

RETURNS FROM EASTERN TRIP.

President Killen Back and Reports Things Looking Good for Sumpter.

D. L. Killen, president of the Killen, Warner, Stewart company, returned last Friday from a three weeks' business trip to New York, Boston, Chicago, and Milwaukee. He says:

"Business is looking good all over the east, and there is more interest manifested among capitalists in mining properties than ever before. There is plenty of money looking for investment in our local mines, and what is more it is going to be invested. The good showing which the district is making is fast convincing capitalists that this is a safe place to invest money. Sumpter is well known throughout the east as one of the big mining camps of the country, and this reputation has been gained through the legitimate mining enterprises which are being conducted. From all indications this is going to be the best season in the history of the camp."

Mr. Killen went east on several big mining deals which he succeeded in bringing to a successful termination.

ELECTRO - MAGNETIC SEPARATORS.

Experimental Plant Built at Leadville for Separation of Ores.

For years the low-grade sulphide ores of Leadville, Colorado, and particularly those containing complex sulphides, as most of them do, having lead, zinc, iron and copper as well as gold, silver and other minerals in their makeup, have been an economic problem of absorbing importance to the mine owners and operators of that district. The most refractory ores are those combining large amounts of zinc sulphide with those of lead, iron and copper. There are reduction works where the lead and iron sulphides can be disposed of to advantage, but the lead smelters generally impose a penalty on zinc in excess of a stated percentage. Until recently there was no satisfactory method of separating the zinc from the accompanying sulphides, but the electro-magnetic separation of these minerals, which has only recently been accomplished, has apparently solved this vexed problem and has given a new impetus to mining in the "carbonate camp."

The Resurrection company of Leadville has built an experimental plant for the separation of zinc sulphide from galena and pyrite; it is stated to be in successful operation, and the mill will be enlarged. A similar separating device has been introduced in British Columbia, it is stated, successfully, and valueless dumps of low-grade zinc-lead-copper and iron ore have suddenly assumed an importance and a value not previously available. In almost every lead-silver district in the world zinc appears sooner or later in depth and with it usually lower values in precious metals, and heretofore this combination of base sulphides has often resulted in suspension of mining and metallurgical operations, for the reason that the lead smelter did not want the zinc, and the zinc smelter did not want the lead or iron, and

the [copper smelter wanted neither zinc nor lead. As the new electro-magnetic separators are said to make a clean product of the zinc, leaving barely a trace with the lead, iron and copper, it may easily be understood how valuable an acquisition this new method of separation is to the industry of mining in those districts where these complex sulphide ores occur.—Mining and Scientific Press.

General Warren Wins Fame on New Lines.

Along with a picture of the General, the Butte Inter Mountain publishes this: The publication in the Inter Mountain a few days ago of the story about the card game called "bughouse" aroused more or less interest in the origin of the name. Various theories have been advanced as to the source from whence the name came. A Butte gentleman says that he is quite certain that the origin of the name should be attributed to General Charles S. Warren of this city. It was about two years ago that the game was first introduced in the Silver Bow club. It was then known as "teaser." General Warren, after taking a few hands in the games, conferred upon it the name of "bughouse." "Why, anybody that would play that game would become bughouse," declared the General, and ever since the name "bughouse" has been in use.

Help Build Up The West.

The low rates from the east to the west and the northwest, February 15 to April 30, will undoubtedly bring out thousands of settlers. Where they will go is largely a question of inducement. If you are interested in securing any eastern people for your section of the west, send their names and addresses to the undersigned. All the facts and figures about the trip will be promptly sent them. H. S. Rowe, General Agent, Chicago, Milwaukee & St. Paul Railway, 134 Third Street, Portland, Ore.

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