

Mines and Mining.

A GREAT PROPERTY

ST. JULIEN MAY BECOME A LARGE PRODUCER.

LOCATED IN PARK COUNTY

New Owners Have Built a Mill and Expended Considerable Money in Development Work.

Since the St. Julien gold mine has become the property of the Nolan brothers of this city and W. A. Bery of Detroit, Mich., its development, which has been quickly going forward under their direction, gives promise of placing the property in the near future in the ranks with the great gold mines for which Montana has become famous, and will no doubt ultimately show to the people of the state that Park county will become one of the greatest producers of the yellow metal in the state, says the Livingston Enterprise.

The St. Julien mine is an old and well-known quartz gold property, but its development has never been prosecuted on a scientific scale until it passed into the control of the Nolan brothers of this city about a year and a half ago. Since these gentlemen obtained possession of the property they have expended a large sum of money, not alone upon the development of the lode proper, but in the erection of a modern El Pass roller mill, with Cammett & Willey concentrator tables to treat the ore product, and also in putting up houses for the accommodation of the miners and other workmen employed on and around the property, the building of wagon roads, etc., all of which has taken time, patience and faith in the ultimate worth of the property.

Near Rich Placer.

The mine is located in the Emigrant mining district, about six miles from the old and well-known mining camp of Chico, where one of the richest placer mines in the country is also located.

The St. Julien is situated in an amphitheater, formed by the mountains surrounding the famous old Emigrant peak, one of the early-day landmarks of the pioneers to the gold fields of Montana. The district has long been famous as a mineral district, and has contributed in no inconsiderable quantity to the wealth of the country since its discovery.

A Magnet for Capital.

Interest now, however, centers around the development going forward in the St. Julien. Operations on the mine have gone forward so quietly during the past year and a half that but few people realize its importance or the part it is more than likely to play in attracting attention to Park county as a gold mining section.

Within the past 10 days the celebrated mining expert, Alex Burrell, was sent to the district by a syndicate of London capitalists to examine mines with a view to possible purchase and working them on an extensive scale. While engaged in this work he visited the St. Julien in order to more thoroughly familiarize himself with the ores of the district. He estimates that there are more than 800,000 tons of ore in sight in the mine awaiting extraction and reduction.

Developing It by Tunnels.

The property is being developed by a series of four tunnels by which the mine can be worked to a depth of more than 1300 feet.

The mill has a capacity of about 40 tons per day, and is kept steadily running, giving fairly good satisfaction. A clean-up pan is at present being put in at the mill, and other necessary work for the winter is being done. From present indications the outlook is more than good for Park county to add a great gold mine to those which have already made Montana the most famous mineral state in the Union.

On the croppings of the big lode at the top of the hill a shaft has been sunk to a depth of 150 feet, but owing to the extreme steepness of the mountain, work on the mine is now almost exclusively confined to the tunnels. These are four in number, No. 1 having been driven in 150 feet, No. 2, 250 feet, No. 3, 175 feet, and No. 4 about 500 feet. All these tunnels are in milling ore of a good quality.

Formation a Hard Porphyry. The country rock and formation is a hard porphyry, where exposed on the surface, though in the mine it is somewhat softer. The vein gives promise of being of mammoth proportions. The foot wall has been followed in most of the workings, though no well defined hanging wall has as yet been found. What has been taken for the hanging wall has been discovered several times, but on breaking through it large quantities of ore appear on the other side of it, so that it is not really known how wide the vein is.

District an Old One. The St. Julien mine is a great deposit or vein of pay rock, and is one of a series of mineralized lodes in a highly mineralized zone that includes the Emigrant district, the Cowles camp and the mines on the Boulder river, Cook City, Bear gulch, etc. The district is one of the oldest in Montana and contains nearly every variety of precious metal-bearing ores, with their associate minerals, including good copper indications. Properly speaking, the entire district lies locked within the rugged embrace of the Snowy range of mountains, and the problem of conquering these almost unconquerable heights has served to retard the development of the country. It is only within the last few years that development work in earnest has begun to show up the wealth of that end of Park county, and its steady golden output from the few mines that are in operation is beginning to attract the attention of the mining world. That its development from this time on will be rapid, those best posted on the immense possibilities of the district do not hesitate to predict.

