

LATEST FROM THE MOPS

Big Strike Reported in the Golden Gate Extension.

ACCIDENT AT MERCUR.

Two Men Killed by a Blast at the Hecla Saturday Night.

OPERATIONS AT DEEP CREEK

New Fangled Gold Saver Tested at Bingham.

The Park City Mines—A Group in Ophir Canyon Sold—Henry Ryan Returns From a Visit to the Ajax

The Bullion—Paris—Golden Gate Mill—Mining Notes and Personal.

Word was received in this city last night that a body of shaft ore had been encountered in the shaft being driven in the group of claims at Mercur owned by the Golden Gate Extension Mining company in which Robert Walker, Jr., of Walker Bros. bank, and C. H. Griffin are heavily interested.

The news of the strike, The Herald is informed, has set the people of Mercur wild; but in this city, owing to the late hour at which the report was received, but very few of the details were obtainable, but enough was learned, however, to establish the fact that Mercur would soon add another producer to its list of bonanzas, and that another mill would soon be grinding away on gold ore in that camp.

The outlook for Mercur is today brighter than at any time in its previous history. The Mercur mine, as mentioned in yesterday's Herald, is showing up larger and richer bodies of ore in its workings than ever before, and its milling capacity has been increased by the introduction of an improved process of grinding, the building of a mill for the Golden Gate mine, with a capacity of 500 tons daily, is now an almost assured fact. The Gray, Marion and Sacramento mills are running very satisfactorily on a good grade of ore, and there is every reason to believe that the Golden Seals will break into ore at almost any day now, to be followed within a few days more by a strike in the Wonder, and probably in the Index.

Encouraging word also comes from other portions of Camp Floyd district, the latest being that good milling ore had been encountered in the Overland, at Sunshine, and that favorable results were being obtained in the western counties, at Manning and in the Five Mile pass country.

Another encouraging sign is the fact that the original mine owners of Mercur are showing their faith in the district by putting their money back into the ground as fast as they take it out. This is being done right along by the Mercur people, who, besides purchasing additional ground for the Mercur group, have also invested good money in the Brickyard group, the Rover, and the Malvern, while Sunshine officials are interested in developments going on in the Overland, the Malvern and other properties in the neighborhood of Sunshine and Mercur.

This is a good sign, and should encourage other investors in the Mercur district.

DEEP CREEK MINES.

Thapah Correspondence to the Blade, at Nephi.

The people of Thapah are highly elated over the news of the starting of the Deep Creek railroad. Yet some are doubtful if it will come. They think a few miles of grade will terminate the work for an indefinite period.

We learn that Mr. Hayes of the Consolidated Gold Mining company, is at Gold Hill with an English mining expert and that they started up the mill to make a short run, to show how the ore turned out, which will probably be a sale of that property before long.

T. C. Rookledge's team loaded with tools and men passed through Thapah today en route to the Queen of Sheba mine situated in Fifteen Mile canyon, where they will prepare the ground for the saw-mill. They intend soon putting in a Cranford quartz mill.

Stranges Bros. are going to locate their saw-mill in what is known as Tom's canyon on the Willow Spring side, and after they get the mill set up, they intend to make a road over the base an. down on the Deep Creek side so as to make it convenient for the people of Thapah to get to the mill.

W. G. Robinson of Grantsville, was in our precinct a few days last week. He seems somewhat pleased with our mineral resources. It is expected that Mr. Robinson will invest in our mineral stock soon.

W. F. Zabels is doing business in the way of liquors in the old Devine building. He has so arranged the building that one would hardly know there was a saloon in the place.

The stage was delayed last night on account of the heavy fall of snow. We had as heavy a snow storm as we have had at any time during the winter.

THE M'KELLAR GOLD SAVER.

It is Tested on Bingham Placers With Great Success.

During the past two or three days, says the Bingham Bulletin, a new-fangled gold-saving machine has been in operation on the Hope placer, below Dry fork, and surface indications are that it is destined to prove very important in solving the problem of treating dirt that by ordinary means would hardly pay for handling.

To be made in mining stocks by careful investment. Daily's listed stocks have been placed in regular dividend.

WEEKLY MARKET LETTER and quotations upon application.

JAMES A. WOLLOCK, 100 Main street, Salt Lake City.

however, containing about twenty tons of gravel, and this the machine man bought, paying for it at the rate obtained from it by Messrs. Crane & West by ordinary sluicing about \$1 per yard. The result is that the machine is extracting over \$2 per yard, and Messrs. Crane & West, from a doubt as to the efficacy of gold machines generally, are converted to the belief that this one saves every particle of gold, no matter how fine, and is a wonder of its kind.

