

# Warren Mining District

In Particular with Other Important Information from Personal Observation

## Exploration to Cunningham Group

MICHIGAN MEN SECURE RIGHTS UNDER 9 MOS. BOND.

Group Comprises 119 Claims Located On Flats Near Bisbee Consolidated And Copper Glance Properties—Exploring to Be Done with Drills—Work to Commence Shortly.

Another deal was closed yesterday for the development of a very extensive group of claims, on an extended scale and of a determining character. Michigan men are the second parties to the deal and under their direction a vast area of mining property, located near the Copper Glance and Bisbee Consolidated companies' lands, will be thoroughly explored by the use of diamond drills.

The grounds acquired by the Michigan parties comprise 119 claims known as the Cunningham group and which extend over the flats situated between the Don Luis townsite and the Copper Glance and Bisbee Consolidated mines. The property is taken under a nine months' bond from Charles Cunningham and several other prominent Bisbee men who own the claims.

In all, about twenty Bisbee people hold claims included in the tract known as the Cunningham group and in which the Michigan parties will expend their energies. All parties to the deal, with the exception of two, have signed the bond. These two are now spending a visit in Mexico and an agent has been sent to secure their signatures so that there will be no unnecessary delay in carrying out the plans.

It was stated yesterday, by parties interested in the work to be done in exploring the flats, that diamond drills would be secured and put in operation as soon as possible so that the work will probably commence within the next two weeks. If the results of the tests prove satisfactory the Michigan men will purchase the claims before the expiration of the nine months given them in which to determine their value.

The value of these flats, included in the Cunningham group, as mining ground has long been a disputed question and the advent of the diamond drill, with the Michigan men back of them, will probably make plain whether or not valuable mineral deposits are located there. All portions of the property will be thoroughly explored. Untiring energy will be a characteristic under which the work will be done and if there are any valuable possibilities for these lands the question will doubtless soon be manifested.

Until such a time as the Michigan parties feel confident as to the value of the Cunningham group no money will be paid owners.

## RETURNED FROM THE HUACHUCAS

CAME THROUGH IN A BLINDING STORM OF SAND AND DUST, LOSING THE TRAIL AND MAKING A HARD TRIP.

"The bank of Monte Carlo, and all that contains wouldn't induce me to take another journey such as the one we experienced in coming from the Huachuca mountains today," said Mr. J. McP. Miller, of this city, who, in company with Messrs. Clarke and Smith, returned last evening from a visit to their interests in the Huachuca. The party started from the mountains about 11 o'clock yesterday morning in a surrey, and the three gentlemen say they have never before experienced such a hard and trying ordeal with the elements, and they are men who have witnessed some unusual things along this line.

After reaching a distance of about eight miles from their starting point, the party came into the worst of the storm, and from that time they say it was almost impossible, during the remainder of the trip here, to distinguish the roadway on account of the blinding and whirling clouds of sand and dust. For nearly an hour the trio were in a sore and uncomfortable plight, having lost the trail, and they were not at all thankful, on reaching signs of habitation and the vicinity of Bisbee.

Mr. Miller confirmed the information that excellent showing is being made at the Mitchell Development Company's property. During his four days' stay in the Huachuca he visited the mine and witnessed the energetic work being done there and the encouraging indications which were spoken of in a recent issue of the Review.

A. W. Howe leaves the realm of newspaper writer to accept the position of receiver for the Westhoff Millinery parlors in Douglas.

## Calumet & Arizona

IN '03 PRODUCED 25,978,676 Lbs.

THIS WITH ONLY ONE SMELTER FOR PART OF YEAR.

A Phenomenal Record Will Doubtless Be Made During Present Year as Third Smelter Will Soon Go Into Commission.—Plenty of Ore to Keep Smelter Busy.

The skeptics who are entertaining doubts as to the actual greatness and future prominence of the Calumet & Arizona company as a producer of copper should carefully peruse the information given below concerning the work done at the mine and smelters during the year 1903. The facts given should, at least, be absolutely convincing to the most pessimistic and the doubter who still doubts will do well to devote his attention to other lines than mining stocks, as he surely is incapable of recognizing a good and lasting mine after it has been unreservedly exposed to him.

With the twelve months which closed December 31, 1903, the C. & A. produced in the aggregate, according to corrected figures, 25,978,676 lbs. of copper at its smelters; 19,771,676 pounds of this amount, or nearly four-fifths of the total, was produced during the last eight months of the year, the remainder, 6,207,000 pounds, being smelted in January, February, March and April when but one smelter was in operation.

The production by months for the year is given as follows:

January 1, 600,000.
February 1, 500,000.
March 1, 307,000.
April 1, 800,000.
May 2, 130,000.
June 2, 177,876.
July 2, 170,000.
August 2, 698,900.
September 2, 535,800.
October 2, 538,000.
November 2, 644,000.
December 2, 878,000.
Total, 25,978,676.

Despite this unprecedented showing the record by this company for 1904 gives every promise of being even better still. A third smelter is now nearly ready to go into commission, and while nothing authentic has yet been given out, it is likely that additional smelting facilities will be erected at Douglas and in operation before the present year closes.