"No Book Larnin." "How many times did you vote in the recent election?" asked the judge. The prisoner was silent. "Answer the question! How many times did you vote?" "Marse Tom," said the prisoner, addressing the judge, ain't you know me long enough ter know dat I don't know nuttin' 'tall 'bout 'rithmetic?"—Atlanta Constitution.

Shrewd Strategy. Mrs. Sellom-Home—How do you manage to keep your hired help at home when there is a circus parade? Mrs. Jenner Lee Ondego—My husband is a man of considerable influence, you know, and he usually manages to have the procession pass the house.—Chicago Tribune.

"Well," said the observant boarder. "President Roosevelt has disappointed the cabinet guessers."

"Yes," added the cross-eyed boarder. "he has taken a rudy-made cabinet."—Pittsburg Chronicle-Telegraph.

NEW PROCESS FOUND

LOW GRADE ORE CAN BE MADE TO YIELD ITS CONTENTS.

IT IS BEST FOR TREATMENT

An Attorney Has Proven That Gold Grows—The Discovery Has Created a Sensation in the Centennial State.

Mining men in Colorado are greatly excited over what is said to be a new process for extracting gold from low-grade ore. Willard Teller, a leading lawyer of Colorado, is one of the principals in the company which has the secret of the new process. The Denver News thus tells of the process and what Mr. Teller says about it:

Mr. Teller does not hesitate to say that he has spent a large part of his time for three months investigating the process and that he is convinced beyond doubt of the practicability of the extraction. He has mixed the liquids at many of the tests and has weighed out the yellow metal as it revealed itself to the inquiring gaze of the investigators. The secret alchemy of the process is not for the public, and if the present intentions of the syndicate are not changed no amount of financial inducement will reveal the process. In the course of a good natured talk, Mr. Teller said:

Not Seeking Notoriety. "We are not seeking notoriety in this matter, and I know of no reason why a man can't undertake a private venture without being under any obligation to receive all the world into his confidence."

"Have you no doubt at all as to the result of the process?" was asked. "None at all. It is absolutely beyond doubt, as I have repeatedly extracted the gold from the ore."

"Do all classes of gold ore yield equally as well?"

"No. The lower grades of ore are the best for treatment."

"How do you account for that?"

"I account for it on the presumption that gold grows. We find that the tellurium ores which are very high grade are not adapted to the process, as our process yields little more upon tellurium



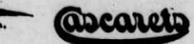
The Bad Boy's Bowel Blessing

Nature punishes every excess, not only of the bad boy, but of ourselves as well. Over-eating, over-drinking, under-sleeping result in bowel troubles liable to become serious.

"My children will take Cascarets sooner than any other medicine."
—Mrs. Frank Mumert, Princeton, Ill.
"I am now using Cascarets in my family and they are wonderful among children."
—Lee D. Thompson, Portsmouth, Va.
"Our little girl was troubled with constipation for over two years. Cascarets cured her. They are also the best remedy for colds we ever used."
—Mr. and Mrs. Ralph Dutton, Clayton, N. Y.
"I have used Cascarets and have found them a most excellent remedy for both myself and my children."
—Mrs. Bridges McCrosson, 809 Bond St., Philadelphia, Pa.

"Cascarets are the easiest medicine to give to children I ever came across."
—Mrs. E. F. Kelly, 481 Calvin St., Pittsburg, Pa.
"My two boys think Cascarets are candy. I never have to insist on their taking them. Sleep with a box of Cascarets under my pillow. No home should be without them."
—Mrs. G. A. Proccot, Chicago, Ill.
"Cascarets are wonderfully good for children."
—Mrs. Wm. Roan, Catsamount, N. Y.
"We have used Cascarets for three years for the children as well as ourselves. They do just what they are recommended to do."
—Mrs. F. M. Kolling, 418 Dock St., Steubenville, O.

Every good, healthy, hearty boy is sometimes a bad boy—bad to himself, and will do things in the green apple, mince pie or other over-eating line that will twist his bowels. Men are only boys grown tall. In such a case what is needed is not a violent physic that will rack the tender bowel tissues, but Cascarets Candy Cathartic, gentle but sure to act at once and put things right. They are the most perfect medicine in the world for all forms of indigestion, dyspepsia and constipation.



