above the 300-foot level is 5' wide; on the 550' level it is 7' wide; ^{and} on the 850' level it is 5' wide. Hence, the vein is wide enough so that shrinkage stoping is practiced in the mine.

DIFFICULTIES

Dye also stated that he had lost most of his miners and other workmen due to the fact they could get higher wages, than his firm could pay, at nearby defense projects; and that due to the high cost of labor, food, supplies, etc., he did not think the Copper Giant mine could be worked at a profit unless the price of copper could be increased materially. In conclusion, Dye & Bathrick are merely marking time, and quite undecided as to what they may be able to do next.

Elgin B. Holt

g.m.c

LIBRARY
EAGLE-PICKER M. & S. CO.

COPPER GIANT MINE
(4 claims)

DISTRICT Haulapai, Ariz.
LOCATION 8 miles East of Hackberry Station, Ariz.
OWNERS United Verde Copper Co., Jerome, Ariz.
DATE VISITED October 29th, 1918, By J. L. White

NOTES

Country Rock; gneiss in granite. Development work consists of a shaft sunk 850 feet on a vein and eight levels in the drift 100 to 300 feet in length on each. The vein is a gash in gneiss strike N. 80° E. dip 65° W. The vein matter is solid quartz with chalcopyrite. Width varies from a seam up to 14 feet. The copper value is variable, only a trace showing in the quartz at times. According to Mr. C. V. Hopkins of Jerome, Ariz., the total tonnage blocked out amounts to 34,636 tons of an average value of 1.8375% copper, .3465 oz. silver and .0724 oz. gold. About 7000 tons of ore has been shipped to the U. V. Smelter at Jerome. This ore, especially the last 3000 tons, was of much better grade than the average; 2.46% copper, .09 oz. gold, .29 oz. silver. To get this selective stoping was tried on the best blocks of ground. Where stoped the walls show very good and shrinkage stopes could be carried very well.

The vein is not dependable, that is, where one level shows a good strong vein, the next below will show a very much broken appearance with much included gneiss, the foot wall in many places carrying chalcopyrite.

There is a chance to develop more ore as the vein shows in all faces visited and in some of them shows ore; also toward the bottom the vein has a tendency to split. The surface shows two veins outcropping and joining just north of the shaft. There has been no cross-cutting of consequence on any of the levels.

There is a camp, mostly of tent houses, that will accommodate about 20 men. Plenty of domestic water.

At the collar of the shaft there are two small single stage compressors, driven by gas engines, 34 and 40 H.P. respectively. A hoist driven by a 20 H.P. gas engine has been used for all of the work done. A 1000 pound self dumping bucket was used in the shaft. Shaft timbers appear to be in fair condition. The timber in the stopes is

quite bad. Ore was formerly hauled from bins at the shaft collar to a siding on the A. T. & S. F. main line, $4\frac{1}{2}$ miles distant. A $2\frac{3}{4}$ aerial tram would reach a mill site near the railroad. Water in quantity is available in Hackberry wash nearby.

CONCLUSION

The ore is not of sufficient value to leave a margin of profit after shipping to Humboldt. There is not a sufficient quantity of ore to justify a tramway or a mill. Leasers working in a small way and sorting closely might be able to ship some ore of 5 to 7% Copper at a profit. There is a good possibility of developing more ore but there is no reason to expect to find ore of a better grade than that developed.

The eighth level was under water at the time of my visit. Mr. Wm. Nagle, the former superintendent and Mr. Allen Patterson, who sampled this level, say that there is no material difference in the 750 and 850 levels. No samples were taken and all figures used were obtained from Mr. Robt. Tally of Jerome.

91
COPPER GIANT (Hackberry)—A compressor has been installed and machine drills are now in use. This mine was recently purchased by representatives of W. A. Clark. Development work is showing unexpected richness in copper. (3)

According to reports by arrivars recently from Hackberry in Mohave county, the Copper Giant mines, owned and operated by the United Verde Copper Company, are in the producing class.