That the company is in a position to furnish all the mineral necessary to keep the smelter plant constantly busy cannot be disputed. The extent of the ore bodies already opened up in the mines is almost unlimited and there is no such thing as questioning that the company can ship more ore than is necessary to eclipse its record made in the past twelve months.

How it is possible, in the face of these facts, for any one to entertain any but the brightest views regarding this property, is entirely passed understanding.

## MINE AND SMELTER SUPPLY MAN HERE

WILL LEAVE THIS MORNING FOR CHIRICAUHUAS, TO CONFER WITH COMPANY ABOUT PUTTING IN SOME VALUABLE MACHINERY.

Mr. Thurston, of the El Paso Mine and Smelter Supply company, is in Bisbee to confer with some of the Chiricauhua Development Company people about the machinery they are going to put on the property. From Bisbee Mr. Thurston will go out to the mines and hold a conference with Supt. Knowles. This company has carried their development work to such a point that they have an abundance of copper ore, and the proposition can now be called a mine in every sense of the word. Machinery for taking out the ore will be installed at once, and active mining operations begun. The owners of this mine are practically the same people who own the C. & A., and it is expected that the ore will be reduced at the Douglas smelter.

Wednesday evening about 4 o'clock, about an acre of the mines here caved in, making a big hole in the top of the hill. It has been said that if the cave in the mine occurred they could go to work again, now that the cave in has come it is hoped by all here that they will soon go to work. John Brochman, manager of the Commonwealth Mining & Milling company, returned Sunday from a trip to Los Angeles.

Eight cars of coke have arrived and are being forwarded to the Black Diamond, and as soon as there is coke enough in sight to warrant them a run they will resume work.

## Some Excitement Among Holders Of Higgin's Stock

CAUSED BY RUMOR THAT MUCH ORE HAD BEEN STRUCK.

While Indications Are Very Encouraging, There Is No Real Cause For Any Flurry—Something Expected From The Property Within Coming Week Or Two.

No little excitement prevailed among the local stockholders in the Higgins Development company yesterday on account of an unconfirmed rumor that a considerable body of highly mineralized formation had been encountered, early in the morning, in the winze now being worked between the lower and upper tunnels.

Investigation on the part of the Review representative revealed the fact that nothing of any unusual significance had developed at the mine, though the same encouraging indications prevail as have characterized the exploratory work at the point mentioned. A substantial looking stringer of carbonate and oxide mineral is being followed in a drift from the winze, and from appearances it is fair to presume that it will lead to a body of ore before long, though, of course, no large body or deposit is assured.

Development work is continuing in all the workings, including the two tunnels, shaft, winze and rifts, and the next few weeks should result in producing some good news at this property. The stock, at present prices, and even at considerably higher figures, offers excellent opportunity for legitimate investment, and from which substantial returns will surely be realized.

## RICH GOLD STRIKE IS FOUND NEAR MORENCI

RUNS THOUSAND DOLLARS TO THE TON—WORK IS IN OLD REFUGIO CLAIM, AND IT PAID WELL AT ONE TIME IN THE PAST.

Gold ore worth several thousand dollars to the ton was found last week a few miles out of Morenci on the old Refugio claim by Tom and Dick Campbell, says the Morenci Standard. A lease on the claim was this week secured by the discoverers of the rich streak from the D. C. The Campbells, years ago, owned the Refugio, being the original discoverers of the great gold streak the claim carries.

They sunk a shaft about thirty feet on the vein in their time and drove a tunnel from the bottom for about ten feet. There the rich ore suddenly pinched out. An immense amount of lean remained, but its attractions were small. Later along the Campbells sold to Hoemeyer & Crawford, who in turn sold to the D. C. A few weeks ago the Campbells took another look at the Refugio and saw enough to encourage them to drive their old tunnel about five feet further. The rich streak came in again and they at once secured a lease from the D. C. and are now at work under it. The Refugio ledge is all of fifty feet wide and can be traced more than two miles. The fat streak in the ledge is about six inches through. The big body of the ledge would probably average 7 per ton. It runs east and west. The Refugio is at the mouth of Pinckard gulch. Knapp & Westbrook have the extension on the east and the D. C. on the west as far as the Home Copper company's ground, which also carries the vein. Samples brought in this week by the campbells from the Refugio tunnel and shown about town created much astonishment and interest. Most people refused at first to believe that ore of the undoubted richness of that shown could possibly have come from the near neighborhood. In the old days of the Campbells at the Refugio they arrasted \$100 per day right along.

WELCOME MINE, MARICOPA COUNTY. Wells H. Bates, Thomas G. Hunter and E. P. Vogles, who went down to the Welcome Mining property, returned Saturday morning, says the Journal Miner. They were accompanied on their return by Mr. Phillips, a California mining engineer of great experience, who spent several days at the Welcome mine, making an exhaustive examination.

E. M. Harris, who accompanied the party there, went with S. E. Fuller over to the Bill Williams Fork country to examine some properties there, both gold and silver.

