

MINES AND MINING IN THE NORTHWEST

EDITED BY
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GOOD PROGRESS IS MADE ON THE EMMA LODE CLAIM

The Shaft Has Now Reached a Depth of Three Hundred and Fifty Feet—Good Prospects Encourage Owners of the Pacific Claim—Machinery Being Placed in Position at the Sinbad.

The shaft on the Emma claim through which the Butte Mining & Development company intends to open up the mother lode of this district has reached a depth of nearly 350 feet. The rock through which the sinking is being done is not so soft as it was nearer the surface. The drilling is done by means of compressed air and good progress is being made. The volume of water is about as heavy as formerly, but the company experiences no trouble in handling it. The company is adding to its possessions. It has taken a bond on the Olive Branch, located south of Silver Bow creek at a point about half a mile west of the Colorado smelter, and will, Saturday, let a contract for sinking the shaft 100 feet deeper. It expects to sink the additional depth within the next thirty days. The Olive Branch was originally owned by Ferry Blaine, who made his first start in life from ore taken out of it. Mr. Blaine, however, did his work near the surface. After Mr. Blaine died the property fell into the hands of Messrs. Whiting & Alexander, the present owners. During the last six months it has been worked under lease by A. Hoffman, who has taken out \$10,000 in gold and silver. The shaft is only 80 feet deep now. The pay streak the entire length of the east and west drifts at this depth is from 12 to 18 inches wide, and picked samples of ore from it assayed 1.687 ounces in silver per ton and \$40 in gold, with a small percentage of copper. Recently the property was examined by an expert on mines, who expressed the belief that it was one of the most promising producers in the district. The shaft on the Pacific claim has

reached a depth of 110 feet and no moisture in sight. The Pacific is owned by the Butte Mine & Exploration company and covers copper ground directly east of the Butte & Boston placer, on which a strike of rich copper ore was made a few months ago. The two shafts are only about 75 yards apart. The muck coming from the shaft of the Pacific is stained with copper, showing conclusively that the ground contains mineral. It is thought that the vein will be cut within the next 50 feet. Three shifts of men are kept at work.

The Sinbad, owned by the Largey estate, is being equipped with heavy hoisting machinery. The property is located near the foot hills of the range of mountains east of the city. At the point where the shaft is being sunk the wash is deep, but bedrock has been struck. The shaft is now down about 300 feet and sinking will be resumed as soon as the new machinery is in place.

MINES OF THE BLACK HILLS There Are Many Good Ones—A Great Mining Company Underdeveloped.

The Burlington railroad company has just issued a neat little 48-page pamphlet in which it sets forth the mining possibilities of the Black Hills of South Dakota. The book is full of very interesting matter relating to the Hills and their wonderful mineral resources. R. J. Minter, United States assayer, places the total output of gold from the Hills since the time of discovery in 1874 at \$90,000,000, but there are some residents of the Hills who believe it is much greater. Although the first discovery of gold was made there in 1874, no mining of consequence was done until late in 1876, as the miners had to contend with Indians and also United States soldiers up to and after the spring of that year.

The country was part of the great Sioux Indian reservation and it was not until after the government bought the Hills that men were permitted to mine. In 1876 quite a number of miners working the rich placers were rounded up by soldiers and taken to Fort Laramie, a distance of about 200 miles, but the majority of them left the post between days and returned to the land of gold.

Deadwood gulch was the most prolific source of placer gold in that section, and from 1876 to 1878 the circulating medium of the entire district was yellow dust from the gulch. The Homestake company was about the first corporation to demonstrate the quartz possibilities of the Hills. It built a 60-stamp mill in 1878 and after satisfying itself that it had good property several more larger mills were built from time to time. The company was backed by such well known mining men as J. B. Haggin and his associate, Mr. Hearst, who had unlimited capital at their command. Samuel Mc-Masters was general manager for the company and a better man to handle such a gigantic enterprise could not have been found. Mc-Masters managed the property until about 1893, when he died of ossification of the spine. The future of the company was at that time, however, assured. Mc-Masters was succeeded by Thomas J. Greer, who has been at the helm ever since and has prosecuted development with vigor and good judgment. Mr. Greer has recently added a 1,004 in cyanide plant to the series of reduction plants, since which very little gold has escaped in the waters of Gold Creek, which for years has been carrying away the red tailings.

The Black Hills comprises a great country in more ways than one. They have an area of about 5,000 square miles and their limit is marked by a sharp ridge of sandstone from 300 to 600 feet high. Their altitude is from 3,500 to 6,500 feet. Ten geologic ages are represented in their formation, only two of the universal elements being required to make the whole complete. Nearly every mineral known to mineralogists is found within their classic confines.