The first car load of ore was shipped to Jerome last week and was found to carry about twenty per cent in copper and \$20 per ton in gold and silver. The Giant is said to be showing great values at the 300-foot level, and further sinking is to go ahead immediately. Drifts are to be run from the 300, where a station is to be cut and preparations made to begin stoping at several points and all levels. Regular shipments are to follow, and the purpose of the management is to put the property on a paying basis hereafter.

The United Verde also is making a diligent canvass of the Mohave country after silicious ores, principally which carry any character of bimetal values. The Mohave field, however, is not very attractive for silicious copper bearing ores, but other metals abound in the silica formation, however, but are impracticable to ship, on account of the long distance in wagon hauling to the railroad.

Copper Giant

This property near Jerome as previously stated is now in the hands of the Verde Company. The property is a very valuable one, with large ore bodies in sight and probably will be a large producer when the new smelter gets into commission.

Copper Giant—A force of 20 men working at this mine under William Neagle. The tram has been put in shape to carry ore to the loading bins, from which it will be freighted by auto trucks to Hackberry, four miles distant, and shipped to the Clarkdale smelter. The mine has a capacity of about 100 tons daily.

George Ruffner, who returned to his home in Prescott a few days ago, reported that the Copper Giant mine was making a big output of ore, forty tons daily going to the United Verde smelter. Mr. Ruffner has about ninety horses on the ore haul from the Giant to the railroad and expects to put more in service.

Eight miles east of Hackberry, in this county, are the Copper Giant mines, now being operated by the Clark interests. One of the best mining managers of the company—William Neagle—is in charge of operations. He is doing a large amount of development work and at the same time is sending out 40 tons of rich copper ore to the big smelter at Clarkdale daily.

Owing to the operations of the mine inspection law, it is found necessary to curtail output of the mine until another opening is secured, which will be about the middle of next month, when the mine will again be shipping 100 tons of 17 per cent copper ore.

It is reported that new work continues to prove the property one of the greatest mines in this county, ranking with the Golconda in its output of values, the Golconda being zinc, gold and silver, while the Copper Giant values are in copper, gold and silver. The shaft stands below the 500 level and drifts and crosscuts have been run off to open the big ore bodies, which have been found to be far larger and more extensive than on the levels above. On this level an ore body 16 feet in width carries 17 per cent copper, which is some ore body and some copper. — Kingman Miner.

COTTONWOOD DISTRICT

Five feet daily is the rate of progress being made in the sinking of the main incline shaft of the Copper Giant mine, located in the Cottonwood district, eight miles east of Hackberry and owned by the United Verde Copper Company. The shaft is being continued down from the 550 to the 900-foot point. Three shifts of miners are employed in the work and the 700-foot point has been passed. It is expected that the objective depth will be reached within the next two months. Upon the completion of the shaft to the point named, lateral work will be started and the ore body, which has given such a splendid account of itself on the 550-foot and other levels above, thoroughly and systematically developed. For five consecutive months prior to the resumption of sinking operations in the shaft weekly shipments averaging 250 tons were made from the property to the United Verde smelter at Clarkdale. On the 550-foot level the main ore body shows an average width of 20 feet and assays 4 per cent copper and \$10 in gold and silver per ton. The management contemplates the erection upon the property of a concentrating plant at an early date.

COPPER GIANT SINKING TO NINTH LEVEL

The Copper Giant mine, which is one of the big copper properties of the State, is sinking its three-compartment shaft to the 900 level, having reached a depth of 690 feet. On the 550 level the ore body is said to be sixteen feet wide, the ore giving high average in copper, gold and silver. William Neagle has been in charge of the property since the Clark interests took it over and has opened up one of the greatest copper mines in Mohave county.

Nine thousand tons were shipped from the property last summer for the purpose of giving the ores a thorough test at the Clarkdale smelter and so satisfactory was it that the management was instructed to develop the mine to a deeper level and open it up through another shaft to the surface, giving the property two openings. The shaft is being sunk on the incline, while the vein is almost vertical. It is thought that the shaft will be some distance from the ore body when the 900 is reached, but this will make little difference in the further development and exploitation of the property.

A larger plant is to be installed on the mine within the next sixty days, which will allow of the handling of a large tonnage of ore while development work is being carried on.

