

Elk City Mining News.

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\$2.00 The Year

STIMULATES PROSPECTING

Careful Work Rewarded in District.

LOOK MORE FOR ORE SHOOTS

To Much Surface Work Cannot Be Done.

Since the uncovering of the rich ore shoot on the Mineral Zone group, prospectors are getting in shape for a more systematic and thorough prospecting of their claims.

The history of the Mineral Zone is the same as several others in this district. These claims had been held for several years, and in doing assessment work, it had been the policy to continue a tunnel that had been started, instead of opening new ground. When the tunnel was abandoned and surface work started, it was not long before a bonanza was opened.

Take the South Fork for mine example. It is well-known that at no place did the vein crop out, and very little float was thrown. This mine paid from the grass roots, and since it has been worked it has been found that all ore shoots have gone to the surface, and were merely covered by the surface soil.

The Center Star is still a better example of a blind vein. The locators of this property worked more than two years before the vein was found. There was an immense flow of float found in a gulch, that was very rich, and the soil on the bed rock on both sides of the small gulch would pan. The prospectors were compelled to sink through 15 to 20 ft. of surface soil to reach bed rock, but they were at last rewarded by the finding of a remarkably large and rich ore shoot.

The finding of these ore bodies that were covered with heavy surface soil and wash, only proves the oft repeated saying that for quartz, this district was not half prospected. It is true that a great many claims are located that have an out crop, but not many of these have an ore shoot of any magnitude.

It is a well-known fact that in the Elk City district, that most of the ore bodies that are very extensive or rich, are very soft and highly oxidized, and subject to erosion, and that in most places where a vein out-crops, it is usually low grade. Another fact has been determined by experience, and that is, if you do not get values on the surface you need not expect them with depth, for so far this has held good.

American Mining Congress.

Officials of the American Mining Congress will be formally advised in a few days that a fund of \$5,000 has been subscribed and guaranteed by operators and business men of Spokane, for the 1912 convention,

which will meet the last week in November or early in December. The congress gave the people of Spokane two weeks in which to raise the fund, which, however, was subscribed in two days. The Spokane Mining Club, headed by L. K. Armstrong, will co-operate with the Spokane Chamber of Commerce in making the sessions of interest to the various branches of the industry, also in providing adequate entertainment for the officers, delegates and visitors.

Strike Paralyzes England.

A dispatch from London says: Although this is only the second day of the coal strike, its paralyzing effect on other industries is being felt keenly. It is computed that by Monday 150,000 workers outside of the coal miners will be idle. More than 1,000,000 miners in England, Scotland and Wales are out.

Shipping is approaching a standstill and steam trawlers are laying up. That source of cheap food soon will be cut off. Many foundries already are closed. Three or four days will suffice to cause a stoppage at most of the Sheffield steel works and if the collieries don't resume within a week more than a million employes in the cotton mill and allied trades in Lancashire will be without work.

As long as the National Miners Federation adheres to the determination that a schedule of minimum wage rates drawn up by themselves must be conceded before they will enter into further negotiations, there appears not the slightest hope of settling the strike. The owners may be coerced to pay a minimum wage by legislative enactment, but this method cannot force the miners to accept and return to work.

May Soon Be Building.

A. W. Patterson, of Lewiston, says the Tribune, has received the latest information from Salmon City relative to railroad construction, which is to the effect that two large scows to be used in transporting equipment and supplies to the lower river, are now practically completed. In the letter to Mr. Patterson, statement was made that the building of the road down the Salmon river would be commenced as soon as weather conditions are favorable in the spring.

Eagle Mine Improvement.

W. A. Edwards, manager of the Eagle Mining company of Edwardsburg, left yesterday for home. His visit here was to conclude arrangements for the installation next spring of a complete electric power and lighting system, that will be automatic, self-regulating and water propelled. Harry Schieler has been engaged to supervise the work. Which fact guarantees a good job.—Meadows Eagle.

The Left Over Sandwiches.

Sometimes after a party there are sandwiches left over. Here is an excellent way of using them up: Make a batter exactly like you use for pancakes and add to it either sugar or salt, according to whether the sandwiches are sweet or savory. Then each sandwich is dipped in the batter and fried till a golden brown in fat from which a faint bluish smoke is rising. No matter how dry they are they are delicious done in this way. Crusts that have been cut off from sandwiches dry in the oven, put through a mincing machine and use as coating for fish, rissoles, etc.—Baltimore American.

TAFT ALARMED GIVES WARNING

Orders Americans in Mexico to Seek Safety.

Senator Lodge of Massachusetts said at the White House Saturday that the situation in Mexico was about as bad as it possibly could be.

"Our interests in Mexico continue to protest against conditions there," said Mr. Lodge. "There is no use shutting our eyes to the fact that a state of anarchy exists there. I am against intervention and will oppose it, but still it is just like having a house afire next door."

The gravity of the situation in Mexico caused President Taft to issue a proclamation virtually warning American citizens to refrain from entering the country and those now residents there to leave when conditions threaten to become intolerable. The decision to issue such a warning was reached at a special meeting of the cabinet.

Mr. and Mrs. J. W. Collett, of Livingston, passed through Elk City, this week for the Jumbo mine in the Hump. Mr. Collett is vice president of the leasing company.

The pleasant news was received this week, that Dr. F. A. Campbell of Grangeville, who is in California for his health, is improving.

Mrs. M. McCarthy, of Kalispell, Mont., has gone to the Jumbo mine, where she will be employed as cook.