One great trouble in bringing the Hills to the front in a mineral way has been the backwardness of capital in taking hold. If the same mining conditions existed in Montana that prevail in the Hills a mining company would be working on every ten-acres of ground. Here the surface indications are doubtful in places, but there they are good everywhere. Some of the best looking prospects in that country have had nothing more than the assessment work done on them, and many have not even received this much consideration. These claims are being held by men who know little or nothing about mines or mining, and would not attempt to open them up even if they possessed a thorough knowledge of it all. They are simply waiting for someone to offer them a fancy price that they may sell and go back to their former eastern homes.

WILL OPERATE EVERYWHERE New Company in Which H. L. Frank Is Interested Organized in Spokane.

Patrick Clark's new corporation, the Spokane Development company, which filed its articles of incorporation yesterday, promises to be the most important mining company that has been floated in Spokane for many months, says the Spokane Review. It is backed almost entirely by Spokane capitalists, who have long been associated in successful mining enterprises. They have incorporated in order to handle their interests more conveniently. The capital is \$1,000,000, in \$1 shares. The local backers, with H. L. Frank of Butte, who has often been connected with Mr. Clark in mining deals, will take practically all of the stock that may be placed on the market.

The company would have been floated some time ago, but there was delay over the name. Mr. Clark, with pardonable pride in his home town, has long wanted to name the company after the city. It was discovered that several years ago a company using the name "Spokane" was formed here. It afterwards suspended. Mr. Clark waited for some time in order to ascertain that there would be no conflict if he used the name. On being assured on that point, he promptly christened the corporation the Spokane Development company. Associated with Mr. Clark in his new company are W. J. C. Wakefield, B. C. Kingsbury, N. Fred Essig and Charles S. Eitingo of Spokane, who are named as incorporators, and H. L. Frank of Butte. The new company is made up largely of the same interests that were allied in developing the War Eagle and the Iron Mask at Rossland, and the Republic in Ferry county.

"The company will operate all over the northwest," said Mr. Clark. "We have already secured several interests on Prince of Wales island, Alaska, and we shall do a good deal of work there. We have also taken hold of a big free milling proposition near Cape Nome. "It will be purely a development company. We expect to take promising properties, operate them until their worth is proven, and we shall probably float subsidiary companies to handle the most meritorious mines that we shall develop."

GOLD AT BIG BEND, OREGON Vast Placer Deposits, But Little Development Done—Wild Stampede to Get Claims.

"You never saw a finer sample of a newspaper stampede for gold than is now being made into the Big Bend country of the Snake river, in Oregon," said W. S. McBride, general agent of the Rio Grande Western. "Why, the whole country is staked out in claims, for the whole length of the great bend of the river, where it dips down into Oregon in a mighty bow, from the Idaho line, forming an almost perfect loop and coming back almost to the starting point, about 20 miles. "The first claim was taken several years ago, by a New York company, but practically nothing was done for a long time. Finally, the company started a shaft, digging down 75 feet, where they found the gold-bearing gravel which has caused the furor. The gravel seems to

carry enough gold to make the discovery a remarkable one, especially if the gold-bearing gravel should extend over the whole bend, as is believed. The gravel is in the old bed of the river, but much deeper down than the river is at present; it must have filled in to the depth of many feet in the countless ages since the gold was washed there.

"But outside of the first prospect, there is really almost nothing being done in the district, save to wait for something to turn up. There was a frantic rush to the new country to stake out claims and every foot of land, almost, near to the river, is already laid out. But no one is developing. They seem to lack the capital, or the courage, to put their supposed wealth to the test. The gold may be there—tons and tons of it—but they would rather not do their digging in too big a hurry, find nothing, and thus lose all chance to sell out. It wants some one with nerve to go in and work the country, and see what is under the surface.

"From the vast amount of the gravel deposit, or the country it is supposed to cover, the amount of gold in the district would be almost incalculable. Gold in heaps, in piles, in carloads, would reward the diggers if one-half the tales are true, that are told of the country. But in reality, no one knows. There is scarcely a prospect hole, scarcely anything but the claim stakes, and those do not tell very much of what is under them. It would be a great find, discounting the Klondike several times over, if the belief of the promoters and friends of the Big Bend district should be substantiated."

ODD FELLOWS' EXCURSION JULY 14

Three special trains will leave Montana Union depot at 8:00, 8:30 and 9:30 a. m., Sunday, July 14th for Twin Bridges. Everybody invited. Rate for the round trip, \$1.25; children, 65 cents.