The most sanguine expectations in regard to the Welcome was more than

realized by the examinations made. The body of rich ore encountered some time since holds out beyond all expectations. Such fabulously rich ore as was found there, as a rule, only occurs in pockets or kidneys, but this has been developed to such an extent as to prove it to be genuine ore body, as it has already been proven to be at least eighty feet in depth, while the length of it along the vein has not yet been determined. There are about fifty tons, probably more than that, of the ore piled up now on the dump of the mine and the full extent of the body not determined. This showing could not fail to interest the parties.

Work will be resumed soon in the further development of the mine when Mr. Phillips, who has had several years' experience as a mining superintendent. Mr. Vogles, of the party, will leave tomorrow morning for the east. Mr. Hunter will remain here for three or four days and with Mr. Bates make an examination of some mining properties in this immediate vicinity before returning east.

## NEW JEROME ENTERPRISE.

A Mine to Be Developed by Pittsburg Capitalists.

The Pittsburg Jerome Copper and Gold Mining company, organized by wealthy Pittsburgers to develop one of the most promising groups in the great Jerome copper belt, is another cog in the wheel of prosperity which is gradually turning Jerome back into its old time activity. The news learned from a most trustworthy source that the gentlemen who are organizing the above company stand high in the eastern financial and mining world. They promise, and their contract calls for legitimate mining. A five hundred foot shaft must be sunk on the property before any drifting is done. This means, unless the predictions of the best mining experts in the world go for naught, that there will be a large body of ore exposed at the head of Mescal gulch in the near future. The company promises that work will be started within sixty days, and that three shifts will be worked.

The mines are located a short distance almost directly south of Senator Clark's United Verde mine, and in the heart of the Jerome mineral zone. Some of the best experts in this country have been over the property and all have expressed the opinion that it contains at a depth a big body of ore. In company with Mr. Edeburne was

## DON'T WORRY.

This is easier said than done, yet it may be of some help to consider the matter. If the cause is over something which you have no control it is obvious that worrying will not help the matter in the least. On the other hand, if within your control you have only to act. When you have a cold and fear an attack of pneumonia, buy a bottle of Chamberlain's Cough Remedy and use it judiciously and all cause for worry as to the outcome will quickly disappear. There is no danger of pneumonia when it is used.

Mrs. Jonsson Soderholm, of Ferguson Falls, Minnesota, fell and dislocated her shoulder. She had a surgeon set it back in place as soon as possible, but it was quite sore and pained her very much. Her son mentioned that he had seen Chamberlain's Pain Balm advertised for sprains and soreness, and she asked him to buy her a bottle of it, which he did. It quickly relieved her and enabled her to sleep which she had not done for several days. The son was so much pleased with the relief it gave his mother that he has since recommended it to many others. For sale by all druggists.

Charles H. Pratt, of Canton, Ohio, a gentleman well known in the financial circles of that state.—Jerome News.

## PROSPECTING IN HUACHUCAS.

Number of Parties Eager to Take Claims in this Range.

F. D. Hale, an old time prospector who has made his home in the Hartford and Warren mining districts for some time, left yesterday for the Huachuca mountains where he is interested in a number of promising prospects. In speaking with The Review representative before taking his departure, Mr. Hale stated that during his few days' stay in Bisbee he was approached by several influential parties who are eager to acquire claims in the vicinity of the Huachuca mountains as they are becoming convinced that something good is about to develop in that territory shortly. Mr. Hale also stated that his belief is well founded, as in all his experience in prospecting throughout the west, during the last twenty-five years, he has yet to discover more promising ground than in this range.

## UNDISPUTED SUCCESS.

Says an Exchange of Superintendent Wood, of C. & A. Smelters.

There is a vast difference between toadyism and righteous praise for a good mission well performed. In the latter spirit it must be admitted that Superintendent Wood has made a remarkably fine record in the management of the Calumet & Arizona smelter. It is conceded that the plant has realized more copper from a given percent ore, and reaped the results more swiftly for its capacity, than any

smelter in the history of the industry. The third furnace was recently put in commission. The three when running regularly represent close to 900 tons capacity, but one of the older furnaces is, at the present writing, being overhauled. In the month of December the C. & A., with its present capacity, turned out 3,850,000 pounds of blister copper, a magnificent commentary, not only on the efficiency of the management, but on the quality of the ore.

The people are going after artesian water immediately. They have just completed two oil tanks of 450,000 gallons capacity each and are preparing to put in a fourth one. Their preparation would indicate that they contemplated gigantic operations from now on. The smelter employs about 200 men, but with the improvements and additions under contemplation, the force is apt to be doubled several times before the end of the year 1904.

## AT THE SANTA ROSA.

E. H. Heller has returned from the Santa Rosa mine, where he was engaged several days in making a complete survey of the property and is today making plans of the mine and its present workings. Two shafts are now being sunk and a cross-cutting is being done in another. In one of the shafts a body of copper has been encountered. At present the sinking is being done with whim hoists, but later machinery will probably be installed. Much interest in the progress of the work of the Santa Rosa is being manifested, as the property is looked upon as a large copper proposition that may rival the Cananea district in the future.

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