

**AN OREGON  
TREADWELL MINE.**

**Mill on Great Low Grade Dyke  
Now Working.**

The new 20-stamp mill on the Black Eagle mine near Malheur City will begin pounding out gold next week.

General Manager J. F. Meikle was in Baker yesterday and said to a Herald reporter:

"The mill is ready for instant operation. The machinery will be belted up Monday and the full 20-stamps will begin dropping."

If the expectations of Mr. Meikle are fulfilled the Black Eagle will eventually rival the Treadwell or Homestake. It is located on an immense porphyry dyke, 400 feet wide, which pans free gold its entire width. Ore can be mined and milled for less than \$1 per ton. The ore will be quarried. The mill is located at the base of a high hill, through which the auriferous dyke cuts. An adit level penetrates this hill for 400 feet. An upraise of 160 feet connects the adit with the surface. Another upraise will be made at 200 feet in the tunnel. Beginning at the surface, the ore will be broken down in the form of an inverted cone; shot down the upraises into ore cars in the tunnel and hauled 400 feet into the mill hopper. At no mine in the world can ore be handled so cheaply and in such immense quantities.

Manager Meikle, who has sampled the dyke exhaustively, has secured assays ranging from a trace to \$100 per ton. He is certain he can bring the milling average to \$2.50, leaving a net profit per ton of \$1.50. With 20 stamps he can handle an immense quantity of the soft porphyry, although he announces that the mill will eventually be increased to 100, perhaps 200, maybe 500 stamps.

If the dyke maintains an average mill value of \$2.50 per ton, the Black Eagle will outclass the Treadwell.—Herald.

**QUARTZBURG MINES.**

Clippings From the Prairie City Miner's Items.

The ledge struck on the Lone Star has widened from 8 to 24 inches in a 4-foot run. E. E. Cleaver said yesterday that the two properties now worked on the Copper Ridge are showing up elegantly, and that now nearly the full face of the tunnel is in good ore and the vein is continually widening at a rapid pace.

"We are now in over 400 feet in the lower crosscut tunnel," said George H. Kight, the president of the Dixie Meadows Gold Mining Co., last night to a Miner reporter, "and making six foot every day with two shifts, being unable to run three shifts on account of bad air. We will, according to our survey, reach the lead about February 1st.

Sexton and Ward have an excellent prospect, "Little Klondike." They have run a 50 foot tunnel and struck a 4-foot ledge of solid quartz containing pure galena and of which 10 inches can be panned gold with profit.

On January 20th a Miners' meeting will be held at Grange hall, Prairie City, for the purpose of taking the necessary steps for the organization of the Quartzburg mining district. All miners are invited and requested to be present.

**Had Their Gall With Them.**

When H. S. Stafford returned to his cabin, eight miles north of Sumpter, on the 31st of December last, he found that

two parties who had gone out to relocate claims in that vicinity, after the first of the year, had taken possession of his domicile and consumed quite a quantity of his provisions. This did not hurt Mr. Stafford's feelings so much, but the fact that these men had used his abode as a stable for their horses, made him feel as though they were crowding his hospitality too much.

**NOT CORRECT IN TWO STATES.**

Oregon and Washington not Fairly Represented as to Metal Output.

Commenting on the preliminary report of the director of the mint for the year 1902, the Mining and Engineering Review has the following to say:

While in some districts the estimate of the Director of the Mint is nearly correct, as he has had every possible facility for arriving at the output, his figures for Washington and Oregon are far from being correct.

A great deal of bullion is shipped from both of these states which is never credited to them, and one mine in Oregon has produced more gold the past year than has been credited to the entire state.

There is only one absolutely sure way of arriving at the correct output of a district and that is, to get returns from each producing mine.

This the Director of the Mint cannot do, and the task would be a very difficult one, as many mine owners are averse to giving out any statement about the output of their mines.

However, a thorough canvass of each district would result in obtaining pretty accurate estimates.

**Will Incorporate a Company.**

T. J. Marcum, who owns five claims within 2000 feet of the Cracker-Oregon, has decided to incorporate a company in order to push development work on a more extensive scale. The company will be incorporated for one million shares of a par value of one dollar each with 400,000 shares in the treasury. Mr. Marcum has worked on these claims for the past five years and has driven a sixty foot tunnel on the main lead which is eighty feet wide and assays average five dollars.

**Book Social.**

The ladies guild will give a book social Friday evening at 8 o'clock. Admission ten cents. Supper will be served for which extra will be charged. Every lady in town is invited to be present and represent a book for which prizes will be given for the best representation.

Only the best brands of liquors and cigars at Dunphy's "The Club."

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**AT CRACKER CRADLE**

**Operations Being Conducted on  
Claims Owned by Mil-  
waukee People.**

Manager J. J. Hennessy is pushing work on the Cracker Cradle group in the Cracker creek section seven miles north west of Sumpter. There are three claims belonging to the company, the lead running through two of them the entire length. The third claim being a side one, little being known of its value beyond the fact that it carries mineral and is quite valuable for the timber within its limits.

As crosscut, the vein on the Dewey and Lost Lode, the two continuous claims, is twenty-eight feet wide. This tunnel is only a crosscut near the surface and only proves the lead to a depth of twenty feet. From this development, as it advanced, assays of from \$1 to \$14.65 per ton in gold have been had.

This work has now been abandoned and a development tunnel started lower down the mountain. This will tap the vein at a depth of 100 feet after being driven about 250 feet.

This company intends opening an office in Sumpter in the near future. It is probable that one of the company will come here so as to represent the concern at this end. Following are the officers; C. C. Wentworth, president; K. E. Windle, vice-president; W. S. Peck, secretary; W. H. Colburn treasurer. All these gentlemen are of Milwaukee, Wisconsin. They and Mr. Hennessy constitute the board of directors. The company is organized under the laws of Wyoming. It is their intention to make a mine out of the Cracker Cradle if money and push can do it.

**To Mine Owners and Prospectors**

If you have a meritorious mine or prospect, and are not yourself a capitalist, you can, by co-operating with others similarly situated, sell your property in half the time and for double the money that you could get by your individual efforts.

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