

## The Sumpter Miner

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OFFICIAL PAPER OF THE CITY OF SUMPTER

To no one else is vouchsafed the same emotions that stir the heart of a miner. He with his own hands can bring to light that which we work for, pray for, scheme for "whose secret presence through creations veins running quicksilver like eludes our pains." Surely to him must come keenest triumph, bitterest disappointment, days of suspense and hours of victory and with it all, hope.

It is the duty of every man interested in mining, whether his interest be direct or indirect, to concentrate his efforts in the direction of calling the attention of congress to the necessity of creating a national department of mining, with powers coextensive with other executive departments. We already have departments of agriculture and commerce, which are of vast importance to the industrial growth of the nation, and since mining is one of the basic sources of wealth, it follows that this industry should receive the same attention, the same fostering care at the hands of the national government as any other which is engaged in the production of wealth. In the various branches of this industry, the United States today is first among the nations of the world, and it seems strange it has not been recognized by congress before this. It is to be hoped that at the coming meeting of the American Mining congress the matter will be taken up in no uncertain way, and the attention of congress called to this crying need.

### HOIST FOR PSYCHE.

**Judge Fawcett States That Machinery Will be Ordered at Once.**

Judge J. Fawcett, of Omaha, president and managing owner of the Psyche company, came in from the property this week. He states that the company is making preparations to install a hoist with a depth capacity of 500 feet, together with pumps and other accompanying machinery.

Judge Fawcett says that the mine is making an exceptionally good showing. Ten stamps of the twenty included in the plant are now in commission. The order for the hoist is to be placed at once. He will spend a week or so in Omaha soon but the main part of the time will be spent at the mine. Superintendent Elmer was also in the city.

### Occupy New Office.

The real estate firm of Manning & Welsh has moved its office from the Hotel Sumpter building to the front office formerly occupied by Hon. J. H. Robbins Mill and Granite streets. Dr. E. W. Mueller, who has the building rented, will occupy the rear office.

## SAMPLING WORKS IN OPERATION.

### McEwen, Arthur & McEwen's Plant Now In Full Blast.

The Sumpter Sampling and Testing Works has opened its doors for business, and is now prepared to assist in the development of the Sumpter mining district in ways which will be highly appreciated by all those engaged in mining operations in Eastern Oregon.

It has heretofore been a very difficult matter to establish beyond a doubt the merits of a mining property; as the well known defects of hand sampling are such that many people do not feel justified in placing full confidence in the assay results obtained. It will now, however, be possible for anyone owning a mine or prospect to compel recognition of merit, by means of a sampling certificate which takes the place of the shipping record of a fully developed mine.

The principles of sampling are familiar to most mining men, and the method of procedure at the Sumpter Works has convinced those who have seen it in operation that the results obtained cannot be otherwise than a true representation of the ore values, whether the lot be twenty tons or a hundred tons.

While the customary method of taking every tenth shovel of ore from the pile in many cases gives good results, it cannot be compared for accuracy with the practice which consists in the use of a quartering-scoop which takes a quarter of every shovel of ore in the whole lot. Thus if a shipment of ten tons contains ten pounds of thousand dollar ore, the correct proportion of this will eventually find its way through the breakers and the quartering into the assay sample itself. As the success of an enterprise of this kind depends almost entirely upon the degree of confidence it is able to inspire, the management has thought it best to admit the public to the sampling floor, which gives a man an opportunity to follow his shipment through the various stages until the pile has been gradually worked down to a small size, representing the true average of the whole. This is then divided into two parts. He chooses one and takes it with him, and the other goes to the assay office. It is possible in this way to sample a twenty ton lot in one day.

The firm is in the market for ores and bullion of all kinds and in any quantity, whether large or small, paying cash for the same. It expects thereby to be of considerable use to the man who is opening up a property or mining on a small scale, as he can bring in his small lot of ore, see it sampled before his eyes, and receive cash for it on the same day, thereby enabling him to continue his development work.

The testing department has been designed with care, and cannot fail to prove of inestimable value to anyone who is contemplating the erection of a mill. He will be able to know definitely before he starts his construction, all the details which are usually not brought out until the mill has been put in operation, and when it is too late to remedy defects or alter the process, except at great expense. He can find out exactly how his ore will behave under certain specific

treatments, what process is the best and most economical, and what details must be observed to give the best results in the application of the process.

The equipment consists of a three-stamp battery with amalgamation plates, a Johnson concentrator and a small cyanide plant. An experimental chlorination plant and the Elmore oil process will be introduced later.

The whole constitutes one of the most complete and efficient plants of its kind in the state, and it is the consensus of opinion among mining men that it will be of the greatest assistance in promoting the development of the Eastern Oregon district.

### MEETS DEATH SUDDENLY.

**Jack Zwanck, Owner of Big Johnnie.  
Found Dead in Mine.**

Jack Zwanck, owner of the Big Johnnie, near Greenhorn City, was killed some time the day before yesterday, it is supposed, by a cave in. He was missed, and the search instituted yesterday morning resulted in finding his mangled remains covered with debris in the Big Johnnie tunnel where he had been working.

He was well known among the mining people of this district. He was unmarried and about 50 years old. The remains were buried in the Sumpter cemetery from the Case undertaking establishment today, under the direction of the Miners' Union, of which the deceased was a member.

### New Brick Yard.

The Sumpter Smelter company started up a brick yard last week and is turning out 16,000 brick a day for the trade. The product is said to be a very superior quality, in fact the best to be had in this part of the state.

### Good Values at Cougar.

J. W. Larkin, manager of the Cougar, spent some time in the city this week. It is stated that very encouraging values are being encountered at the property. It is not known when the mill will go into commission.

### DR. PEARCE & ANDERSON

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