

INTERESTING OPINION, EASTERN OREGON MINES

Dr. Frederick, of Indiana, Has a Theory That Blind Ledges Here Are The Richest.

The Miner has received from Dr. G. W. Fredrick, president of the Idaho-Oregon Mining company, an interesting letter, in which he makes some statements regarding eastern Oregon as a mining region that should receive publicity, and for this reason portions of the letter are published below. The gentleman spent sometime here last summer, examining the various districts, and is familiar with the country. He says in part:

So far as the Ruby is concerned I have, for many reasons, become convinced that that part of the mother lode, where the Ruby, Mayflower, Midway and Orleans are located, is as rich if not more so than the portion where the four big mines of the state are located. My reasons for this are that the outcrop in this particular region is not very prominent, in fact it has been traced with very great difficulty, and this is due to the fact that the vein is so richly mineralized that it is exceedingly susceptible to the chemical changes that produce decomposition and disintegration, of not only the vein matter, but the country rock itself. Because of this rich mineralization it has undergone a very pronounced change through the metastatic action going on at the time these minerals were deposited. Had the vein at this point been less richly mineralized the quartz would have been less easily attacked by the atmosphere and moisture and more than likely would have protruded above the surface. As it is, it is deeply covered by decomposed matter, or drift (as it is usually called, though incorrectly) and that rendered it difficult to discover and locate the veins.

Reasoning from my standpoint there are more riches in eastern Oregon to be found through future explorations than have been discovered in the past. This idea has been presented to several intelligent prospectors, and I have a letter of recent date from Mr. Bartholf, wherein he acquiesced to a considerable extent in my theory regarding blind veins.

The same conditions existed at the Bartholf group, and several years were spent in trying to locate this vein, and no one succeeded in doing so until Mr. Bartholf came in possession of it, and it was not long until he had solved the mystery that had puzzled so many before.

From a reliable source I have the additional fact that ore running as high as \$19.00 a ton was found on the east end of the Ruby. I have in my possession some quartz taken last fall by myself and Bartholf that is very rich in concentrates. Mr. Walker, who had charge of the work at the Midway last fall, found some very good rock when grading the road through the Ruby to the Midway.

I regret very much that some peo-

ple, whose names I refrain from mentioning, have conducted their affairs in eastern Oregon along lines that I do not approve of, nor should any one who has the interest of eastern Oregon and honest, legitimate mining at heart. It is to be regretted that short sighted judgment has endeavored to make profits out of the manipulation of a mine to increase the price of the stock and unload on the public, when had the same amount of energy, skill and cunning been applied in an effort to get the values out of the mine, would in the end have made them more money, though probably not so quickly as they have made it through stock jobbing operations. Interested as I am in legitimate mining, it is my wish to see the resources of this district developed to their fullest extent, and every effort should be made to have it done by those who are interested.

I honestly believe that many interested in eastern Oregon have believed that it was not a deep mining region, and that the values did not extend very far below the surface. Impressed with that idea, they have attempted to make a great showing for a short time and unload their stock on an unsuspecting public, and that is where they have made their most serious mistake. There is every indication that eastern Oregon is a deep mining region of unusual character, and I believe in the end it will be absolutely proven. Such operations, however, injure those who do wish to develop their properties in the proper way, and many such will bring mining in that region into disrepute, ultimately injuring eastern Oregon to such an extent that years will elapse before it will be developed as it would otherwise be done in a very short time.

We are engaged in manufacturing enterprises, and bring an experience so obtained to our aid in mining, and after the mines have been proven mining resolves itself into a manufacturing proposition. We are better able to cope with the difficulties and obstacles that will present themselves than bankers, merchants, brokers and financiers, who imagine they are "it" because they have made an immense amount of money, and they generally become disillusioned before they have been in the business many years. Another thing, we propose to go about this in a business way, securing the best of talent to look after our affairs at the mines, and there will be no stock jobbing, no manipulation of our property for the purpose of enhancing the market value of the stock, but we intend to depend entirely upon the production of the mine to make our stock valuable, and furthermore, we have pooled our stock in such a way that it is not possible for any promoter to take advantage by stock manipulations if they desired. It is the in-

tention and wish of everyone to retain their stock as long as possible, no difference how valuable it should become, nor how valuable the public might imagine it to be.