COPPER GIANT MINE OPTIONED TO PASADENAN

Barbara H. Hook, son of a well-known Pasadena millionaire, has taken a bond and option on the Copper Giant mine from the United Verde Copper company, and report has it that he will begin operations on a large scale at once. The price named in the option is about \$1,500,000.

The Copper Giant was taken over by the Clark people about two years ago at a price currently reported to have been \$30,000. After spending about \$60,000 more the Clark people found that they had a mine, but that it is probable they have more on hand in the Jerome country than they can handle at present and, being offered a big price, concluded to take profit. That the mine is worth a million dollars or more is a certainty, and if the Hook family will mine in a mining way they will get big profits from their venture.

Sampling Register



Company. 1-2-37 Phoenix



erty is owned by Henry Galbreath of Phoenix, Arizona. Phoenix 4-15-12

Phoenix, Ariz.



DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Copper Giant

Date March 31, 1959

District Hackberry, Mohave County

Engineer Travis P. Lane

Subject: Information obtained at Hackberry, March 20th

Owner: Ray Van Marter, Kingman, ArizonaOperator: Ran Rex Oil & Mining Co.
Henry Fillers, Pres.
Box 35, Bountiful, Utah

Supt. Lynn Burr

*Charles L. Barnes = Agent
1061 Kingman, AZ*

The following information was obtained from Johnny Gregg at his garage in Hackberry.

Work was suspended at the mine several days prior to the date of this visit and the crew had all returned to their homes in Utah. It is believed that work might be resumed within several weeks or a month.

The present operators began work some two years ago. They drove a 900' crosscut to connect with the main 850' deep shaft at the 350' level. They developed the vein on this level and drove a raise to the 300' level and developed on that level. They have made a few small shipments. The last of these is reported to have been about 35 tons assaying around 2½% copper with a little gold and silver. It is said that the operators believe that a mill is justified. Altho low in value the vein is persistent and fairly uniform in value, and the width ranges from 5 to 7 feet. The ground is firm and the ore can be mined cheaply. The copper mineralization is sulphide except in an oxidized zone extending to a depth of about 100' below the surface.

COPPER GIANT MINE

MOHAVE COUNTY

Information from Mine Inspector's Office - August 15, 1957

Copper Giant Mine Hackberry District North Mohave County 3-11-57

Cu, Au, Ag - 4 claims Development work - 6 men

Owner: Ray Van Marter, Kingman, Arizona

Operator: Ran Rex Co.

Harry Fellers, Bountiful, Utah

Agent in Charge - Charles E. Barnes

1061 Kingman, Arizona

LAS

Dick Smith, Phoenix promoter was in regarding market for copper ore containing a high percentage of silica. He said Don Howe, Manager of Tonto Mining & Milling Co., had wanted to lease the property, the Copper Giant, SW of Hackberry but Hayden had refused the ore. Mr. Smith was advised to send a good-sized sample of the ore to Inspiration Copper Company in Miami to determine their reaction to the purchase of the material. Due to its low-grade (1.6%Cu, \$4-\$5 Au & Ag) it may not be profitable to mine it by underground methods, . GW WF

As per FTJ, 1/23/75 - New owners: George Edeline, Cave Creek, Daniel Smith, 3101 W. Evans Drive, Phoenix, 85023, 942-9058.

This property active Feb. 1959

At Kingman interviewed Ray Van Marter, Chairman of the Board of Supervisors, Mohave County, re his Copper Giant mine. He reports that Ran Rex has resumed work and proposes to build a mill. TPL WR 5-25-59

Visited the Copper Giant mine of Ran Rex Mining Co. The workings consist of an old 850' deep shaft with levels at 100', 200', 350', 450', 550' and possibly another deeper level, and an adit driven southerly on the vein to an intersection with the shaft at a depth of 360' (just below the old 350' shaft level). Only the 350' and 450' levels are accessible. None of the levels extend more than a short distance north or south from the shaft (the maximum distance is reported to be about 120'). The operators report that car samples taken during the driving of the adit demonstrated an ore shoot some 250' to 300' long with ore continuing in the south end of the workings. A small amount of stoping has been done at scattered places in the mine. The company believes that it has sufficient reserves of copper-gold ore in sight to warrant construction of a 100 ton mill, and plans are going forward toward constructing such a mill at Hackberry, 6 miles westerly from the mine. 3 men are employed with Mr. Lynn Burr directing the work. The work consists presently of breaking down the back of the adit near the shaft preparatory to installing chutes and starting to stope ore. TPL WR 6-25-59

