

BERRY PURCHASES THE GEORGE WASHINGTON

F. E. G. Berry this week completed arrangements for the taking over of the entire interest in the Washington-Arizona mines, at Mineral Park, and it is understood that operation of the property, including the flotation plant, will be a matter of but a few weeks. Mr. Berry has been negotiating the purchase of the interests of Moyle brothers the past several months, having already secured the interest of the old company in part of the property, and has also financed the company.

The property of the company has been opened by drift and winze to a depth of several hundred feet and good bodies of ore opened. Some of these ore bodies are very high grade in gold and silver, but the main bodies of ore are of milling grade. The mill was designed to work this class of ore and with a few changes should do splendid work.

WASHINGTON-ARIZONA STARTS OPERATIONS

About fifteen men are now at work on the Washington Arizona mine and mill and it is expected that this property will soon be turning out concentrates. The Washington mine has a large tonnage of ore opened and with the opening of stopes will be in position to make a large output of milling stuff. The average of the ore is high and there is no reason why the company cannot start off in fine shape. The management of the property is in excellent hands and the future development of the mines has been mapped out so that reserves will keep pace with mill demands.

The Washington mine is situated above the old Keystone, which was one of the large producers of Mineral Park camp in the early days, and is in the same general formation. The ores carry values in gold and silver, the silver occurring as ruby and and in the arsenical iron. The shoots are long and have been followed under the mountain several hundred feet. A shaft has been carried down some distance on the vein and is equipped with hoist and other machinery. The power used is carried in from the main power line of the Desert Power company, which gives the mine and mill ideal power for all purposes.

F. E. G. Berry is in charge of the property, having closed up the deal with the old company and Moyle Brothers, who were the owners of interests aside from the company holdings.

The new Oliver filter for the Washington mine arrived this week and will shortly be installed. The mill will soon be in operation and some excellent ore has recently been opened in the mine. From twenty-five to thirty men are now employed, which force will be increased in the near future. *Kingman* JUN 21 1919

WASHINGTON-ARIZONA

MILL RUNNING STEADILY

The Washington Arizona mill, at Mineral Park, is running steadily and is said to be making a splendid concentrate. The ore carries a small amount of copper, iron and high values in silver. The silver values are in ruby and native and these metals respond readily to flotation. The mine is now in shape for outputting and will be able to keep the mill well supplied with ore. A large force of men is at work on the property.

DEWATERING DEVICE AT WASHINGTON

The Washington-Arizona company, at Mineral Park, has just installed a large dewatering device at its mill and will be able to handle the tails more expeditiously in future. The mill is being run steadily and is reported to be turning out a splendid grade of concentrates. At the same time operations in the mine are being carried on with a large force of miners. Ore is being opened up wherever work is being done and the management feel sure that it will be able to soon have ore beyond mill requirements developed. The property is an exceptionally good one, having excellent ore in tunnels and shaft. With the mill turning out rich silver-gold concentrates the company will soon be in shape to operate on a much larger scale.

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WORKING LARGE FORCE ON GEO. WASHINGTON

The Washington-Arizona Mining company is operating its property at Mineral Park with about 30 men. The mines are being developed and splendid ore is being taken from the lower level. The mill is also being developed with good results. This property gives evidence of being one of the good things of the district, having long ore shoots and good width. The ore values are high in silver and also carry some gold. This property is well equipped, there being a large milling plant, hoisting plant, compressor and other necessary machinery.

Tunnels have been driven into the mountain on the veins and a considerable tonnage of ore opened. With the development of the mines at the deeper level the mill should soon be maintained at its capacity.

WASHINGTON-ARIZONA MINES OPERATING

JUL 22 1918

The Washington-Arizona mines are now under operation by W. G. Page, all the debts having been paid up and all differences adjusted. The new company will be well supplied with funds, it is said, and a large amount of work has been mapped out for immediate fulfillment. The company is composed of mining men who know the game and feel that they have a good property in process of development.

The Washington mine is at Mineral Park. During the past two years it has been under development, a drift having been driven into the mountain to open the vein at depth. A shaft has been sunk and a considerable tonnage of ore opened up. This work is to be continued and the ore bodies exploited to a depth of at least 500 feet.

REFINANCE THE WASHINGTON ARIZ.

This week W. G. Page has been in Kingman straightening out and getting the affairs of the Washington-Arizona Mining company in shape so that operations may be resumed on the property without a hitch. The new company is said to be well financed and capable of doing a large amount of work on the mines.

The Washington-Arizona company has a large milling plant on the mines and so far has opened up a large tonnage of ore. This reserve will be further augmented by the driving of drifts into the mountain and sinking the shaft to several hundred feet below the present level. The property is one of the most promising in the Mineral Park section and it is to be hoped that the new company under its able management will put it on a producing basis.

WASHINGTON-ARIZONA CUTS RICH ORE BODY; BIG FORCE WORKING PROPERTY

Superintendent Page, of the Washington-Arizona mines, at Mineral Park, brought to town early this week specimens of ore taken from the new shaft on that property that showed wonderful values in silver. An average sample taken across 18 inches of the vein in the shaft gave results of about 900 ounces silver and some gold.

The Washington-Arizona mines are equipped with a big milling plant and this mill is now in operation on the lower grade ores, the richer ores being assorted and shipped to the smelter direct. With the opening of the property 100 feet below the tunnel level it is expected that ore of better grade and more continuous bodies will be found. The company is working a big force of men on the mines and is making rapid progress.