The machine is in the possession of A. McKellar, a blacksmith doing business at 223 South First East street, Salt Lake city; and associated with him is Eugene Wellman. It is a simple contrivance, yet in many features distinctly a new thing in the gold-saving line. Gravel is washed through an ordinary sluice on to a coarse screen, and thence the screenings and water pass into a funnel-shaped hopper which discharges into an upright cylindrical device heavily charged with quick. The stream, having head enough to make it agitate the quick and centrally directed, then passes into a smaller cylinder similarly constructed and charged, and thence over a set of swinging riffles, to arrest any particle of gold that may have escaped from the second cylinder. As thorough as is the work of the cylinders, however, they very little reaches the first two or three riffles in the course of a day's run, and Mr. McKellar is positive that not a trace of gold, no matter how fine, can get away. This is the first really practical test he has made, and having demonstrated that there was a deficiency in the construction of the gold of the large cylinder, last evening he went to the city to make some slight changes. Otherwise he believes his machine is a success, beyond anything he had anticipated, and that it absolutely solves the problem of saving flour gold. In this the writer, and all who have seen it operate, are inclined to agree with him. So quietly has the machine been constructed and put into operation that this article is the first mention made of it in print. We predict that it will soon be receiving great attention from the press.

MOROSCO FUSION PROCESS.

A Method of Extracting Ore in Use in California.

With the revival of the mining industry, new processes for the reduction of low-grade ores, many of which are the results of years of patient experiment and study, are commencing to present themselves for the approval or disapproval of the miner. The latest of these is the Morosco fusion process, which is being tested at the Golden Gate mine, in what is known as the Morosco fusion.

The subject of calcination of the ore to the molten state, and the extraction of the precious metal thereby, according to the Denver Republican, is by no means a new idea in metallurgy. The difficulties heretofore encountered in the application of this process, which at first seems extremely simple, are the devising of practical machinery for feeding the ore continuously into the furnace, the handling of the same in its passage through the molten lead in such a manner as to bring every particle of ore in contact with the lead for a sufficient length of time to insure perfect extraction of the precious metal, and the discharging of the slag from the apparatus without any loss of lead. To overcome these difficulties, much thought, labor and capital has been expended heretofore without result. The fact that eminent scientific authorities have conceded the practicability of such a process has spurred on invention regardless of the large amount of money which is invested in the patent offices of the United States and other countries, and at last capital has shown its faith in the process by the building of an extensive plant, which was commenced nearly a year ago, and is now ready for the commencement of operations.

The treatment of the ore in detail is as follows: The ore is being first reduced to 20 or 40 mesh, according to its character, is then subjected to a blast, in order to free it from all volatile bases, such as sulphur, arsenic, antimony, which, if allowed to remain, would prevent the ore and lead coming together. The roasted ore is at once fed to the bath machine while still at a high temperature. The ore is first reduced to 20 or 40 mesh, according to its character, is then subjected to a blast, in order to free it from all volatile bases, such as sulphur, arsenic, antimony, which, if allowed to remain, would prevent the ore and lead coming together. The roasted ore is at once fed to the bath machine while still at a high temperature.

ACCIDENT AT MERCUR.

Report That Two Men Were Killed at the Hecla.

It was reported here last evening that an accident occurred at the Hecla, at Mercur, on Saturday night, which resulted in the death of two men. One of the men was shot and falling to get out of the way in time was killed. The names of the unfortunate could not be learned.

IT WAS PREMATURE.

DENVER, May 17.—It appears that the announcement that the Miners' Federation had decided to affiliate with the American Federation of Labor was premature. The move is said to be strongly favored by many of the members, but it cannot be learned that official action has been taken in any way upon the matter.

Mining Notes and Personal.

Monroe Bush, one of Mercur's representative citizens and a member of the Mercur city council, is in Salt Lake on business.

Robert Boyle, a miner working in the High Ore mine at Butte, Montana, was killed by a falling rock at Mercur on Saturday night.

Denver capitalists have recently leased the Keystone mine at De Lamar, Nev. They will pay off the debt on the property and develop the same in a thorough manner.

Miner, Monte, of the Mercur mine, at Mercur, is still continuing his work at the attention of capitalists. At the meeting a few days ago a May dividend of \$200 was declared.

When the mines at Taylor, Nevada, were in full operation there were 500 men in that camp. Today there are two men and about fifty empty buildings. The decline in silver struck the camp out.

The Bullion-Paris mine at Ephraim in Utah, is being worked by a rapidly revolving disk, which is a trap for the running water which immediately chills the ore and thence passes on to the concentrator.

After the ore passes through the bath it carries no gold nor silver, as the precious metals have become fused with the lead and left behind in the bath, while the ore is discharged into the water below, carrying with it about 44 per cent of lead, which is all recovered on the concentrators, remelting and refining, and is used again in the bath.