The Copper Giant has suspended pending possible obtaining of financing for construction of a mill. TPL WR 8-21-59

This property active Oct. 1959

Interviewed Ray Van Marter and associate. Ray reported that he has leased his Copper Giant mine at Hackberry to John Carroll of Idaho, who has a crew rehabilitating the mine with intention of drifting on the 365' level (the adit level). Visited Warner at Hackberry. He confirmed that the Copper Giant is developing with 4 men employed under Lynn Burr (formerly supt. for Ran Rex at this property). The company name is Solar Minerals Co., Box 542, Twin Falls, Idaho. TPL WR 3-25-61

Ray Van Marter, owner of the property, advised that Solar Minerals, Inc., is continuing with their development with work in progress above the adit level - 365' shaft level - and that a car of ore had been shipped recently - no returns as yet. The crew consists of 4 men including Lynn Burr in charge. TPL Memo 9-21-61

Visited the Copper Giant Mine. Dan Lerios and one of the stockholders are working along with Morris Burr, Supt, and another man. They have shipped some 16 to 20 cars to Hayden and are now drawing empty a shrink stope above the 300' or adit level. Grade of material is about 2% Cu and \$4 to \$5 gold-silver value. TPL WR 1-20-62

According to information obtained in Kingman the Copper Giant operation was suspended in March of this year. TPL Memo 5-18-62

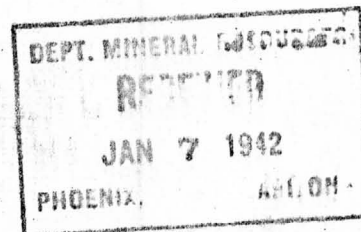
USBM List - 1969 lists Miller & Heath, Box 951, Wikieup, Arizona 85360 at Copper Giant.

January 6, 1943

Dye & Bathrick,
Copper Giant Mine,
Increased Copper Bonus,
RFC LOAN.

MEMORANDUM

To: J. S. Coupal
From: Elgin B. Holt



I have had a talk with Dye & Bathrick concerning the possibility of their obtaining an increase of the copper bonus, in the event they should decide to resume operations at the Copper Giant mine.

They informed me that they now have correspondence pending with the War Production Board about the matter of finding ways and means of getting relief from their difficulties in some way or other; but after talking to me, they would now proceed to prepare an application to WPB formally asking for a definite increase of the bonus price for copper, referring to their pending correspondence, etc.

The main object of this letter is to ask you to see Bill Gohring with a view of discussing with him the following item:

In case they succeed in getting a better bonus price for copper, they plan to carry on shrinkage stoping operations at Copper Giant, in which case they would soon have all of their operating capital tied up in broken ore in the stopes, and which, of course, could not be marketed - the majority of this ore - for some time to come. Hence, they will need at least \$10,000 operating money, above what they now have, to cover this item.

Would it be possible for Dye & Bathrick to get such a loan from RFC? If so, in what form should the application be made? Would it be possible to make application for a Class B development loan, in the sum of \$10,000 or greater, with the understanding with Mr. Gohring that should this loan be granted it could be used as an operating fund? If not, just how should they proceed?

Suggest that you write Dye & Bathrick about the item mentioned, mailing cc of your letter to me.

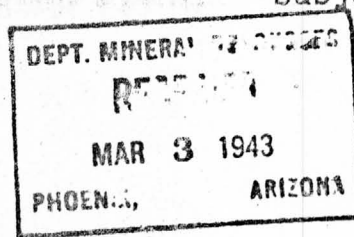
cc - Dye & Bathrick,
Kingman, Arizona.

Elgin B. Holt.

Subject: Fluxing Ores
Copper Giant

MEMORANDUM

To: J. S. Coupal
From: Elgin B. Holt



Attention is called to your memorandum of February 9th regarding fluxing ores, apprising the field engineers of the attitude in Washington concerning such ores. That if we know of any properties containing a good fluxing copper ore, it may be well to investigate and see the owners or lessors and we can then assist in making a set up for them whereby they can apply for a twenty cent copper price.