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The Washington-Arizona company at Mineral Park recently opened 18 in. of rich silver ore. The mill is now treating the low-grade ore, while the high grade is being shipped. 8-31-18

WASH.-ARIZONA MILL PROVES BIG SUCCESS; SHIPS CONCENTRATES

1917-1917
Since the first of last month there has been an unusual amount of activity out at the Washington-Arizona Copper company's mine at Mineral Park. Two shifts have been put on and in a short while everything will be running in full blast. President of the company, Elmer D. Reese, has been in charge of the development work and under his management there has been opened up considerable large bodies of ore, the values of which run about \$16 gold and 45 ounces of silver.

The mine is equipped with the most modern equipment. The tunnel is in a little over one thousand feet. A shaft has been sunk to a depth of one hundred feet and work is now under way in this shaft to sink it to the two hundred and fifty foot level. From the indications at the present time and the nature of the formation through which the shaft is being sunk a very large body of ore will be reached before this level is reached. Mr. Reese and his associates are very well pleased with the outlook for the future.

President Reese has built a mill for the treatment of the ore by the flotation process and has installed the most modern and economical machinery. There is a noticeable absence of the usual conglomerate amount of shafting and pulleys and belts, this having been reduced to a minimum. Safety first was Mr. Reese's motto. The erection of the mill was placed under the personal supervision of P. J. Brady. The new mill from the very first throwing in of the switch has been an unqualified success. Here and there a minor change was deemed necessary for economy and convenience. The operation of the mill is past the try-out stage.

The grade of concentrate that is being turned out shows very high value and when the richer ore body is opened up, which Mr. Reese is quite enthusiastic about, it will be but a short time till the company is paying dividends. The first car of concentrates was shipped last Thursday as the bins were quite full. The value of the first concentrates have been very satisfactory as is evidenced by the high recovery from the mill.

WASHINGTON-ARIZONA MILL SOON TO START UP

JUL 25 1917

High Silver Values Encountered at Mineral Park and
Work Is Being Rushed.

Chloride

The new 300-ton mill at the Washington-Arizona mine at Mineral Park will be in operation within a few days. A party of Kingman people visited the mine and mill last Sunday and found one of the most up-to-date properties in the county. The mill will be started as soon as transformers arrive from the east and are installed.

The Fields flotation process will be used to separate the ores. P. Brady, who has been with the company for some time in the northern country, superintended the erection of the mill.

Superintendent Russell of the mine is rushing work on the main tunnel which already is in 760 feet, in order to determine exact values of the vein and to locate the junction of the rich

silver and copper veins. He believes that the two veins will junction a short distance from the present breast of the tunnel.

Assays show values running from \$10 into the hundreds. Assays are made every five feet, so that the company knows at all times the grade of ore being worked. Considerable values in gold are obtained, but the main content is a high grade of ruby silver.

The tunnel is electrically lighted and is equipped with one of the best ventilating systems in the country. Fresh air is conveyed into the innermost workings and all the dust, smoke and fumes withdrawn by a large suction pipe, so that there is a complete change of air every minute.

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(From Tuesday's Daily Miner)

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gold propositions in Alaska fields; also Feather river in California; British Columbia and various districts in Oregon. Snowgoose and Doty will take personal charge of the practical end of this important work.

A party consisting of E. A. Shaw, M. G. Wagner, Albert Jones, C. L. McCarty and Eli Hilty of Kingman and James A. Roberts, former state controller of New York, visited the property some time since and the samples they took were conservatively estimated at \$1 to the yard. And one sample taken by Mr. Shaw was brought to Kingman and assayed and showed values of \$1.35 to the yard.

Among those who have made a very exhaustive examination of this rich field is Capt. A. A. Hassan, a mining geologist, and consulting engineer of international repute. He put in 11 weeks on the ground and his very comprehensive report to Judge Musgrove consists of over sixty typewritten pages in flexible binding. Captain Hassan secured the following values: 69½ cents; 41½ cents; 39 cents; 43 cents; 97½ cents; \$1.11; \$1.53; 69½ cents; \$1.39.

The average of these ten samples is 83 cents, which would indicate that in order to be extremely conservative Prof. Hassan has allowed more than 50 per cent for cost of production. Mining men say this is unreasonably conservative for in California it does not cost more than 5 or 6 cents at any point to recover the gold values. Taking Prof. Hassan's figures for a basis it looks very much like the net profit instead of being 40 cents a yard really should be nearer 75 cents a yard.

Eli Hilty, a well-known mine manager, secured the following values:

WASHINGTON-ARIZONA MILL TO BE STARTED

High Silver Values Encountered at Mineral Park and Work Is Being Rushed—Assays Run Unusually High.

JUL 29 1917

KINGMAN, July 28.—The new 300-ton mill at the Washington-Arizona mine at Mineral Park will be in operation within a few days. A party of Kingman people visited the mine and mill last Sunday and found one of the most up-to-date properties in the county. The mill will be started as soon as transformers arrive from the east and are installed.

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10-1-17
Elmer D. Reese, James Hunter and John Hunter, left last week for Los Angeles to attend a meeting of the stockholders and directors of the Washington-Arizona Copper Company. Matters of importance having to do with the affairs of that company are to be brought up and settled at that meeting.

Change
In the meantime a small force of men has been continued at work on property, timbering and putting the mine in shape for further operations, indicating the intention of the company to resume operations on a larger scale as soon as some necessary adjustments in the organization can be made. It is suspected that these adjustments will be made at the forthcoming meeting.