Joe Egbert, who has been attending the University mining school, at Moscow, has returned to Elk City.

Jas. Heater, of Newsome, passed through town this week for Orogrande.

Mrs. Wilkinson, of Spokane, arrived yesterday, to cook at the Hotel Parr.

A Dramatist at Work.

When Eugene Walter writes a play the tools necessary to the process are one large room, one outfit of furniture and one exceptionally rapid stenographer. Mr. Walter and the stenographer enter the room. The door is locked, and work is begun by placing the furniture as it is to be placed on the stage—in other words, by setting the scene. Then the young dramatist begins to act. He is all the characters in his play. He rushes about the apartments, quarreling with himself, making love to himself, now standing here as one person and then racing to the opposite end of the apartment to be another. All the time he is speaking the words that come into his mind as natural under the circumstances, and the stenographer is taking them down at top speed. At the end of an hour or two an act is finished, an invisible curtain is rung down, and if the amanuensis hasn't fainted, as two did in one day of labor on one play, the stage is set for the next act.—Channing Pollock in "The Footlights—Fore and Aft."

Plants Which Live In Ice.

Plants do not freeze to death in the early winter, but perish from thirst. The process is simple. The cold causes the withdrawal of the water from the cells of the plants, forming ice crystals outside the cells. The frost, cooling and contracting the surface, acts as a sort of pump, and as soon as the cell is emptied of its life giving fluid the plant dies. The truth of this theory has been proved by numerous careful experiments. Great variation was found in the amount of cold necessary to cause the death of vegetation. Some plants dry out quickly and are killed before the freezing point is reached. Many plants will survive zero weather, and some die only at 20 degrees below. Certain vegetable growths never freeze. There are forms of bacteria that even when immersed in liquid air, the most intense cold available, come out of their bitter bath as lively as ever.—London Telegraph.

SOLDIERS LOOT CHINESE CITY

Terrorize Populace and Bank Pillaged.

Rioting of a serious nature took place in Tien Tsin, China, Saturday night. The outbreak has been feared and precautions were taken as far as possible to protect residents from harm.

Between 9 and 10 o'clock the soldiers mutinied, set fire to a number of buildings and then began looting from house to house. They were joined by the rabble. Shops and banks in all important streets were looted and some of them were wrecked.

In order to intimidate the populace, the soldiers kept up a continual gun fire. The rattle of musketry could be heard throughout the night. Only a few police remained loyal and they were outnumbered and powerless to suppress the disorders.

No less than fourteen fires were raging simultaneously in various parts of the city. The soldiers broke into the Pei Yang mint which was set on fire. Machinery to the value of many thousands of dollars were destroyed. The looters entered the silver store wrenching off the iron shutters and even making holes in the walls. The mint was looted of everything portable and the ground was strewn with empty cartridge cases.

Hand Drilling.

Rapid drilling by hand is not accomplished by use of heavy hammers and forceful blows, but by hammers of the proper size handled by men who know how to strike the blow that will cause the drill to cut and keep the bottom of the hole clear so that the drill is worked on solid rock and not on a lot of loose fragments. This is an art, and is only learned by experience.

CONCENTRATES.

From the Mining and Scientific Press.

Lode locators in California are required by state law to file proof of labor within 30 days after the time limit for performing such labor, but there is no 90-day requirement as to work. The statute merely provides that development work shall be of the character, in the manner, and within the time required by the laws of the United States.

Permissible charges for surveys and charges for publication in newspapers have been fixed by the commissioner of the general land office, in accordance with the provisions of the land office regulations. In a daily paper the charge may not exceed \$7 for each ten lines for the full period required by law. For a weekly paper, \$5 is the permissible charge. For the publication of citations in contests or hearings, not more than \$8 may be charged for five publications in a weekly paper, or \$10 for publication in a daily paper for thirty days. When it appears that excessive charges have been imposed by any surveyor, prompt steps are taken to correct it.

In assaying ores containing much copper this metal is largely concentrated in the lead button, making it hard, and necessitating repeated scorifications, and in

some cases a preliminary removal of the copper by solution of the ore in nitric acid. This leaves the gold in the insoluble residue, which is filtered off, and the silver in the solution is thrown down by hydrochloric acid. The resulting precipitate of silver chloride is filtered, and the residue and the precipitate are scorified together. Ores containing much arsenic or sulphur are generally roasted at a low heat, and the assay is made on the roasted material, but this must be carefully done, otherwise considerable losses will occur.

In explosives for use in the open air, such as, for example, quarrying or railroad excavation strength and efficiency in removing rock are the qualities that are most important, and usually are the only ones that need consideration in the selection of a suitable explosive. Explosives that are to be used in tunneling must not only possess strength and efficiency, but also be of such composition that upon exploding they will not give off large quantities of poisonous or offensive gases. In explosives intended for use in coal mines, a further property is most important. Besides possessing the qualities of strength, efficiency in breaking down coal, and freedom from poisonous explosion products, the explosive should be of such nature as not readily to ignite explosive mixtures of gas or coal dust.

When mining claims are re-located in such a way as to forfeit the rights of previous locators, the question as to whether the improvement made are forfeited depends upon whether they can be considered a part of the realty or not. Thus, in California it has been held that an engine and pump became part of the realty, and an engine-house with 15-hp. engine, boiler, and attachments, fastened to the realty and used for development of the claim, were held to be real property, belonging to the re-locator, while a cabin set on blocks and a portable fence were held to be personal property. The land department has held that the improvements re-located cannot be counted as part of the \$500 expenditure required by law.

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.