I make this emphatic, and call your attention to our plan, because I think that the newspapers that have the interests of eastern Oregon as a mining country at heart should take a position on that phase of the business that would discourage any one to attempt it and not countenance any proposition that had for its ultimate object that method of making profits instead of making them out of the actual production of their mines.

JACK HAZELWOOD A MILLIONAIRE?

The peculiar attitude and manner of Jack Hazelwood today would lead one to infer that he has feelings similar to those of the man who broke the bank of Monte Carlo. The secret of his hilarity is that he received a letter from Tom Brown, his partner, who is working the Brown Bear placers, at East Eagle, which is supposed to contain very cheerful information.

Just what this information is, is largely a matter of conjecture, but in his lucid intervals, which are somewhat rare, Mr. Hazelwood talks about "two or three dollars to the shovel." When he grows flighty, however, he raises the ante anywhere up to \$100. No, dearie, he is not intoxicated. He never was. In fact, he has never been known to hit the flowing. His habits are strictly temperate. The news has only cheered and exhilarated him, and this accounts for his strange antics. He thinks he is a millionaire. May be he is. Let us hope he is. Sumpter will honor him. Perhaps he will build a brick block, a church, a dance hall, a merry-go-round, a booze emporium, and other things the community needs.

ANOTHER VEIN CUT AT THE OVERLAND

M. E. Bain, general manager of the Overland, who was out at the property yesterday, reports that a fourth vein has been cut by the crosscut for the main lead. This vein measures about two feet. Drifting on it has been started, with a view to exploring for some distance.

In the meantime the crosscut for the main ledge will be continued. Mr. Bain estimates that this will be encountered in about twenty feet.

DEVELOPING THE PHILSHERIDAN

Jack Monahan and Dunk Monahan, of Granite, have taken a lease on the Phil Sheridan claim in the Granite district, and have started work on it.

It is reported that they took a crew of six men out yesterday to begin operations. They propose developing the property and will ship ore to the Sumpter smelter at an early date.

Another Smelter "Revolution."

New processes for the economical treatment of ores are constantly given the public of late years by inventive geniuses, and Colorado has profited much as a result. One of the latest inventions is an automatic roasting furnace which, in its present state of perfection, is the result of years of thought and labor by William F. Collins, of Boston. One of Mr. Collins' furnaces is now in course of erection at the Colorado iron works, and Mr. Collins himself has come to Denver to see the success of the invention demonstrated to the mining world. The purpose of the new process is to reduce refractory ores to a condition in which the metals can be extracted perfectly and at a low cost per ton. The furnace is especially designed to save values that are lost by the older machines. By former methods it is estimated that only about one-fourth of the assay values of arsenical ores are saved while Mr. Collins claims that 98 per cent of such values can be saved by the use of his furnace.—Pacific Coast Miner.

Chance for Men of Moderate Means.

Every mining state in the west today offers an opportunity for a man of a moderate capital to take up and develop mining claims. Mines of this class can be secured on favorable terms and advantageously located. They have been passed by in the rush for big things or have been held at fabulous prices by the original locator. Many of them have never been located at all because of the local traditions against the finding of ore. Incidentally a large number of such properties have been successfully developed in the last few years, and there are more. The more the mining interests are distributed the better. As the records of the past few years show, a man with a knowledge of the business and a small amount of capital can at this day secure and develop mines in available localities.—Mining World.

A Business Proposition.

If you are going east a careful selection of your route is essential to the enjoyment of your trip. If it is a business trip time is the main consideration; if a pleasure trip, scenery and the conveniences and comforts of a modern railroad. Why not combine all by using the Illinois Central, the up-to-date road, running two trains daily from St. Paul and Minneapolis, and from Omaha to Chicago. Free reclining chair cars, the famous Buffet-Library-Smoking cars, all trains vestibuled. In short thoroughly modern throughout. All tickets reading via the Illinois Central will be honored on these trains and no extra fare charged. Our rates are the same as those of inferior roads—why not get your money's worth? Write for full particulars.

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Timber and Homestead Filings.

Timber and homestead filings, as well as final proofs, can be made before Charles H. Chance, United States Commissioner, office in First National Bank of Sumpter building, Sumpter, thus saving applicants expense of a trip to La Grande.