GOLD NUGGETS ARE TAKEN FROM RIVER BY PLACER MINERS

(Continued From Page One)

which can be economically handled is more than 200,000,000 cubic yards.

The bars lie immediately on the Colorado river and high gold values have been secured at the water's edge. For about five or six weeks during high water, these low bars are covered with water, and at that time of the year the first benches can be successfully worked. While these benches carry from 11 cents to 15 cents to the yard they are not as high grade as the low bars.

Every day in the year, with the exception of the few weeks indicated, active work can be prosecuted, which makes this an ideal dredging property.

There are no large boulders, no cement gravel or clay, or any other rebellious element; just loose sand and gravel to be handled.

It has been known for many years that these bars contain an enormous amount of gold, but no systematic effort has heretofore been made to recover the gold contents in the deposit.

From time to time a number of prospectors have made good wages in panning the dirt, working it through dry washers, or old-fashioned rockers, but not to exceed 35 or 40 per cent of the gold was recovered by these primitive and ineffective processes. However, it is a fact that these miners actually recovered from \$2.50 to \$3.00 per day to the man, which indicates a value of exceeding \$5.00 to the yard of dirt. And by present scientific

...the road, which indicates a value of exceeding \$5.00 to the yard of dirt. And by present scientific methods by which all the gold can be saved, the bars should yield enormous returns in gold values.

The Colorado river drains an enormous territory exceeding several thousand square miles in extent, and it is a well-known fact that during high water each year a new supply of gold is deposited, which insures the recovery of commercial gold values year after year indefinitely.

Many high class experts have sampled the property of the Grand Canyon Gold company and their estimates conservatively place the total yardage at exceeding 200,000,000 cubic yards, which at 40 cents net per cubic yard as claimed by Professor Hassan makes the net value of the proposition at \$80,000,000.

These examinations have demonstrated the fact that low bars carry an average value gold content of from 35 to 40 cents, the lowest value, to more than \$3.00 to the cubic yard, being the highest value so far disclosed at the surface, and the concensus of opinion of experts and practical placer gold miners agree in the fact, for the history of placer mining makes it a fact, that very much higher gold values will be found on bed rock. So far, the lowest values found on the benches indicate values from 11 cents to 15 cents, and the highest values to 20 and even 25 cents to the cubic yard.

Judge M. W. Musgrove has been the active spirit in this great enterprise for several years, and it is to his energy and tenacity of purpose that the present extensive operations are indebted. In fact, he has been the sole executive head in the advancement and successful termination of this gigantic enterprise which means a great deal to the mining industry of northwestern Arizona, and opens up a new and unexploited field.

The Grand Canyon Gold company has recently been reorganized by Judge Musgrove and a number of strong Pittsburg people have been placed on the directorate.

The new president is W. A. Cole, a prominent Pittsburg banker, and W. P. Johnson, a very favorably-known business man, is the new treasurer. Walter Greaves is also on the directorate and is well known as a careful and conservative man. John Johnson, a high-class business man, is one of the directors. These people took large blocks of shares in the Grand Canyon Gold company and are all active men and will aggressively prosecute the comprehensive operations now contemplated. Since Judge Musgrove left the east he has been advised by the board of directors that they have taken up the early installation of a dredge of large capacity, which will mean remarkable returns to share-holders.

However, certain preliminary work will be done right away and to this end D. V. Snowgoose and E. L. Doty, two experienced placer gold miners, are now in the field, and they have completed arrangements for pumping plant and pipe line with which to begin work. These men have been iden-

should be nearer 75 cents a yard. Eli Hilty, a well-known mine manager, secured the following values: 75 cents; \$2.00; \$2.50; \$3.00; \$2.00; \$3.00; \$1.50. The average of these samples shows a value of \$2.10 per cubic yard.

P. McCardle, a United States mineral surveyor and one of the best known mining engineers in northwestern Arizona, states that he has taken a great many samples from the property of the Grand Canyon Gold company and that he believes that the estimate of 40c net per cubic yard as contained in the report by Captain Hassan is extremely conservative.

R. C. Jacobson, a very favorably known mining engineer, states that he has taken several hundred samples from the property of the Grand Canyon Gold company and these samples indicated a gold content of from 45c to \$2.00 and even \$3.00 to the cubic yard.

R. S. Billings, one of the most favorably known mining and metallurgical engineers of the southwest, states that he can see no physical reason why dredging operations by the Grand Canyon company should not result in large financial profits.

Hits Rich Streak In Old Mine

Jan 1915

P. W. Fahan was in the city yesterday from Thumb Butte district, and exhibited very rich gold ore in an oxidized state that was struck a short time ago in the old Washington mine, which he recently relocated. The streak was an inch wide, and came into the shaft from the hanging wall side. The value would run to over \$500 to the ton, and Fahan stated he crushed the ore and panned out over \$18 in less than two days. Fahan reports considerable activity in the district, and a small number of miners as placering the gulches since water is again flowing.

ARIZONA COMPANY MAKES VALUABLE FIND

Kingman, Ariz., Feb. 17.—Manager Elmer D. Reese, of the Washington-Arizona Copper company, has announced a strike of unusual importance on the property of the company. The company is operating what was formerly known as the George Washington group, which was owned by E. J. Hoover of Long Beach. Workmen who were carrying on some operations in the tunnel encountered a vein of about four feet in width, which carried silver and copper in goodly quantities. An assay was at once made and the ore was found to contain more than 85 ounces of silver and also ran 35 per cent copper. Another assay taken from samples in the workings a little farther along showed 60 per cent copper with a slight increase in the silver values. The owners of the property believe that they have large quantities of this rich ore.

