

Elk City Mining News.

VOL. IX No. 11.

ELK CITY, IDAHO COUNTY, IDAHO THURSDAY, FEBRUARY 29, 1912.

\$2.00 The Year

IS NOW A WONDER

Mineral Zone Ore Shoot Getting Bigger.

EXTENSIVE ORE BODY OPENED

Biggest Strike Ever Made in Central Idaho.

Work has so far progressed on the new strike on the Colonel Sellers claim of the Mineral Zone group, owned by Mrs. M. A. Parr, as to dispel all doubt as to its magnitude.

The vein has been opened further to the west, and 260 ft. of the ore shoot is now exposed. This ore shoot pans the entire length, and pans very big.

In the last cut that has been opened the ore is harder and less oxidized, but seems to be of a higher grade.

It is the consensus of opinion that this is the largest and most extensive ore shoot ever opened in Central Idaho. There may have been shoots opened that in places would pan as good, but it must be taken into consideration that this vein has been stripped and ore taken out, that has been milled, and that the mill returns show it to be very high grade.

At present they are still taking out ore to be sent to the Reduction plant, and in the last cut made, it is expected that the ore will mill considerably more than formerly. It may not plate much more, but the concentrate will be of a higher grade. The entire vein is taken, from wall to wall, and from assays and pannings there seems to be very little difference in the values of the entire width.

The Mineral Zone group has one of the finest bodies of mining timber in this section, and is well situated for economical work, aside from the fact that it is a sinking proposition.

CONCENTRATES.

From the Mining and Scientific Press.

To disconnect or remove a safety device which has been attached to a machine under the direction of the safety inspector of the state is, according to the law of New York, a misdemeanor and the fine imposed for an infraction of the law, acts as a strong deterrent to carelessness and leads to a decreased number of accidents.

The appearance of raw clay is no criterion whatever as to the color of the burned product. The colors of clays vary widely, from the white of kaolin to the dark red, or black, or the red burning clays. The main coloring constituent of clays is iron oxide, and according to the amount present it gives colors ranging from buff to red.

Where the gravel from drift mines has to be brought to the surface through vertical or inclined shafts, the kind of motive power to be employed for the

purpose depends on the circumstances. If there is but little material, a hand windlass may suffice, with more, then a horse whim, steam hoist, or water power may be used. Gasoline engines will often serve every purpose, and a small distillate engine will give excellent service.

Tellurium can be detected in ores by a method recently described by G. T. Holloway, who suggests a method of isolating tellurium from ore for testing purposes, by concentrating it with the gold and silver in a lead button obtained by the ordinary fire assay, it being possible to treat as much as 50 to 60 gm. of ore in this way. The lead button is then dissolved in nitric acid, diluted, and the tellurium precipitated by means of lead foil, the deposit thus obtained being cleared and tested by concentrated sulphuric acid. If tellurium is present a deep violet color is produced that disappears on further heating. Manganese peroxide, when present, sometimes interferes with this test.

Life of timber inside a mine varies with conditions of temperature and moisture, as the fungus which destroys timber must have a definite amount of air and water, food and heat, in order to exist. If mine conditions were such that the timber could be always kept wet or always dry, it would never decay. Poorly ventilated gangways and air passages with a fair degree of moisture and a fairly high temperature, such as are especially common in the anthracite region of America, are favorable to fungus growth and hence to rapid decay. Right preservative treatment may reduce disease and decay in mine timbers to a minimum, but it is probably impossible to exterminate the disease and wholly prevent the decay. The enormous quantities of timber consumed by the mines and the necessity for replacement of the entire equipment inside the workings of an anthracite mine in twelve to eighteen months, emphasizes the unsuitability of wood for this purpose and the economic waste involved in its use.

Notice to the Public.

The two leading magazines of the Pacific Coast, the Pacific Monthly and the Sunset, have been consolidated under the title of "Sunset—the Pacific Monthly."

