

Warren Mining District

In Particular with Other Important Information from Personal Observation

Miners Leaving FOR Other Climes

FOR SOME TIME THERE HAS BEEN OVER SUPPLY OF LABOR

Miners from Montana, Colorado and Other Northern Points Have for Some Time Been a Source of Annoyance to Mine Foremen. They Are Now Gradually Disappearing.

For many weeks past it has been a common sight to witness crowds of miners and other laborers whose occupation is in or about the mines, awaiting the appearance of the underground foremen or bosses at the various properties in the camp—all seeking employment. The hundreds of idle men have come to this section from various points, the majority being men who were out of work as a result of troubles in Montana and Colorado camps and some from other northern mining sections.

The amount of unemployed labor in the Bisbee camp is now becoming less and soon the conditions will be more favorable. Gradually the idle miners are taking their departure, knowing that there is not sufficient work for the many who have flocked to this section, but there is no fear that there will be any difficulty in the near future in securing men to fill the positions that are continually made vacant. There will always, no doubt, be men enough in the camp to fill all positions which the mines here afford, and there is still a large over-supply of labor in the camp.

Miners and other laborers, who have frequented the various properties for the past several weeks looking for employment, have and are returning to the mining sections of Colorado, Montana and other points from whence they came. Many of them dread the warm weather of southern Arizona, which will soon put in an appearance, and are making their way to the older camps of the north country where labor troubles have caused suspension of operations at many mines.

The labor conditions here are taking on a more healthy atmosphere because of the exodus of a large portion of the over-supply that has been very evident for some time and this should result in general good. Hundreds of idle men are not what is wanted in a community though a little over-supply of labor is not harmful. The return to the normal conditions of the camp, is therefore, gladly looked forward to as the business man, the property owner, laborer and every inhabitant of the city and camp profits and feels safer thereby.

ARIZONA DEVELOPMENT CO.'S

Lake advices are that the development companies which were formed with Michigan and Pittsburg money to exploit the copper mining region of Arizona and which are proving so successful—as witness the Calumet & Arizona company, which is producing 30,000,000 pounds of copper a year and will be producing at the rate of 20,000,000 pounds shortly—have an abundance of funds on hand with which to carry on their developments.

Almost all of these companies have lately taken to exploring their properties with the diamond drill rather than the more expensive methods of sinking shafts and running drifts. Most of the companies were formed with a few capitalizations and this low capitalization has made the value of the shares proportionately high. There are probably none of the Warren district development companies whose present capital stock, if it can be sold, will not furnish sufficient funds to meet the requirements of adequate exploration, but the funds on hand in most of these cases are quite enough to carry on work for an indefinitely long period.

The introduction of diamond drills means far more rapid exploration and it also means a definite locating of the ore body, should one underlie a given property.

ORANGES FROM MEXICO.

The Mexican consul at Tucson reports to the department of foreign relations of his government that the demand in that city for Mexican fruit, sent in from the state of Sonora, is very great, especially for oranges and melons. The number of oranges lately carried by the Southern Pacific amounted to 61,000 crates, and were sold immediately upon arrival, but the high rate of freight charged by the railroads leave very little profit for the Mexican growers, who, on their part, do not give sufficient care to picking. The consul adds that these remarks are applicable also to cans, pines, and especially to watermelons, which are preferred in Tucson to the California melons.

Higgins Starts Drill Tomorrow

PIPING AND WORK ON STATION COMPLETE TODAY.

Machine is a Large One and Has Capacity for Fifteen Hundred Feet. It Will Be Lowered into Shaft and Connections Made So That Drilling Will Possibly Commence in Afternoon.

At the Higgins property the most energy has been exerted during the past several days in preparing for the installation of the second diamond drill, which arrived here about a week ago, and now conditions are about in readiness for lowering the machine into the shaft and erecting it in the station cut at the eleven hundred foot point in the drift from the bottom of the shaft. The work of cutting the station was completed yesterday and today the extra piping, necessary for making connections between the compressor and drill, will be ready for duty. The matter of lowering the drill into the shaft, and removing it to the point from which operations will be conducted, will require not a large length of time, so it is most probable that before tomorrow evening the diamonds will be cutting into the breast of the drift.

The drill to do duty in the drift is a large one of fifteen hundred feet capacity. It is a most powerful machine and has seen duty at the Copper mines in Michigan, where it was operated by William Langdon, who is now in charge of drill operations at the Higgins. It is expected to have things going smoothly from the very start as was the case with the first machine installed about the middle of last month, and the explorations to be done are to be carried along with utmost dispatch and thoroughness.

During the time work has been in progress for the cutting of the drift stations for the second machine, operations in the winze and drift between the upper and lower tunnels have been suspended, as the miners who had been engaged here, were transferred to the 1,100-foot drift from the shaft to make preparations for the explorations to be started at the latter point. After the drill goes into commission these men will again return to their work between the tunnels where some weeks ago a strike of considerable significance was made. The extent of the ore, or what the encouraging formation encountered will eventually lead to, will be fully determined. Development work in other portions of the mine will not be carried forward until later.