Washington-Arizona Copper Co. (Mineral Park)—Plans are being made for the erection of a milling plant. The Fields flotation process, which is controlled by John D. Fields, manager of the property, will be used. A body of payable ore six or seven feet thick was encountered a short time ago in the fourth tunnel level at a point about 600 feet from the portal. A new compressor is being installed and it is planned to run a crosscut from the gold-silver vein to the copper vein in No. 3 tunnel from which good ore is at present being extracted.

July 19, 1941

Mrs. Elsie A. Ehrhart
3701 Maybelle Ave.
Oakland, Calif.

Dear Mrs. Ehrhart:

Your letter of July 14, regarding the Silver Hill mine, has been referred to me by Dean Butler.

The latest information in our files regarding this mine is a newspaper clipping from the Arizona Republic, Phoenix, Arizona, dated May 10, 1941, which states that operations had been resumed after a few months' suspension of work; and that the property is leased by W. S. Segar, Box 243, Chloride, Arizona.

Sincerely yours,

E. D. Wilson
Geologist

EDW:wp

3701 Maybell Ave
Oakland Calif
July 14, 1941

J. M. Butler,
University of Arizona,
Tucson Arizona.

Dear Mr. Butler,

Would it be possible for you to give me some information about the Silver Hill Mine, Choude Arizona, owned by Wm. S. Segar?

Would like very much to know whether or not it is in operation and if so, is the party reliable or not. My husband and I have some money invested in same, but haven't had any reports for a long time.

Will appreciate any information you can give us.

Sincerely
Elsie G. Ehrhart

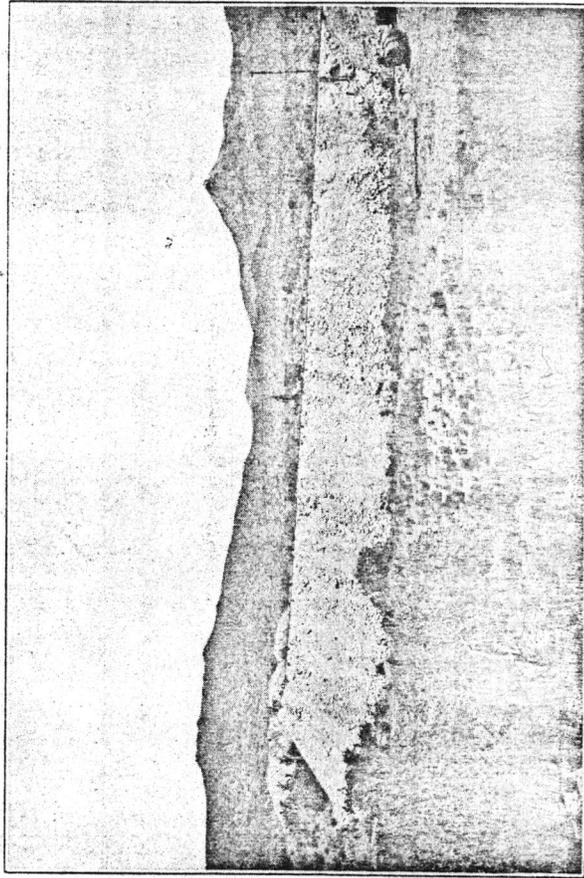
THE TUCKAHOE PROPERTY

ONE of the west end mines, of the Chloride camp, that has made good is the Tuckahoe. This property is one of the early day shippers of the district, having been operated by the late Henry P. Ewing. Ewing and associates put in a lixiviation plant at the mine and extracted the values from the ores. A small rock breaker was used to crush the ore to the desired fineness. With this plant many thousands of dollars in silver was secured. One of the peculiarities of the operation of the "hipo" plant was that the sulphides also carried very good values in gold, although there could be no action by the liquor that would make the gold soluble. While the owner and associates were treating the oxidized ores by this process a number of men had leases on the base part of the vein and extracted and shipped several hundred tons that gave results of better than \$200 silver to the ton. This ore was heavy ruby silver, there being no native showing as in the ore found at a deeper level. After the death of Ewing the mines passed to the possession of the late John Barry, who equipped them with a hoisting plant and also erected a concentrating plant on the property. Owing to the nature of the ores no results were obtained through the operation of the mill and the mine finally passed into the hands of the present owning company.

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Mr. Carter has kept work under way under every condition of weather and other exacting delays until he finally developed the splendid bodies of ore on the deep level.

We take it that there are two or more veins traversing the Tuckahoe ground and that these veins are liable to become as important as the parent vein. As the whole country in the neighborhood of the property is crossed in every direction by veins and lodes radiating off from the Silver Hill country and the vein system that crosses from Todd Basin and the lower part of Mineral Park, there is reason to believe that the mineralization of that part of the country is as important as any in the Cerbat mountains. For years rich float rock has been picked up all over that territory, some of it wonderfully rich in gold. All sorts of traditions come down from the early days regarding the discovery of a rich gold vein in the neighborhood of the Tuckahoe and rich specimens have been exhibited that were said to come from within the boundaries of the claims, but as the men who brought the rock refused to show the owners the locality unless they became part owner in the whole property there was nothing doing and the gold vein is still to be found by the mine owners. But some day it will be found and we rather expect it will be an exceptionally important find.