COUNCIL RESOLUTION NO. 358.

A resolution for the laying of wooden sidewalks in the City of Butte. Be it resolved by the City Council of the City of Butte:

Section 1. That wooden sidewalks be, and the same are hereby ordered constructed in front of or along the side of the following described premises, to wit: On Excelsior avenue in front of lot No. 1, block No. 3, Excelsior addition.

On the north side of Park street in front of lots Nos. 7, 8 and 9, block No. 33, Butte townsite.

On Washington street in front of lots 1, 2, 3, 4 and 5, block No. 34, Butte townsite.

On the south side of Park street in front of lot No. 1, block No. 34, Butte townsite.

In front of Nos. 210, 212 and 214, South Idaho street.

On south Idaho street, from No. 229 to Silver street.

In front of No. 313 South Idaho street.

On Dakota street from No. 424 to Gold street.

On Wyoming street, in front of lots Nos. 1, 2, 3 and 4, block No. 13, Butte townsite.

On Quartz street in front of lots Nos. 7, 8, 9, 10, 11 and 12, block No. 7, Butte townsite.

On the west side of Alabama street, from Quartz alley to Copper street.

Section 2. The said wooden sidewalks to be constructed of the materials and in conformity with the requirements of Section 1, 2 and 3, of Ordinance No. 452 of the City of Butte, and are hereby ordered constructed within ten (10) days from the passage of this resolution.

Section 3. The city engineer is hereby instructed to give notice to the several property holders in front of or along the side of whose property the above sidewalks are ordered constructed, to construct the same within the time limited by Section 2 of this resolution.

Passed this 10th day of July, 1901. Approved this 11th day of July, 1901. W. H. DAVEY, Mayor.

Attest: W. K. QUARLES, City Clerk. Office of the City Clerk, of the City of Butte, County of Silver Bow, State of Montana—ss: I hereby certify that the above and foregoing ordinance was regularly put upon its final passage and duly passed by the City Council, at a regular meeting held on the 10th day of July, A. D., 1901, and approved by the Mayor of said city on the 11th day of July, A. D., 1901. In witness whereof I have set my hand, and affixed the corporate seal of the city, this 11th day of July, A. D., 1901. W. K. QUARLES, City Clerk.

NOTICE TO CONTRACTORS.

Sealed bids will be received by the City Council of the City of Butte, to be filed with the City Clerk until 8 o'clock p. m., July 17th, 1901, for the construction of a sanitary sewer on Maryland avenue from Main street to Iron street in the City of Butte.

Plans, specifications and form of bid may be seen at the office of the city engineer. A certified check for \$100 must accompany each bid, which will be considered as liquidated damages if the requirements in the way of contract and bond are not entered into within five (5) days after the award has been made. The city reserves the right to reject any or all bids. W. K. QUARLES, City Clerk.

Dated July 11th, 1901. The annual meeting of the stockholders of the Mutual Loan and Savings association will be held at the office at 15 West Broadway, at 8 o'clock p. m. on the 22d day of July, 1901, for the election of directors, and for such other business as may legally come before the meeting. M. GENZBERGER, President. ARTHUR SMITH, Secretary.

NOTICE IS HEREBY GIVEN THAT the assessment book of Silver Bow county for the year 1901 is now complete and open for inspection of all persons interested, and that the Board of County Commissioners of said county will sit as a Board of Equalization, commencing Monday, July 15th, 1901, and continue in session from time to time until August 12th, 1901, from 10 a. m. to 12 m. and

from 2 p. m. to 4 p. m., Sundays excepted, for the purpose of equalizing assessments of the county. W. D. CLARK, Chairman.

BURLINGTON ROUTE EXCURSIONS. The Burlington Route will sell round trip tickets as follows: Milwaukee, July 19 and 20, \$51.70. Buffalo, first and third Tuesdays, \$64.50. For further information call upon or write, PHIL DANIELS, 35 East Broadway.

SUMMER EXCURSIONS VIA GREAT NORTHERN RAILWAY CO.

Basin and return, (good every Sunday).....\$1.00
Boulder and return, (good every Sunday).....\$1.00
Basin and return, (good Saturday until Monday).....\$1.50
Boulder and return, (good Saturday until Monday).....\$1.50
E. DAWSON, G. A., 41 N. Main street.

Rich Specimens of CARPET CROPPINGS

Taken from the surface of our Midsummer Clearance Sale, to create a stampede of buyers to the greatest bargain lode ever uncovered in Silver Bow county. Prices and qualities that prove the strongest vein of carpet values ever opened up has its apex in our store. Cross-cuts run through the stock in every direction show nothing but the grandest of bargains with a pinching out of prices the like of which was never before known in Butte. Carpets as pretty as your imagination could picture them, at prices lower than you ever dreamed of buying them.

