



# THE SUMPTER MINER

## DIXIE MEADOWS VEIN IS OVER 50 FEET IN WIDTH.

### What Was Thought to Be The Foot Wall Averaged \$8.50 to The Ton—Mill Will Be in Operation October 15.

The Dixie Meadows is showing up one of the most extensive ore bodies yet reported in the district. According to recent reports it was thought that the crosscut on the No. 2 level revealed a vein of fifty feet in width. This, however, was erroneous. The vein is wider. It was found that what was thought to be the foot wall averaged in value \$8.50 to the ton, therefore contradicting the theory that the opposite wall had been encountered, and that the vein was fifty feet wide. Charles Thomas, of the Fairbanks-Morse company, which is installing a 100 ton concentrator on the property, returned from the property yesterday. He says:

"It was thought that the vein at the crosscut on the No. 2 level was fifty feet wide, but when it was found that what appeared to be the foot wall averaged \$8.50, it was of course concluded that the vein had not been crosscut. Its width is not known, but is beyond fifty feet."

Regarding development work at the property, Mr. Thomas says:

"Work is now going on at a raise connecting the No. 2 with the No.

1 level. Seventy-five feet of the distance has been traversed, and there is yet another seventy-five feet before the raise is completed. From the No. 1 level a raise was put in, thirty feet, which is in ore averaging \$30 to the ton. At the point on the No. 2 level where the vein is being crosscut, 350 feet of backs will be provided.

"The main object of the company now is to provide stoping ground to supply the new mill, and it is thought that the mill capacity of 100 tons can easily be mined in twenty-four hours.

"The company is rapidly installing the machinery for the new mill, and it is the present intention to have the plant in operation by the middle of October. Four ore cars have been ordered, which will carry the ore from the mine, a distance of 2,500 feet, to the mill, on the tramway. The cars are of one ton capacity. Mule power will be used. An electric lighting plant is to be installed, and all other necessary machinery, for carrying on the work. The Dixie Meadows is making an exceptionally good showing.

## AT THE HIGHLAND.

### The Showing in the Face of the Drift Never Better.

Captain Otto Herlocker, manager of the Highland Gold Mines company, was called up today at noon and was asked in regard to the progress of the work at the mine, he said:

"Everything is moving along satisfactory. I have completed nearly all of our buildings and have most of the timber brought to the mouth of the Glasgow tunnel. At present, I am enlarging the ditch which brings the water from the east fork of Rock Creek to the air blast at the Glasgow tunnel. I found that

as the miners were driving the drift along the lead farther into the mountain that more ventilation was needed, and it is for this reason that I have enlarged the ditch.

"The showing in the face of the drift was never any better, since I took charge of the Highland mine. I am reasonably well satisfied that I am entering the Bannock Burn shoot, even though it should not be this shoot, I am certainly satisfied with the ore bodies which I am now opening up, as I have from five to six feet of very fine ore in the face of the drift this minute."

## MINING ENGINEER.

Mr. Elmer, of Psyche, Opens Office in Hotel Sumpter.

W. W. Elmer, consulting engineer, has opened an office in the Hotel

Sumpter and will do consultation work in mining, metallurgy, also patent work and extended mine surveys.

Mr. Elmer is a practical mining engineer and metallurgist of large experience, having formerly been connected with the Trade Dollar Consolidated Mines company, in Idaho, as metallurgist. He was also late manager of the Guffey-Galey California properties, and consulting engineer to the J. Guffey company, before coming into this district. For the past seven months he has been in active charge of the Psyche, and will continue as managing engineer of this property when operations are resumed after the present difficulties are adjusted.

## WILL START UP AT BIG FOUR.

### Operations to Be Resumed Shortly at The Property.

Work is to be resumed at the Big Four in the Red Boy district in a short time. W. C. Rutter, of Seattle, president and general manager of the Kittananing Mining company, was at the property this week and states that he has made arrangements for resuming operations very soon. No work has been done on the Big Four for several months.

Mr. Rutter took Warren Cable, superintendent of the Adalens, with him to examine the property, and advise as to the plan for future development. Mr. Cable recommends driving a 1,000 foot crosscut which will give a depth of over 700 feet on the vein. The Big Four is located between the Red Boy and the Cougar, on the same vein system, and Mr. Cable states that he regards it as a very promising property. Considerable work has already been done. There is a 300 foot crosscut to the main lead with over 300 feet of drifts, and two shafts of forty and sixty feet on the vein in a good grade of ore. There are three veins on the location, the main one of which, Mr. Cable states, averages between fifteen and thirty feet. The locations gives 3,000 feet on the lead with side claims which afford an excellent mill site.

Accompanying Mr. Rutter was William Shryer, of Terra Haute, Indiana, one of the stockholders in the company. He was well pleased with the Big Four and with the district generally. He visited the Red Boy, Alamo and other neighboring properties also, and thinks the camps presents a most encouraging outlook.

## DECIDE TO SINK 100 FEET DEEPER.

### MANAGEMENT OF FRIDAY TO CONTINUE SHAFT AND DRIFT.

Lumber Scarcity, the Great Drawback, has Been Adjusted, and Development Will Continue at Pearl Camp—Sawmill Men Will go Back to Old Price—Friday Placing Orders to Retimber and Reopen Shaft.

The management of the Friday mine, located at Pearl, Idaho, informs The Miner that it has been decided to sink the present shaft 100 feet deeper and then drive drifts both ways on the vein after the shaft shall have reached the 230 foot level, and there to commence the stoping of ore instead of extracting the ore reserves from the present levels.

This was decided upon after it was learned that the long looked for adjustment of the lumber scarcity, which has been one of the greatest drawbacks to the development of the various mines in the Pearl Camp, is now finally being fixed, so that it will be possible for all of the mines in the camp to get a fair supply of lumber at reasonable prices from the sawmills close to Pearl. On account of scarcity of lumber the Friday and various other mines in the camp have not been developed as rapidly as the owners or companies of these mines desire. A few days ago the sawmill men announced to the mine operators that they would be able to furnish them some lumber at the old price, and that if all of the mines would send in their orders for all of the lumber which they may need during the winter they would endeavor to fill all of these orders to the best of their ability, as they were anxious to keep all of the mines running in full blast and not have them continually shut down on account of the scarcity of lumber.

The Friday is now placing an order for sufficient lumber to retimber and repair the shaft which gave away at the bottom some two months ago on account of not having enough timber on hand to fully protect it. When the mine was drained about a year ago it was noticed that the shaft had weakened and that it should be retimbered throughout, but on account of the difficulties of getting lumber it was postponed, and work was carried on in the east drift until finally the shaft gave away and the work stopped.

Since this the timber situation has been somewhat overcome and it was

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