THE TUCKAHOE MINE

The Tuckahoe mine is situated about two miles west of the town of Chloride, in what was known to the old timers as "Golden Fleece Flat." It produced thousands of tons from the superficial works on the property, and with the development carried to the 300 level it will be able to output a better and more desirable tonnage of ore. The laterals carried off on the vein at the new level are in ore that runs very high in silver, some of the ore showing values far

the 500, is now being arranged for and sinking will be undertaken as soon as general manager E. J. Carter arrives from the east. The company finances are in good shape, having been cared for by Col. Aagaard, of Los Angeles, who has financed several propositions in the county. The company was organized by him and it was due to his efforts and that of Mr. Carter that the present satisfactory condition at the mines has

We understand that the shares of the Tuckahoe company have been listed on the New York curb and that it will be called soon. Mr. Carter has been east on a mission in connection with the listing of the stock, and was successful, so it is said in interesting a large brokerage firm in handling the shares. The property is a most inviting one and the shares should take on added value as the property is further exploited.

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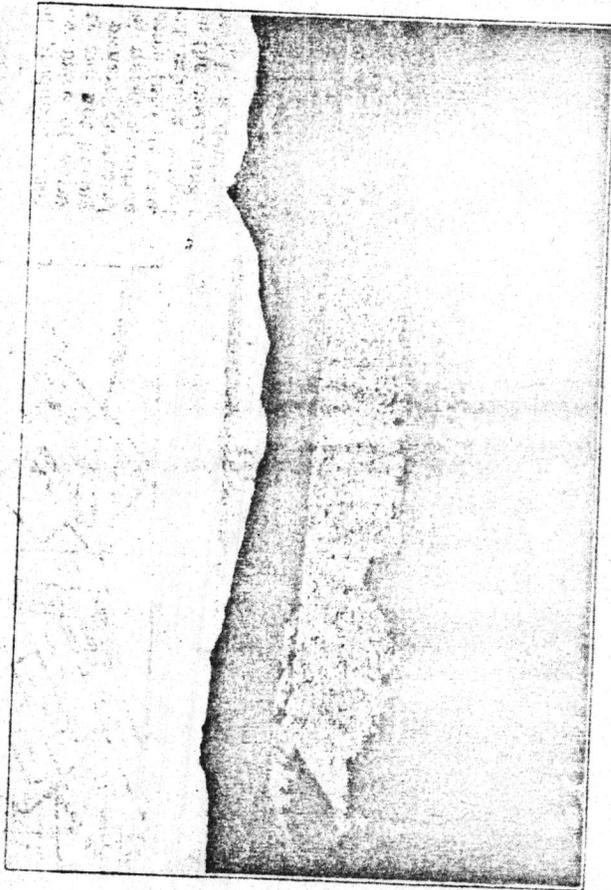
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We understand that the shares of the Tuckahoe company have been listed on the New York curb and that it will be called soon. Mr. Carter has been east on a mission in connection with the listing of the stock, and was successful, so it is said in interesting a large brokerage firm in handling the shares. The property is a most inviting one and the shares should take on added value as the property is further exploited.



THE TUCKAHOE MINE

the 500, is now being arranged for and sinking will be undertaken as soon as general manager E. J. Carter arrives from the east. The company finances are in good shape, having been cared for by Col. Aagaard, of Los Angeles, who has financed several propositions in the county. The company was organized by him and it was due to his efforts and that of Mr. Carter that the present satisfactory condition at the mines has

BELL LEAVES FOR EAST BUSINESS ON HIGHLAND

April 2/19
C. B. Bell departed Tuesday night for Milwaukee, where he will confer with his associates in the Highland Mining Company, preparatory to the meeting of the Middle Golconda Mines Company, which will be held here early this month. On his return he will be accompanied by a large number of people interested in the new company who desire to look the project over. Many of these people have already examined the proposition and are thoroughly satisfied that they have one of the large mining propositions of the state.

During the past month Mr. Bell and associates have been surveying out sites and platting the country in and around the Golconda, with a view to getting a line on the best site for a tunnel that will reach into these veins at the lowest possible point from an economical angle. While considerable depth might be gained by going far down the Todd basin canyon it might not be economy to do so, but that great depth may be had from a place below the old Empire mill site is certain. This would make possible the entry of the Golconda vein far below the present depth and be of far reaching benefit in the development of other properties. This matter will probably be threshed out at the meeting.

M. Shaw

KINGMAN—

Members of the Highland Mining company have been in Kingman this week in conference with Charles B. Bell, manager of the property. It is understood that the necessary money wherewith to commence the work on the big tunnel is now available and that the work will soon be under way.

7-1-19
The driving of the big bore under the mines of Todd Basin and other sections of the mineralized area on the west side of the Cerbats, is one of the most important undertakings in the history of the county. Mr. Bell, who is to have charge of the work, is one of the best known mining men of the southwest.

FORMS NEW MINING CO. CAPITALIZATION MILLION

Kingman
APR 19 1919

The Highland Mining company, with a capitalization of one million dollar shares, was organized this week to take over all the holdings of the Middle Golconda and Union Basin Mining companies. The company also acquired much other property in the neighborhood of its holdings.

The new organization, which is composed of Minneapolis, Minnesota, men is to be one of the heaviest financed corporations in the county, starting out with a large treasury that will be later reinforced by the taking over of large blocks of stocks by big interests. C. B. Bell, who has operated the Middle Golconda mines for the company the past several years, is also identified with the new organization and will have charge of the work of driving the big tunnel into the mountain from a point below the old stone building occupied by the late Capt. J. P. Lane. This tunnel will gain a depth of nearly 1000 feet perpendicularly on the Middle Golconda and much farther on the Golconda claim. It will also reach into the Prosperity, one of the old time rich veins of that section, opening the ore body at a depth of about 800 feet. The company has some of the best property in the district and we expect to see an immense producer opened when the big bore cuts the main ore bodies. Hundreds of stringers will be cut by the tunnel, many of which may prove valuable. The whole country is porphyritic, stringers of quartz carrying gold and silver values gridironing the mass.