It is the intention of the publishers to spare no money nor effort to make Sunset—the Pacific Monthly a credit to the West and a magazine of national value and importance.

To introduce it to new readers, we will make the following offer: Send 50c in stamps, and we will put your name on our subscription list for the next four months, and will send you free a copy of the superbly illustrated Mid-Winter number, and also the famous Sunset Indian poster, securely packed in a mailing tube. It will make a beautiful ornament for your front room or den.

Send your order to Fred Lockley, Northwestern Manager, Sunset—the Pacific Monthly, Portland, Oregon.

The mill workers strike in Massachusetts is still marked by riots.

ROOSEVELT NOW CANDIDATE

Shies His Caster Into the Political Arena.

The eagerly awaited reply from Colonel Roosevelt, has been issued from New York. It follows.

"New York, Feb. 25., 1912. "Gentleman: I deeply appreciate your letter and I realize to the full, the heavy responsibility it puts upon me, expressing as it does the carefully considered convictions of the men elected by popular vote to stand as the heads of the government in their several states.

"I absolutely agree with you that this matter is not to be decided with any reference to the personal preferences or interests of any man, but purely from the standpoint of the interests of the people as a whole. I will accept the nomination for president if it is tendered to me and I will adhere to this decision until the convention has expressed its preference. One of the chief principles for which I now stand and which I have always endeavored and always will endeavor to reduce to action is the genuine rule of the people; and therefore I hope that so far as possible the people may be given the chance through direct primaries to express their preference as to who shall be the nominee of the republican presidential convention.

"Very truly
"Theodore Roosevelt.

L. H. Sendker Dead.

Word was received in Elk City last week, that L. H. Sendker, of Bradford, Pa., died there very suddenly. Mr. Sendker was well and favorably known in Elk City and Dixie, where he had large mining interests, being secretary of the Penn-Dixie Mining Co., and also heavily interested in other properties in Dixie district.

Making a Magnet.

The simplest way of magnetizing a bar of steel is that known as "single touch." The bar to be magnetized is laid on the table and the pole of a powerful magnet is rubbed from ten to twenty times along its length, always in the same direction. If the north pole of the magnet is employed the end of the bar first touched will also become a north pole, while the opposite end, at which the magnet is lifted before returning, will be a south pole.

There are other and more complicated methods, known as "divided touch" and "double touch," in which two and even four magnets are employed.

A steel bar can also be magnetized by placing it within a coil of insulated wire, through which a galvanic current is circulating. The magnetism induced in this way, however, is weak compared with that which can be procured if the same strength of current is employed through the intervention of an electro-magnet.

Disraeli Placated Carlyle.

Carlyle's opinion of Herbert Spencer as "the most unending ass in Christendom" must, of course, be read in conjunction with Carlyle's derision for mankind in general. "Mostly fools," he cheerfully thought of us all. Darwin, we know, he would not have at any price—not a word of him. Ruskin was a bottle of soda water. "A bad young man" was his sum-up of another eminent writer. But these hostile phrases were subject to considerable modification if the man against whom they were aimed came near enough to Carlyle to do him a personal favor, even to pay him a personal compliment. Disraeli, whom he had described as a mountebank dancing upon John Bull's stomach, offered Carlyle a baronetcy and elicited from him, together with a refusal of the title, many tributes to his magnanimity. He said very little about Disraeli henceforth in print, and in private he spoke of him only as "a very tragical comical fellow."

DEVELOP POWER ON THE SALMON

Portland Men Secure Water Right.

A. Welch and R. B. Montague, of Portland, operating under the name of the Lewis County Power company, have filed power site locations on the Salmon river, covering the big project at Horseshoe Bend, where locations were made several years ago by the Lewiston & Southeastern Electric Railway company.

