

TO
INVESTORS

TO
MINE
OWNERS

The Demand For Sumpter Gold Properties

IS GREATER AT THIS PERIOD THAN
IN ALL THE HISTORY OF EASTERN
OREGON MINING EXPERIENCE.

We want any number of legitimate mining propositions that will bear the very strictest examination. Dividend paying mines, partially developed mines with ore reserves, prospects with merit are asked for. In listing properties with us, state specifically cash and bond price. ❖ ❖ ❖

CONFINE DESCRIPTION OF DEVELOPMENT, CHARACTER OF ORE AND SIZE OF VEINS TO FACTS.

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MINING BROKERS

The Oldest Operators in the Camp
References—Any Bank in Baker County

Basche Block, Sumpter, Ore.

WORK AT THE MAC'S LUCK.

This Property is Being Developed by a Milwaukee Company.

Mounted on the hurricane deck of five spirited cayuses Sunday morning last, Otto Herlocker, Dick Neill, F. A. E. Starr, E. H. Horner and C. S. McLain started for the Mac's Luck Gold Mining company's claims on Deer creek, four miles from town. The first three mentioned are stockholders in this property and the other two probably would be if their conclusion of its merits counted for anything and the company was offering its treasury stock for sale.

Regarding this latter point, however, the Mac's Luck company has been fortunate in making a wise deal, by arranging with the Milwaukee Mutual Mining & Development company, to which has been given an option on all of the treasury shares and 250,000 of the promoter's shares, and placing the actual development of this property in the Development company's hands; of course, under a guarantee to execute certain work thereon. By this means, work was commenced several weeks ago and has since been carried on steadily, so that Sunday, when the property was visited, it was found that fifty feet of tunnel had been driven, in the face of which two and a half feet of splendid ore, blue quartz, is shown and which it is thought will assay well, though at this time the returns had not been learned from the local assayer. Everything is being done in a miner-like fashion, and no expense is being spared to prove the property, which bids fair to make a mine. Such was the verdict of those who went out Sunday.

A little joke is being told on the party of horseback excursionists, also, and their friends have advised them to hire a guide next time they go out of sight of town,

especially as there is a good plain wagon road to the property they visited.

Future of Mineral Flour Spar.

There are indications that the mineral flour spar, which is by no means a very common one, nor yet rare, will in a few years take a very prominent position in the science of electro-metallurgy, and become a very desirable product. At present the pure article is worth about \$5 per ton, and some 20,000 tons are being produced annually in this country from favorably located deposits. Flour spar melts at a comparatively low temperature, and when in the fused condition is capable of taking into solution a number (perhaps all) of metallic oxides, while the impurities, like quartz, silicates of alumina, lime, magnesia, etc., remain undissolved, and rising to the surface of the molten mass may be skimmed or run off as a dross or scum. In addition the fused solution so made, proves to be an electrolyte through which a current of electricity may be passed and from which some of the metals—and perhaps all of them—may be collected at the cathode in a state of purity, the oxygen combined with them going to the anode. This is a new principle, and looks as if it might be developed into an entirely new departure in metallurgy. So far, no other mineral seems to possess the solving and electro-transmitting or carrying properties of the flour spar, and we advise miners who are aware of deposits of the substance to lose no time in taking them up and patenting them. Flour spar usually occurs in veins in the older rocks, such as granite, gneiss, serpentine, mica, schist, etc., occasionally in the older limestones and sandstones. It is an easily recognized mineral of a light glassy appearance, usually purple, blue, green, rose red or yellow tints all through it. It is transparent or partly so, heavier than quartz, softer than pyrite, but harder than galena or zinc blende; is brittle, crystallizes in cubes or eight sided figures, and after being heated will show phosphorescence in the dark—Spokesman-Review.

B. L. McLAIN

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