HIGHLAND MINING CO. SOON TO START WORK ON THEIR BIG TUNNEL

Members of the Highland Mining company have been in Kingman this week in conference with Charles B. Bell, manager of the property. It is understood that the necessary money wherewith to commence the work on the big tunnel is now available and that the work will soon be under way. The Middle Golconda Mines Co. is to hold a meeting of its board of directors in Kingman in a few days to confer with the management of the new company over the work that it to be carried on and other affairs of the two companies. J. B. Speed, Secretary and treasurer of the Middle Golconda company, is to be here from Verde, on his way to Yosemite, where he will spend a few weeks. While here he will meet with the board of directors and attend to other important business.

The driving of the big bore under the mines of Todd Basin and other sections of the mineralized area on the west side of the Cerbats, is one of the most important undertakings in the history of the county. Mr. Bell, who is to have charge of the work, is one of the best known mining men of the southwest. He has been in charge of the development of the Middle Golconda the past three years and has done a large amount of important work. The work done by him on the veins of the camp has indicated just what may be done by well directed effort at lower levels. He found a wonderful vein system in the company's property and we feel confident that with their opening at 500 or 600 feet below the present level wonderful bodies of high grade ore will be found. All the big veins in and around the Golconda and far up the mountain will be cut by this tunnel at great depth. The veins will be drained and all the properties made readily workable.

Kingman

HIGHLAND MINING CO. SHOWS DEVELOPMENT

Kingman 8/14/20
L. R. Meyer, of Minneapolis, arrived in Kingman this morning and departed to the mines of the Highland Mining company, accompanied by C. B. Bell and wife.

The property of the Highland Mining company is one of the greatest areas of mining land in the county and the big developments that are being carried on there is fast getting it in shape for production. The mines show immense ore bodies in the openings and when the deeper tunnel penetrates the veins enough ore will be opened to insure the operation of a big mill for many years to come. The ores are high in gold, silver and lead values, as well as carrying some copper and zinc. During the several years that Mr. Bell has been in charge of the mines adit drifts have been run, shafts sunk and the property opened to a depth of about 600 feet. Besides this property the company is the owner of the Golconda mines, produced millions of dollars in gold, silver and zinc. This mine has a shaft at a depth of 1400 feet on the incline and is capable of turning out an immense tonnage without further development. A deep tunnel would reach below the present level and bring to light the big ore bodies of contiguous claims.

HIGHLAND MINING CO. WORK GOING AHEAD

Kingman 4/18/20
C. B. Bell, general manager of the Highland Mining company, arrived from San Francisco last Monday, having transacted business for his corporation while in the city, and is again on the job at the mines. Mr. Bell reports that the compressor is in place and the new drilling plant will be in commission this week. With this plant of machinery the company expects to drive the tunnel from the present breast into the other veins farther up the mountain, where great depth will be obtained. The other veins are all large ore bearers and it is to be expected that ore bodies of magnitude will be opened.

The new milling plant will soon be in commission, also, and the mine at once put on a basis of production. The tests made on the ores show a big recovery, and with the production of the mine far in excess of the mill capacity it will be but a short time until an additional unit will have to be put in. This new unit, it is believed, will be put in at the portal of a deeper tunnel, through which the entire group of mines will be operated. The veins are all high up on the mountain side and are susceptible of deep penetration.

STOCKHOLDERS VISIT THE PROPERTY OF HIGHLAND MNG. CO.

Kingman 7/20/20
L. R. Meyers of Minneapolis, one of the directors of the Highland Mining company, accompanied by a party of shareholders, visited the property of the company, in Union and Todd Basins the early part of the week. Mr. Myers reports the financing of the company on a large scale, and the increasing interest of the people of Minnesota and Wisconsin in this big property. The party departed to their homes by way of Los Angeles last Wednesday evening.

The property of the Highlands Mining company was formerly owned by the Union Basin Mining company and the Middle Golconda Mines company, and is among the best mines of the Wallapai District. The new company has installed a large amount of machinery and has a milling plant of 200 tons capacity almost ready to go into commission. The company is opening the property up by tunnel, although the Golconda has been unwatered to the 700 level and is ready to send out a large output of zinc and other metals through the old shaft. At this level the Tub vein, one of the largest in the district, has been opened up. This property shows mineralization of more than 50 feet in width, there being lenses of mill ore of more than 10 feet in width on the deep level. The other veins of the group are large, many of them having well defined ore bodies of unusual width. Among these are the Silver, Big Bethell Golconda, Prosperity, Blackfoot, Primrose and Tub. Everyone of these claims has been a producer of rich ore, and they still have potentialities that warrant extensive development. The Prosperity had a nine-foot pay streak, the ore running better than 200 ounces in silver to the ton, and many cars of this ore was sent to the Colorado smelters in the old days. Litigation and the failure to follow the ore body on its downward trend resulted in the property being worked only in a dis-sultory way the past fifteen years. A tunnel was driven at shallow depth to a connection with the Golconda vein but there has been no sinking done on the property. It is proposed to drive the cross country tunnel from the Middle Golconda into the Prosperity and Blackfoot veins and develop them along the deep level. Other veins are to be opened up by this tunnel, the drainage of the big mineralized area being one of the important features of the bore. With the drawing off of the water and the drying out of the veins economical work can be carried on in the ore bodies, doing away with the necessity of timbering. The equipment of the property is ample for large development.

