

SCIENTIFIC AID TO PROSPECTING.

Will "Sour Dough Willie" Lose His Job In Time?

A great many devices are now being put on the market to designate to a nicety where mineral exists in the earth.

These appliances are generally termed "Ore finders," but some of them have names which would cause any one to look up a technical dictionary to determine what they are.

In the opinion of THE MINER, the best ore finder is a pick and shovel with plenty of the element called "elbow grease" behind them.

Of course a few drills, a hammer and powder, (that advertised in this paper being the best), is often necessary when the rock is too hard to be shattered with the pick.

An experienced prospector with a "grub stake" and the above mentioned assistants, comprise the old fashioned ore finder, but science claims there are others, and a list of a few of them is here given for what they are worth.

The Scientific American of October 11th, 1892, had an article in which it discussed the difficult problems encountered by the seeker for metals, with a description of Brown's Electric Ore Detector.

Then again there was an article in Western Mining World, of July 10th, 1902, and the same subject was discussed, and a report given with much detail, of a successful test trial made in Mexico by the Electric Metal Locating Co., of Chicago.

It is known that modern mining interests are appropriating all advances in sciences that show promise of industrial value in mining; and who can say but later mining under instrumental guidance, may yet be the general rule in the near future.

It is said that the Klondyke was found by "Stick George" George Cormack. Old miners say that Cripple Creek and Akler Gulch, own their early development to "stick prospectors."

Ore Finders are now being advertised for sale called by different names, Goldometers; Gold Finder; Ore Finder; Spanish Needle, all professedly reliable guides to the prospector and miner. There must be sales or the advertisements would stop.

UNPRECEDENTED SETTLEMENT

First Class Roads and Increasing Population All Over Eastern Oregon.

T. W. Lush, who resided for 20 years in the Ukiah locality, but who is at present located at La Grande, returned to this city last night from an extended trip through the interior of eastern Oregon.

Mr. Lush reports the road in fair condition as far as Sunnville. Stock is in good condition and feed plentiful. Mr. Lush reports an unprecedented settlement throughout eastern Oregon during the past six months.

He is engaged in the land and timber business and has had occasion to visit many of the most remote corners of this section of the state and finds new settlers constantly locating on all the available lands of the great mountain region.

Recently he visited the country lying between the Willowa valley and the Washington state line, where he was surprised to find many new locations. This has been considered one of the wildest sections of country left in Oregon, but the settler has invaded this

domain and roads are being built through the canyons and forests to the outside world.—East Oregonian.

OPERATE IN EASTERN OREGON

Philadelphia Syndicate to Operate Mines and Build Railways.

A Philadelphia syndicate representing millions of capital has organized a close corporation in Oregon to operate mines, mills, buildings, railways, etc. The promoters of the enterprise, on looking carefully over the ground, were struck with the great activity shown, and saw at once that a magnificent field was open for capital. It is said that the company will carry on operations on a scale exceeding anything in the history of eastern Oregon. It is a prelude to what will be witnessed there in a year or two. The secret of rapid investment here is that the mines make money.—North American Miner.

MODERN WOODMEN OF AMERICA.

New Camp of This Order Installed in Sumpter Last Week.

Deputy Head Consul R. M. Needham of the Modern Woodman of America, organized Sumpter Camp in this city on the 12th inst., with fifty-five charter members.

Following is a list of officers installed for the ensuing term. Venerable Consul J. J. Jackson; Worthy Adviser, Hugh B. Hall; Excellent Banker, Alfred P. Goss; Clerk, Leon J. Schofield; Escort, Wm. H. Mather; Watchman, Harry G. Allen; Sentry, Samuel Fuller; Physicians, Drs. Brock and Vose. Managers: S. A. Jackson, one year. Wm. F. Burlington, two years. Eliga C. Hamilton three years.

Spread the Glad Tidings.

Seymour H. Bell, one of the leading citizens and mining operators of Sumpter, Oregon, was in the city recently the guest of Prof. William H. Tibbals, with whom he is interested in the Victor gold mine, in Sumpter haunts. Mr. Bell had with him some of the finest gold specimens ever exhibited in this city. These were from eastern Oregon mines, and were enough to give the most skeptical a violent attack of the mining fever. Mr. Bell speaks in the highest terms of the future outlook for eastern Oregon mines, and he reports great activity and success in this section of the west.—Salt Lake Mining Review.

MAPS FREE.

The Illinois Central Railroad office, at Portland, Oregon, has a small supply of nicely mounted wall maps of the United States, 32x38 inches, also Cuba and Porto Rico, enlarged. If you will send us ten cents, in stamps, we will prepay the postage and send you one of these handsome maps, by return mail. If you intend going east, or know of anyone coming west, from any point east or south of St. Paul, Omaha or St. Louis, we would appreciate the opportunity of writing to you or your friends about the details. To say that is the purpose of this advertisement, but the maps are free. Address,

B. H. TRUMBULL,
142 Third Street,
Portland, Ore.

For Lowney's candies, fine chocolates, bon bons, Key West, Havana and domestic cigars, tobacco, pocket knives, stationery, cider, fruits, etc., do not fail to call at Sturgill's. Mill Street, near Granite.

Beware of imitations. See that the powder you purchase is branded "Giant Powder, San Francisco, patented May 24, No. 241941 and June 14, No. 242903.

WHEELER & C.

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32 Broadway, New York

FISCAL AGENTS FOR
BLUE BIRD MINING CO.
AND
VALLEY QUEEN MINING CO.

Write for Prospectus. Mention No. 60 and we will send you a copy of "OREGON'S RESOURCES," an illustrated pamphlet on Oregon's famous gold mines, and a three months trial subscription to the

NORTH AMERICAN MINER

A. P. GOSS, President

GEO. H. TRACY, Cashier

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Transacts a General Banking Business

Interest Allowed on Time Deposits

Drafts drawn on all parts of the world Special attention to collections.
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SUMPTER, OREGON

GRIZZLY STOCK...

20,000 Shares at less than ground floor price. You can have it for 2½ cents in one lump, or 3 cents in broken lots.

BEST BUY IN EASTERN OREGON

Write for particulars to

BERNARD FLYNN

SUMPTER, ORE.

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I have added to my stock of Cigars and Tobaccos a large number of popular novels, the leading periodicals and a complete line of stationery

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