Announcement is made that the development of the power project will be commenced this spring and at least 40,000 electric horse power will be developed at the beginning. The proposition is pronounced by engineers to be the biggest power project in the northwest today and when fully developed will provide 125,000 horse power and represent an investment of approximately \$3,000,000. The name of the site, Horseshoe Bend, is taken from the course of the Salmon river at this point and the driving of a 4,000 foot tunnel will secure a drop of over 200 feet and dump the overflow in the river at a point nearly seven miles from the point of intake.

The river at the point of intake is only 200 feet wide and the plans provide for the construction of a dam 10 feet above the low water mark. Two tunnels through the mountain will be driven to develop the maximum power but at the beginning but one tunnel will be used and this of sufficient size to develop to 40,000 horse power to be used by the company in its initial operations.

The report of the engineers shows the cost of developing the Salmon river project will not exceed \$24 per horse power, this cost including the construction of the dam, the driving of the tunnels and the installation of the electric equipment.

It is rumored that Mr. Welch is heavily interested in the Nez Perce road, and that it is probable that this line will be continued into Lewiston.

Give Capital a Chance.

It is being freely predicted that this is going to be a good year for mining industry of the west. We all hope that this is going to be the case, and, thus early in the season, the advance in metal quotations strongly indicate that the prophecy of good times coming is going to be fulfilled.

But, the mine owners of the west, the prospectors, and the claim-holder, must make up his mind to help if prosperity is to be induced to settle in our midst, for prosperity, as we view the term, means money, capital, and this must be met half way if we hope or expect to interest the owners of this money, of this capital, in the many mining propositions now held in abeyance because of lack of funds for their development.

Most every prospector, every claim-holder and every mining man, is possessed of mining ground which he deems valuable. It may be that, with proper development and equipment, it may produce millions, in time. But it is not worth millions, now. As a matter of fact, it is practi-

cally valueless, and, at the utmost, could not show more than \$5,000 or \$10,000 blocked out and in sight. Perhaps capital would be willing to give twice this much for the prospect, and it would be money in the pocket of the owner to take it. But no, his ideas of values are fixed upon future possibilities, and he wants \$250,000 or \$500,000 for a prospect upon which he has expended but a small amount in development. And then he bewails the hard times and takes a fall out of capital when the would-be investor passes up the proposition for another which can be had for something like its present actual value.

How much better it would be to close a deal for \$10,000 or \$20,000, and making a big piece of money, at that, than to scare capital away by asking exorbitant and unreasonable figures. As it is, it is the buyer who is taking the chance, and not you. Capital always assumes this risk; but it does not propose to deal in absurdities, and is always anxious to play as safe as possible.

If we want prosperous times throughout the mining districts of the west, we must give capital a chance. We must meet the man with money half way. Put yourself in his place, and then see how your own proposition would strike you. Don't be content to plod along year after year, without hardly the price of a meal in your pocket, just because you insist on asking more for a prospect than a regular producing mine is worth. Be more moderate in your demands, and give the other fellow, the man with the money, a chance to make something. You won't live always, and may never live to get a million for a piece of mining ground that is not worth more than \$50,000. Be reasonable. Help in getting a little real money in circulation in your camp, in your district; and give capital a chance.—Salt Lake Mining Review.

Decision Relating to

Placer Claims.

The following decision relating to placer mining claims has been handed down by Justice Willis Van Devanter of the supreme court of the United States, January 29, 1912, affecting two placer mining claims in Alaska. This is the case of Frank H. Waskay and others, petitioners, against Joseph Hammer and others, and brings out three different points to which the attention of the local government officials is called. They are:

1. No deputy mineral surveyor has the legal right to locate a mining claim, and if he attempts to do so, his actions shall be absolutely void. 2. The discovery of minerals within a mining location later than the date of location but prior to any adverse claim being filed renders the location void. 3. When a location includes more than twenty acres and the locator later contracts his lines to include only twenty acres and leaves outside of the new boundaries his discovery point, the location becomes invalid.

The middle-west suffered from a severe snow storm last week and several deaths occurred from exposure.