Best for the Bowels. All druggists, 10c, 50c, 50c. Never sold in bulk. The genuine tablet stamped C. C. C. Guaranteed to cure or your money back. Sample and booklet free. Address: Sterling Remedy Company, Chicago or New York.

than the ordinary fire assay. We want nothing, therefore, to do with tellurium."

"What grade do you prefer?"

"Oh, any of the low grades, such as the \$5, \$10 or \$20 grades. Ores which show only a trace of gold may yield \$200 a ton."

"How high do they run when the new test is applied?"

"They run up to \$200, \$500, \$1000 or even higher."

Cost of the Treatment. "What is the cost of the treatment?"

"It will cost probably \$50 or \$60 a ton. I hardly believe it will reach \$60 except in rare cases. The cost varies according to the character of the ore, but it is not prohibitive."

"Do you have a theory?"

"Yes. Gold heretofore has been recognized only when in the visible form. There may be a development of gold in the form of a gas and it is possible that the invisible gold is ripened and brought forward in the ultimate degree of development in the course of the process. The idea is that the gold is ripened rapidly under the process, instead of requiring a long period of time. I am convinced by tests and also from many years of experience that gold grows."

"How was the process discovered?"

Discovered by Accident. "Mr. Wynn says it was by accident, although he had been experimenting for five years before success crowned his efforts. When the process was called to

my attention I had no faith, but decided to test it, as Mr. Wynn is a modest man and makes no pretensions whatever. He was for a number of years a physician and graduated at one of the regular schools. Later in life he devoted a great deal of time to chemistry and finally his entire attention was given to the extraction of gold. The result was attained only after many bitter disappointments and after he had many times been on the point of giving up the experiments. His discovery is the greatest known in modern times in the treatment of ores. The process will apply to other ores besides gold."

Pocket Full of Buttons. Mr. Teller has a pocket full of gold buttons which he has extracted in the course of his experiments on the mine dumps of the Clear Creek region. Some of the buttons are worth \$100 or more, and others run down as low as \$10 or \$20, representing a small amount of ore. The ore is ground before being subjected to the treatment, and it requires 24 hours before the yellow metal is turned out. The secret of the process, as explained by friends of the experimenters, is in the combination of chemicals and not in the treatment, as quite a number of Denver men have been admitted to view the process.

Mr. Teller Reliable. James H. Brown, a well-known attorney, who has been well acquainted with Mr. Teller for 20 years, said last even-

ing that he would not doubt the correctness of the conclusions reached by Mr. Teller. "No man in Colorado," said Mr. Brown, "is better qualified to make a clear-cut investigation than Mr. Teller. Any attorney who has ever been on the opposite side of a case in which Mr. Teller appeared as counsel, will say that there was no chance for subterfuge or evasion. Man does not know all the secrets of nature, and it is not at all improbable that a profound secret has been discovered. The advancement in knowledge of electricity warns any man to go slow in declaring that other fields equally as astonishing may not be opened. A recent announcement is that the weather is controlled by electric currents. I am pretty well convinced that the theory is true. The mining methods of today would appear miraculous to miners of 100 years ago. The astounding revelations of science should be borne in mind, and when a man says he has discovered a new process of metal extraction we should not be so ready to deny it."

Situation Is Critical. New York, Nov. 20.—A Vienna correspondent says the situation in the reichsrath, due to violent conflicts going on outside, is a critical one. A leading paper of Prague says all the efforts of the government and German party will be vain if undertaken with the purpose of prolonging the present situation, which is an injustice to the linguistic rights of the Czechs.

Men's Tailored Clothes, Made to Fit!



The Connell Store

YOU can get clothing in scores of stores, but what kind? All say they have the "best" and the "cheapest." You have twenty-five years' experience with our store ---that should count.



FRANKLY we confess that for reasons obvious to the most casual observer, things have been a little backward in Butte this season. We made preparations for the biggest demand, and we have today an immense stock of Winter Garments which must be disposed of—all, of course, up to our high standard; as you know, we never deal in "jobs," "trash" or what is known as "wholesale" clothing—so you can buy from us with confidence, for no matter how low the price may be every article must come up to our own ideal. Connell's name on clothing, shoes or other articles gives them a standard of merit.