BUSINESS HOUSE IS FORGING TO THE FRONT.

By Judicious Advertising the El Paso Foundry & Machine Company is Increasing Its Business.

The Review is in receipt of a letter from the El Paso Foundry & Machine company complimenting this paper on the success that firm has experienced by the use of its columns.

In writing on this subject the manager of the El Paso Foundry & Machine company, has the following to say: "El Paso, Tex., March 11, 1904. "Since we added our New and Extensive Supply Department, we have investigated the merits of advertising very thoroughly, and wish to say that this Department, a recent addition to our Machinery Manufacturing business has grown wonderfully, and is now handling considerable of its goods in carload lots, reducing the price. We will not say that this is more than we expected, as this department had to grow as it has to keep step with the march of progress established by the other departments of our business here.

Our Sheet Steel and Metal Working Department has been doubled in capacity in the past few months, and is now prepared to handle contracts for any sized specifications, being thoroughly equipped with the best appliances in this line.

In our Moulding Department we have installed a New Melting Furnace having a capacity of three quarter million pounds castings per month, and in connection with this Department have in operation a Traveling Crane, capable of handling castings up to 15 tons each, with which to distribute castings to other Departments.

Our Forge Department is now being greatly enlarged and refitted with equipment and tools which will make it the Largest Forge Shop in the Southwest, or South of St. Louis. We can now handle any and all classes of Forge work.

Our New Brass Foundry installed only a few months ago, we are now rebuilding to a capacity of several times its original size. We are now in shape to handle contracts for the

Mitchell to Have Within Few Weeks

MACHINE HAS ALREADY BEEN SHIPPED FROM MICHIGAN.

Captain Piper Returns from East. During His Visit he Made Arrangements, as Predicted by the Review, For Carrying Out Plans for Exploration by Drill Method.

Captain James Piper, superintendent of the Mitchell development property, arrived in Bisbee Monday, and yesterday morning left for the Huachuca mountains to look after the operations at his mine after an absence of about three weeks. Mr. Piper went to Michigan with his wife to attend the funeral of a relative. He was accompanied on his return trip to Arizona by his son, William, who will take a position under his father at the mine.

The captain's visit in the east resulted in the arrangements for the installation of diamond drill machines on the Mitchell property, as was predicted some time ago by The Review would be done in the near future. One machine is now enroute to this city and is expected to arrive it will be shipped at once to the property it will be shipped a once to the property. It is probable that another drill will also be secured by the company to aid in carrying out the exploratory work it is planned to do throughout the Mitchell claims.

Captain Mitchell said yesterday before leaving for the mine that it was the intention to place the machine, that is now on the way, in the shaft and the work of cutting a station for the drill will be commenced at once so that there will be no unnecessary delay in starting the explorations by the new method. It is calculated that the time that will elapse before the machine arrives will be sufficient for completing the cutting of the station so the drill will be installed so soon as it is delivered on the grounds.

Exploitation by the use of drill-holes will be carried forward at the Mitchell in a vigorous manner and the captain expects to accomplish as much work as will be necessary to prove the property, by the drill method, within six months at the outside. Ho's will be cut from the underground workings, as well as from different points from the surface. The explorations will be thorough in every respect. An expert drill setter and operator will arrive from Michigan in time to take charge of the machines and the work will be conducted most systematically as well as economically.

Conditions at the Mitchell property continue most favorable, and indications in the workings now look more encouraging than at any previous time. Until recently ore indications were encountered only in the north-east drift from the bottom of the shaft, but now the southwest drift, which is in about the same distance as the one running in the opposite direction, has run into a formation that gives good promise. The mineral in the face of the drift carries good quantities of both copper and iron and there are indications that would seem to point to the locating of an ore body near by.

The two drifts from the bottom of the shaft, which is down 365 feet, are in some eighty feet and with both workings now showing splendidly the Mitchell company certainly has reason to feel encouraged and to look forward to very satisfactory results before many months.

MINING NOTES.

The blowing in of the Equator smelter, in Yavapai county last week is the starting of a new era in the mining industry of that section says the Prescott Herald.

In a recent decision handed down by Judge Kent in Phoenix it is held that meetings of corporations organized under the laws of Arizona must be held in the territory.

It is stated that Old Dominion mine at Globe statements show net earnings of \$190,000 in the past four months, or at a rate of more than \$3 per share.

The interior department has decided to proceed in the erection of a government cement plant in the vicinity of Tonto Basin, Arizona, for furnishing material for the big irrigation project there. This decision is the result of the projection of bids submitted by cement manufacturers. The government estimates that it can erect a factory and produce cement cheaper than it can buy from manufacturers.

latest improved up-to-date Machinery, and all classes of Supplies and Accessories, and we want to say that judicious advertising pays.—Coupled with low prices we are by this means pushing our business to our entire satisfaction, and we will add that of our customers."