75 Pieces Tapestry Brussels

The most complete assortment of patterns afford you a choice of light or dark grounds in floral, scroll or conventional designs in values that run up to \$1.00 a yard. This Sale 47 1-2c a Yard

35 Pieces Ingrain Carpets

Cotton mixed, close weave, clear colors and serviceable goods; not the best but decidedly better than you usually see at 50c a yard. This Sale for 30c a Yard

18 Pieces Ingrain Carpets

Cotton warp, strictly all wool filled, guaranteed fast colors and fine patterns. Carpets that you never expect to buy for less than 75c. This Sale for 50c a Yard

80 Pieces Ingrain Carpets

Best all wool, extra super ingrain. If we had but ten pieces the price would be not a penny less than 85c a yard. As it is we make you a present of 20c on each yard by selling them. This Sale for 65c a Yard

Wilton Velvet

30 pieces Wilton velvet carpets, patterns that would be perfectly at home in the palace of a prince. Colors that rival the rainbow's hues for beauty and qualities that give true promise of years of service. Best \$1.25 values.....

20 Pieces Moquette Carpets

Close, heavy pile, rich colorings, artistic patterns, choice weaves, serviceable bedroom adornments. Carpets that will make you proud of the rooms you use them in. Good \$1.35 values..... This Sale for \$1.00 a Yard

30 Pieces Floor Oil Cloth

That we failed to sample at the beginning of the season and has consequently never been shown, has been resurrected for this sale and cut from 40c a yard to a price we think will close it out in a week. This Sale for 30c a Yard

43 Pieces Linoleum

Of the regular \$1 grade, splendid line of patterns in best quality. Nothing against them but the quantity and our old hobby of no old goods to commence a new season. This Sale for 80c a Yard

Brownfield-Canty Carpet Co

48 to 54 West Park Street, Butte
Goods Sold on Installments Freight Paid on Mail Orders

They'd Deceive Yourself

The kind of false teeth I am putting in on bridge and on plate. The newest improvements are imitation of nature. Can "duplicate" any natural tooth.

Prices Reduced for July Work the Best.
Dr. E. E. German
114 1/2 North Main Street

The Connell Store

We Just Received a Limited Quantity of Men's French Percale Shirts
Plaited bosoms—these shirts are what is known in the trade as custom made—fitting the body comfortably and snugly; they are in new designs. Prices range from.....\$1.25 to \$1.75

HARPING ON MEN'S UNDERWEAR
Yes, we keep harping on men's underwear because we carry the largest stock in the city and because at this time our extraordinary large stock impels a reduction of prices.
Our 50c shirts and drawers are phenomenal values—so is our silk line underwear at \$1.50 a suit.
CONNELL'S \$18 ALL WOOL SUITS
For men are made to fit and to give perfect satisfaction.
M. J. Connell Company

Lots in the McQueen Addition

\$125.00 to \$200.00 on Easy Payments....
This addition in eastern suburbs of Butte, close to new Farrell, Butte & Boston, Large estate et al. shafts, is selling very rapidly. Has increased in value nearly 50 per cent in last year.
THE THOMPSON CO. Fire Insurance, Loans
15 West Broadway.

50c and \$1 Pipes 25c

3,000 French Briar Pipes. 100 Different Varieties. Not a pipe in the lot that is not worth 50 cents. Many would be cheap at \$1.00.
SEE THEM IN OUR WINDOW.
Eagle Pharmacy Main Street, One Door South of Park St., Butte

1 Pound Goes as far as any other 1 1/2 Pounds

CEYLON GREEN TEA, an entirely new product, a delicious beverage. So good do we know it to be that we give large samples of it free to all adults calling. Valuable present to every purchaser of Tea or Coffee.
THE FAIR, 111 Hamilton Street

GOLDEN "C" CURE

Loosens that phlegm that annoys you so in the morning. That's what does it.
THERE ARE Many kinds of Tooth Brushes that we don't keep; but the kind we keep, we guarantee. A low-priced Tooth Brush (called cheap) is the dearest. Let us pick you out a good Tooth Brush.
Fosselman Drug Store, 43 E. Park

THE DRIVING SEASON IS AT HAND...

You Furnish the Horse. We Will do the Rest.
ARE YOU READY FOR IT?
Carriages, Wagons, Traps, all Rubber Tired.
WESTERN WAGON & GRAIN CO., 649 South Arizona Street Butte, Mont.