Dollars in It
A Lot in The
McQueen Addition

At the present prices. New copper finds being made every day near this ground. — The water company now extending mains. Prices \$150.00. \$30.00 cash, Balance easy payments.

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An Honorable Deception

Is the wearing of a false tooth or a set of teeth that I make. They will deceive not only your best friend, but yourself. Except for your knowledge of which is which, you could never pick out the false tooth or teeth by reflection in a mirror. Size, shape, even the coloring is natural.

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or any other reputable physician of Butte about the benefits of

Golden "C" Cure
For coughs, colds, croup, and that Scourge of Butte—
PNEUMONIA

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Those dreadful blood diseases are ailments of the past, if you use the

OXYDIOL
Blood Specifics

new school remedies for all blood and skin diseases. No mercury.

Men's Fine Clothes
REALLY we hesitate to tell you how excellent a suit you can buy of us for \$9.90. Under ordinary conditions this suit would sell for \$15.00. TAILORED SUITS of fancy weaves, cut on scientific principles—perfect fit—\$15.00 to \$18.50. EXTRA FINE suits made of imported fabrics—equal in merit and appearance to \$50.00 suits, only \$20.00 to \$30.00. NOTE: We will not permit a misfit to leave our store, if we know it. Everything must be right with us.

Men's Fine Overcoats
To describe our overcoat stock would take more space than there is at our disposal—all that we can say—and that is saying much—they are in keeping with the high standard of our business. For \$12.50, you can buy a warm, all wool overcoat—one that would be considered good value for \$18.00. For \$15.00 to \$25.00, you can buy magnificent outer garments—made in the latest fashion—lined and trimmed in first-class style. You can save \$5.00 to \$10.00 each on our fine overcoats.

New Trousers Arrived
YESTERDAY we received a special invoice of extra size trousers, at \$3.50 a pair. TODAY we place on sale over 1000 pairs of men's fancy trousers—all new styles—beginning at \$3.00 a pair. Buy an extra pair of trousers and save your Sunday suit.

Big Underwear Sale
Possibly it sounds extravagant, but we feel we are within reasonable limits, when we say that we have the most extensive and varied stock of men's wool underwear in the Northwest. WE BUY directly from the mills, saving all intermediate profits. We are sole agents for many leading makes, notably the "Lewis" Underwear, made in Wisconsin. We place on sale for this week 200 dozen men's wool shirts and drawers at 65c each. 150 dozen fine lamb's wool shirts and drawers at \$1.25 each, easily worth \$2.00. SPECIAL importation of Cart-right & Warner's English Underwear and the Mechlin German Underwear; \$3.50 to \$5.00 a garment.

Big Sock Bargains
150 dozen men's grey wool socks, extra heavy heels and toes, elastic ribbed tops, at 12 1/2c a pair; 75c a box of 6 pair—worth just double. MEN'S EXTRA heavy all-wool socks, with double heels and toes, extra long, ribbed tops—3 pair for 50c.

Jersey Knit Gloves 25c
Men's Mocha dress gloves, silk lined, only 75c a pair, worth \$1.25. Men's extra heavy unlined Indian tan Buckskin gloves, with or without rivets, all sizes, only \$1.00 a pair. NOTE: We have 100 different kinds of men's gloves, from 25c a pair to \$5.00. Such a variety is not obtainable elsewhere, outside of a few of the largest cities.

Talking of Shoes
There is a lot of fuss made about shoes in the newspapers—some have fancy names and some have no names—at least the names given mean nothing—hap-hazard work of unknown makers. How unlike the way of the celebrated

"Hanan" Shoes
for which we are sole agents in Butte. They have the largest factory in the world—established 50 years ago—never ashamed of the name. "Hanan's" shoes for men and women are without an equal. Don't throw money away on "cheap" shoes, made by "nobody" and recommended merely to sell them. "Hanan's" make is the standard. Next comes

Connell's 'Perfection' Shoes
For women. These are made expressly for us—they bear our stamp, which you know means exactly what we say—a guarantee of satisfaction.

House for Rubbers
Wholesale and retail. We are the biggest rubber dealers in Montana. Prepare for winter. It's coming now. Merchants throughout the state should send orders at once.

Men's Evening and Dress Suits Latest Styles.

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Earl & Wilson Collars and Cuffs and Dress Shirts