I also note the remarks of Bill Broadgate about this matter, in his memo of Feb. 7th, from which the following is quoted:

"This brings me to another point, which is confidential except to our office. If you can turn up any properties containing fluxing ores, the copper content of which is such that a 20¢ price will allow them to ship, let me have the information, if they can produce not less than 200 to 300 tons per month. It is not desired to set up projects on lesser mines. For these, where satisfactory, the Production Section will make special arrangements with Metals Reserve to pay 20¢," etc.

COPPER GIANT. I have just had a talk with Bathrick, of Dye & Bathrick, lessees of the Copper Giant, located 45 miles east of Kingman, and which they have been operating since May 1, 1942, during which year they shipped approximately 33 cars of ore to Clarkdale, averaging minus 2 per cent copper and \$2.50 gold per ton, with high silica content. I understand they lost around \$1.30 per ton on this operation.

Bathrick states they made application to WPB for a higher price for copper and got turned down flat, the WPB correspondent stating under no circumstances would they give a higher price for copper. As a matter of fact, per Bathrick, the above statement is merely "poetic license", or a harsher term might be employed inasmuch as WPB has already allowed one copper mine in this State a higher price.

Bathrick also states they have resumed operations, still at a loss, in order to try to protect their investment. That they are now shipping 3 car loads of ore weekly, to Clarkdale; said ore assaying minus 2% copper, 0.10 oz. gold, 75% silica and 3% alumina; that their silica credit is about 45¢ per ton. Suggest strongly, if you can assist them in getting a 20¢ price for copper, that you advise Bill to go to the bat for them right away. WPB now has all the shipping data on this property.


Elgin B. Holt.

NOTE: Bathrick states they could increase production, easily, to one car load of ore daily, if a better price for copper could be secured; that they need an increase of 5¢ per pound for copper; but a gross price of 20¢ for that metal would help.

Copper but a gross price of 20¢ for that metal would help.

Kingman, Sept. 8, 1942.

Phoenix.

Mr. Walter Sim
Arcadia, California.

Dear Walter: ✓

The Copper Giant was called to my attention and seemed hot enough to warrant a collect call to you. Here is the story.

Dye & Bathrick, whom I have known as good operators for several years, have an excellent lease. In the last 60 days they have shipped about 33 cars of rather low grade copper ore. I urged them to apply for a preliminary development loan and unwater the mine from the 450 where the water now stands to the bottom of the 850 and then call in the RFC engineers to sample for a mill loan.

They are now just a little better than swapping dollars as the ore is clean and should be milled and a good profit taken. They are good miners and have a good shipping property in the Ray Silver Lead which they made money on two years ago and know nothing about milling.

I was revolving around in my own mind taking their lease myself and getting a small loan to unwater and then a loan for a mill from the RFC. Good assay maps show over 35,000 tons of 2 to 3 % copper ore carrying \$ 3.50 in gold and silver, blocked out, with possibilities of developing more ore. Some of the samples taken by other groups show a higher average. The only objection to my taking over is the laws creating the department which leaves us in a bad position. I had in mind using Mert Pratt to do the actual job for me, when it occurred to me that you could swing this easily.

I then discouraged Dye & Bathrick by the time element and interference in RFC loans and the time and delay in getting in a mill before they could take profits. It took only a little of this talk as they do not like Government loan details and have always been successful operators on their own.

The mine is now open to the 450. The ore is there but it is a milling and not a shipping mine if one wants to take the profits the operation is entitled to. We, the Department, pass on the \$ 5,000 preliminary loans and this property was first called to my attention by Earl F. Hastings who is a mighty good man and now in the office as Assistant Director and Projects Engineer. Earl examined this property several years ago for the International and likes the property. Thus is the first loan is a cinch and we should get it made for you within two weeks after the papers are filed.

Will see you in Phoenix but hope you make it and see Dye & Bathrick at the Beale Hotel by Saturday.