HIGHLAND MINING CO. SOON UNDERWAY

Kingman
The first carload of machinery for the Highland Mining company arrived in Kingman early this week and will be hauled to the mines as soon as the company's truck can be put in commission. Several more carloads of machinery are expected in this week and will be sent out to the property. As soon as this machinery is in place operations on the properties will be undertaken in a large way. The company is now getting its new hoist on the Golconda in shape to begin operations on that property.

C. B. Bell and wife and J. B. Speed were in Kingman Thursday last from the property of the company attending to important business affairs. Messrs Bell and Speed are enthusiastic over the outlook for rapid development of the company's mines and look for early results. The property owned by this company is the best acreage in the county and can be put on a producing basis with a smaller expenditure of money than any other mining venture in the state. Values are good in every vein in the big group.

IG NEWS

GOES TO SAN FRANCISCO ON MINING BUSINESS

Kingman 13/6/20
Charles B. Bell, general manager of the Highland Mining company, departed last Monday to San Francisco, where he was called on important business. Mr. Bell reports that as soon as he returns from the coast, he expects to get the big mill at the company's property in shape to put in commission. The company has enough ore in sight to keep this plant in operation for at least two years.

BIG MINING PROPERTY VISITED BY STOCKHOLDERS

L. R. Myers and wife of Minneapolis, Minn., accompanied by others interested in the Highland Mining company, were in Kingman last Saturday, having returned from a visit to the property. Mr. Myers and associates are well pleased with the big estate of the company and the local management.

This company recently secured the patented property of the Union Basin Mining company, which comprises the Tub, Golconda, Prosperity, Primrose, Little Jimmie, and Blackfoot mining claims, besides several fractions. The Tub vein is about 50 feet wide, and where entered on the 500 level was said to have an ore body more than 11 feet wide of exceptional good material. The Tub shipped many thousands of tons of ore from its surface workings, the ores carrying values in gold, silver, lead and copper. This ore can readily be handled by flotation. Before the destruction of the big mill on the Golconda the management informed the writer that zinc could be produced at a profit were the market to go below five cents. The shoot in the Golconda is over 1200 feet of unbroken ore in length and only a small part of the vein has had stopes opened on it. The ore will average over 50 per cent zinc as it is broken down.

DEEP TUNNEL OF HIGHLAND WILL BE UNDER WAY SOON

C. B. Bell, general manager of the Highland Mining Company, is in Kingman from the company's property in Todd and Union Basins. Mr. Bell is awaiting the final action of the company before starting work on the deep tunnel, which is to cut the veins of the Middle Golconda and Golconda at depth. This work will be put under way within the next thirty days, immediately after the meeting of the stockholders of the Middle Golconda.

The project under consideration is that of driving a tunnel a distance of nearly two miles through one of the best mineralized parts of the Walapai district, tapping some of them at great depth. Many of the claims that will be reached by the tunnel are among the most important producers of the county. This is especially the case with the Golconda, the Prosperity and the Oro Plata veins, the other properties not having furnished quite as large a tonnage of ore as those mentioned. The Middle Golconda mine has a large tonnage of mill ore on the dumps and in the stopes that have been opened in the upper levels, but the great mass of ore that is awaiting the arrival of this tunnel is in the old Golconda, where thousands of tons have been opened above the 1400 level. The tunnel will reach far below this level, and will also cut the massive vein of the Tub lode. Taken altogether this tunnel project offers the same potentialities as that of the Arizona Butte.

HIGHLAND GETTING READY FOR WORK ON EXTENSIVE SCALE

C. B. Bell is home from a trip to the south part of the state, where he purchased a large amount of machinery for the Highland Mining company. The machinery consists of compressors, drills, motors and a big tonnage of steel. Everything that is necessary for the operation of the property is in the purchase. Mr. Bell stated that as soon as the machinery arrives it will be taken to the mines and put up for use. At the Golconda a hoist has been installed and the work of clearing out that property is under way. The mine has filled to a certain elevation with water and this will have to be pumped out to get into the heavy mineral opened on the 13th and 14th levels. These levels show wonderful ore bodies, according to the assay plats of the property, and it is this ore that could be shipped out at a profit at the present time, while the main work of development on the other mines is under way.

Mr. Bell expects to soon have a large force of men at work on the property in development and production.

SHAREHOLDERS VISIT HIGHLAND COMP

OCT 18 1919
Wednesday evening ten people, secured stock in the Highland Mining company, arrived in Kingman and following day visited the mines of company in Todd and Union Basins. The party was headed by L. R. Myers, who has been active in the promotion of the company, all of the shareholders being residents of Fredreau, South Dakota. Among the number were two ladies, Mesdames E. Russell and E. B. Barron. The mines looked good to the whole party and it is expected that large blocks of stock will be taken over by them. It appears that when the shares were placed with these people it was one of the requirements of the company that before payment be made on the shares a visit would be made to the property so that they might have general knowledge of the mines they were investing in.

The party departed to the coast Thursday evening, but many of them expect to return in the near future when the big plants of machinery are in commission.