PROF. BATES' SUCCESSOR.

The March number of the University of Arizona Monthly publishes the following relative to the new appointment made by President Babcock at the session of the board of regents March 5, after a conference with the executive committee and Professor W. P. Blake. The new appointee to succeed Professor Blake in the chair of professor of metallurgy is Professor Ivan DeLashmutt.

Professor DeLashmutt attended the University of Oregon and later the University of California, from which institution he graduated in 1901. His work in the department of mining of that institution was highly commendable. Since his graduation the professor has had actual work in metallurgy mining, geology and civil engineering. For one year he held the position of assayer and chemist for the Santa Rita Mining company at Santa Rita, New Mexico, leaving there to take charge of the same company's shipments at the El Paso smelting works. For some time he was in the Couer d'Alene lead and silver district in Idaho, and has also visited mines in Alaska, California and Oregon.

At present he is with the Amalgamated Copper company at Butte Mont. He is given a leave of absence until the first of September in order that he may continue his investigations in mining and metallurgy at the above mentioned place. During his attendance at the universities of Oregon and California he took an active part in track team work and for two years captured the trophy awarded to the winner of the one-mile walking event. Professor DeLashmutt is the son of Hon. Van DeLashmutt, a former mayor of Portland, Oregon.

WILL LIKELY GO TO WILLCOX.

Phoenix & Eastern Outlet Being Surveyed Through the Aravaipa.

Willcox will most likely be on the eastern extension of the Phoenix & Eastern road, as the survey through the Aravaipa canyon to Willcox is found to be the most feasible of all the routes surveyed for the eastern connection, says the Phoenix Press. The building of the Phoenix & Eastern to Willcox does not change the plans of the company concerning the road coming to Benson. Following is Mr. Hanson's report on the new route:

"I find the Aravaipa route the most feasible, shortest and most natural grade, being less than forty-five feet to the mile for the entire distance of ninety-three miles from Dudleyville via Fort Grant, and from this place a direct line to any eastern point can be attained as short, if not shorter, than the Gila river route. The proposed line from Willcox to the government telegraph station at Dunlap's ranch is perfect for grade and material for substantial railroad work. From the Dunlap station through the Aravaipa canyon, a distance of seventeen miles, where the only heavy work will be encountered, out with few exceptions, is to be compared with the work of any route visited, and I believe it to be the only practicable route and one that avoids all heavy grades. The coal field route I find longer by at least five miles, and a much heavier grade and a larger amount of heavier work. "At your request I also examined the mining resources of the great Aravaipa mining district, and find it contains the greatest tonnage of low-grade ore of any district I have visited in recent years. Sixty-five miles from railroad transportation is keeping this great section at a standstill."

The Range News sees better times for Willcox if the proposed road is built to that point. It will also add to the general prosperity of the county. We congratulate our neighboring town upon its bright future.

FRIGHTFUL ACCIDENT.

A Man Falls Off Embankment, Sustaining Serious Injuries.

Solomonville, March 14.—Last Monday morning an accident happened near Geronimo, which came near ending fatally for a man whose name is Renfrew Bowen. It seems that Mr. Bowen was walking from Globe to Thomas, traveling at night along the railroad track, when in some unaccountable manner he lost his way and in trying to find his bearings fell from an embankment some fifteen feet high onto the railroad track below, striking his back on one of the rails, which caused concussion of the spine and the lower part of his body to be paralyzed. Bowen was found in this condition by some of the Indians on the reservation, thinking they could cure him by some of their superstitions, began yelling round him, chanting in their weird fashion, as each one would go to Bowen and lay their head against it. This did not do much to alleviate the intense pain with which he was suffering, so he managed to get away from them and with his arms drag himself into Geronimo, a distance of five miles, where he was cared for by kind people and the next day sent to the county hospital at Solomonville.

When Bowen arrived at Solomonville he was truly in a pitiable condition, all of the lower part of his body being bruised and torn from being dragged over the track. It was thought by Dr. J. H. Lacy that he would only live for a short time, but since then, under the treatment received at the hospital, there has been a marked improvement.

Dr. H. F. Swanback, the oldest living Odd Fellow in Nebraska, is the only man in that state who wears the Iron Cross of Prussia, presented to him by Frederick IV.

One of the odd specimens shown in the United States National museum exhibit at the world's fair is the restoration of the stegosaurus. It is life-size, and is made of papier mache.

Missouri Fraternal Congress day at the world's fair will be Monday, September 23.

The president of a big stove factory at St. Louis has announced to its employees that a solid week will be given them to view the world's fair. The factory will be shut down for a full week, and the men given full pay, in advance, for the week.

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New building, new furnishings, perfect service by expert chef and waiters from Los Angeles. Breakfast from 6 to 10 a. m. Luncheon 12 to 3 p. m. Dinner 5 to 8 p. m. Sunday dinners a specialty. Special rates to regular boarders.

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Correspondence solicited.