APPLICATION FOR P-66 SERIAL NUMBER,
Copper Giant Mine, ✓
Dye & Bathrick, ✓
P O Box 1069, Kingman, Arizona.

Kingman, Ariz.
Sept. 1, 1942.

Memo to W. C. Broadgate:

Dye & Bathrick have been active operators in the state since 1930 and I have followed their work closely for the past 4 years. In May 1942 they took a lease and option on the Copper Giant Mine, which is located 9 miles SE of Hackberry, Mohave County, Arizona.

The mine was opened up and developed in 1913 to 1915 by the United Verde Mining Co., and was examined and favorably reported on by Earl F. Hastings who is now assistant director of the Department.

It is estimated that about 5,000 tons of ore running 2.7 % of copper have been shipped from numerous trial stoping operations. Dye & Bathrick have shipped 27 cars (50 tons each) or about 1350 tons from the dumps which ran about 1.5 % copper and 500 tons from the 300 foot level which ran about 2.0 % copper. The average from settlement sheets on ore from the lower levels showed 3.5 % copper.

Dye & Bathrick have been working about 12 men but due to labor shortage in the past two months have been cut to 7 and are actively trying to build back to 12 or 15 men. Water stands at the 500 foot level and they contemplate a preliminary development loan application to fully unwater and retimber the shaft and drifts.

They operated the Golden Door Mine in the Weaver District of the Black Mountain Range (River Range) 45 miles west of Kingman for 14 months prior to getting this lease. They were thus equipped and bought no new equipment or supplies to go at the work on the Copper Giant lease.

They have been able to get the few added bits and drill steel needed on P-100 A-10 rating up until last week when they were advised that they would have to have an a-1-a on steel and an a-1-j on bits. They will not use more than a ton of steel, bits or other critical material during the full year operation.

I am enclosing their application for a P-66 serial number and also a PD-1A for steel and bits.

This whole district is seriously threatened with a complete close down due to labor shortage and I would like to see this operation provided with preference rating so as to keep them going and at an early a date as possible.

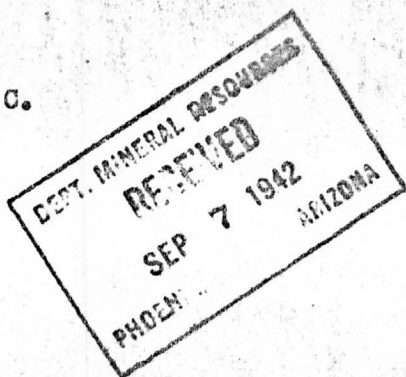
Can you step on this and wire Dye & Bathrick your results, collect.

J. S. Coupl., Director,
Department of Mineral Resources.

P.S. On Saturday, August 29, 1942, Dye & Bathrick wired Priorities Division, of the WFB that if a P-66 rating was not forthcoming they would be forced to shut down.

Washington, D.C.
Sept. 4, 1942

SUBJECT: Application for Serial Number, P-56
Copper Giant Mine ✓
Dye and Bathrick,
P. O. Box 1069,
Kingman, Arizona



I was certainly taken aback this morning to find that my favorite priorities analyst, who I had carefully cultivated until I got excellent service on serial numbers, has been snatched by the army priorities division, and I have to start at scratch all over again with a hard boiled guy who is new to the job and consequently suspicious that something is being put over on him.

So I am not doing as well as usual with the Copper Giant application.

However, I think I will have the number by Monday, as I went down and primed the copper branch in case any inquiry comes through from priorities on this and I believe they will back me up for a number.

The boys are certainly tightening up and the attitude seems to be that as equipment is scarce and getting scarcer (I think it is just bad planning myself), the small mines should suffer to make sure there is plenty for the big ones.

So as not to lose any time, I filed the PD-1-a for the steel anyway and got the Mining Branch to clip a special routing on it, so it should hit at about the same time as the number is granted.

These PD-1-a's have to take a certain course to get routings and numbers and it would take about three days or perhaps four days to follow ~~them~~ one through, which would only be profitable if some very large deal is in danger. So I am just going to prod this in spots if it gets stuck. With the "flag" on it Dye and Bathrick should get it in a week rather than the usual two weeks.

Bill

Bill Broadgate