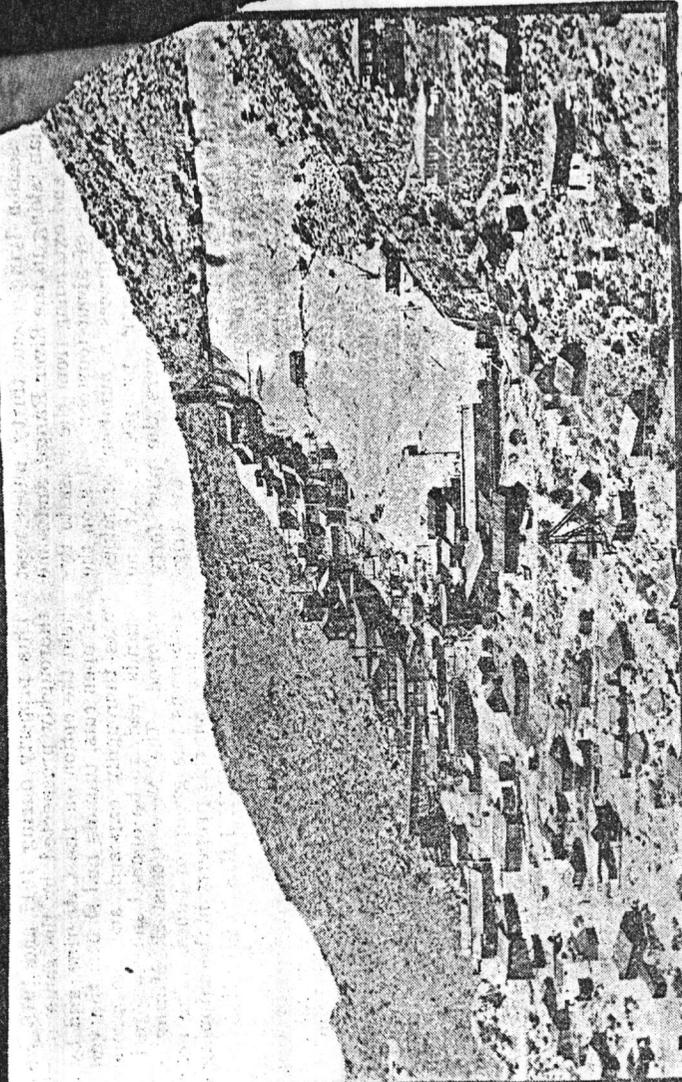
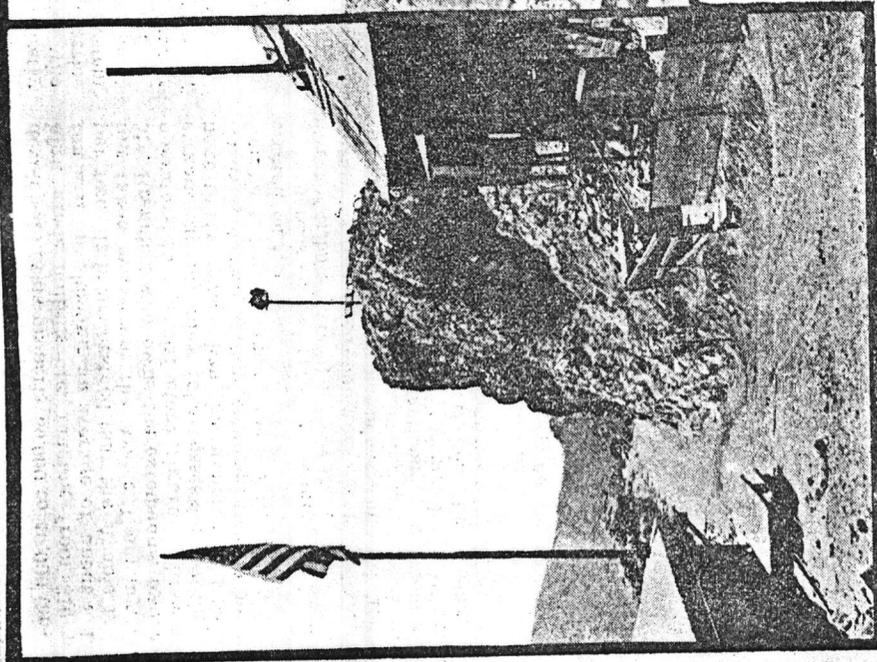
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HIGHLAND MINING CO. INSTALLING MACHINERY

James B. Speed and C. B. Bell of the Highland Mining Company were Kingman visitors this week, having come down on matters concerning that property. The Highland is now getting matters shaped for the big campaign that has been mapped out on the property of the company. The Highland Mining company has one of the best estates in the county and is in position to carry on a big development campaign. Machinery for all purposes is now on the ground, a large part of which has been installed.

Kingman July 1919

HIGHLAND MINING AND MILLING COMPANY



GOLCONDA AS IT APPEARED BEFORE THE FIRE



ONE of the greatest mining estates in the county is that owned by the Highland Mining Company, a corporation organized last April by C. B. Bell, L. R. Myers and Alexander Rose, the two latter gentlemen being residents of Milwaukee. The estate taken over by this company comprised the property of the Union Basin Mining Company, the Middle Golconda Mining Company and properties of Frank and William O'Dea. Practically all the mines have been patented. The most important of these mines are the Primrose, Prosperity, Bethel, Silver, Golconda, Tubb, Little Jimmie, Blackfoot,

the paralleling Golconda, showed immense bodies of mill ore. While this ore is not of the same character as that of the Golconda, it is still a splendid mill ore. The bodies in places in this property are fully fifty feet wide and will make a good cop-