The bath furnace takes one-quarter of a cord of wood in twenty-four hours to keep a proper heat. Twelve-horse power is required for running the machinery. Providing the capacity of the present machine is only ten tons per day, the cost of working per ton is \$2.02 on information tallies that have lain idle for want of some means for the extraction of their remaining values.

treatment will save the Anchor several dollars per ton in value it will place the property in better shape than ever. A present it is rather difficult to tell how long the work will last, as it all depends on the progress made in the construction of the new mill.

The Record stated some three weeks ago that the Anchor and associates would build a Peck concentrating mill in Park City, and from an interview with J. J. Daly, who is interested, showed conclusively that this camp would probably have been cleared away, the mill could be built and conducted on a thoroughly economical basis. However, when it came to arranging details, a hitch occurred in the matter of a water supply, and using that as a basis many croakers and birds of ill omen began to say that it was doubtful if the mill would be built. This week, however, has been cleared away, the site has been decided upon, a water supply provided for and the fact given out that construction will begin in the near future. The other features mentioned in the Record are being carried out, and we are assured by Mr. Daly, will also come to pass, and a tramway will be built from the Anchor tunnel to the new mill. Next week we will make an effort to get some more details of the details which are now secret owing to the unfinished condition of proposed plans. There has never been any real doubt that the mill would be built in Park City, but some people, who by crude methods of inquiry met with rebuff, sought to make it appear that the enterprise was a failure.

Slinking is now going forward at the Creole at a fairly rapid rate of progress. The Marsac mill shipped twenty-one bars of bullion yesterday morning, the same being 599.5 lbs. It went west to Salt Lake City.

Through the breaking of a large pulley at the Ontario mill Wednesday morning a close-down of several hours was necessitated. Projector agents beginning to make preparations to take to the hills, which is a better sign of final spring than the blue bird and robin.

J. T. Sweeney is energetically developing the Silver Jack mine, situated in Utah mining district. He has some good indications and expects to make a good showing ere long.

Several new ledges have been discovered at Park City during the past few weeks, the croppings of which all show a strong trace of copper. The indications are that two or three of the new finds will attract considerable attention in the mining circles.

Owing to bad roads operations in Thayne's canyon have not yet been resumed on the many prospects up that way. The season is fully one month late and it will require twenty days more of most favorable weather to make the canyon passable.

Silver Creek jiggers are still doing a land office business and indications are that they will continue to do so for some time to come. It is found that the bed of the creek, which has been years in forming from Ontario and Marsac tailings, contains good values and is being worked by the men that they can get money making there.

The shaft pump at the Bogam was started Monday and is working to a certain extent, keeping the shaft clear of water until the next morning. The order of the day and is being prosecuted vigorously. The directors held a meeting last evening and levied an assessment of 5 cents per share, the majority of which appears in another column.

The directors of the Lucky Bill Mining company held a meeting at the company's office in Park City Monday of this week and levied an assessment of 2 cents per share. Owing to a scarcity of timbers and fuel and the fearful condition of the roads, which practically forbid traffic, only one shift is being worked at the mine, the work going forward from the 1,000 foot level.

ATTENTION, DEMOCRATS!

A convention of the Democratic party of Utah county is hereby called to meet at the Opera house in Provo city, Utah, on Thursday, May 28, 1896, at 10 o'clock a. m., for the purpose of electing county delegates to the state Democratic convention to be held at Salt Lake city on June 6, 1896; as per call of the state central committee and for the election of a county chairman and secretary of the county central committee and the transaction of such other business as may properly come before the convention.

Representation to said convention is appointed to the several precincts of the county as follows:

- Alpine 4
American Fork 20
Benjamin 6
Cedar Fort 3
Clinton 1
Fairfield 1
Goshen 6
Highland 3
Lake Shore 4
Lehi 24
Mapleton 7
Payson 23
Pleasant Grove 11
Provo, First ward 11
Provo, Second ward 9
Provo, Third ward 10
Provo, Fourth ward 8
Pritchard 1
Provo Bench 6
P. V. Junction 1
Salem 6
Santiquin 14
Shoshone 32
Springville 3
Spring Lake 3
Thistle 2
Tucker 2
Vineyard 4

Total 284

It is suggested that primaries for the election of delegates to said convention be held in all the precincts in the county on Thursday, May 28, 1896. At said primaries, precinct party officers should be elected for the ensuing year and the names of the officers elected be forwarded immediately to the secretary of the county central committee.

In the election of the delegates and precinct officers there should be no distinction made on account of sex and every effort should be made to secure the attendance of the ladies.

By order of the county central committee A. J. EVANS, Chairman. D. J. WILLIAMS, Secretary.

Seidenberg's Havana cigars. The Rogers Cigar Co. Wholesale Agents.

SHAKESPEARE AND SLANG.

An enterprising correspondent to the American publication, Shakespeareana, remarks the Literary World, has been showing that the Bard of Avon is the father of more than one slang phrase now held in disrepute in certain circles. He instanced a number of words, inogen, defending herself to Pisanio, says accusingly of her husband: "Some jay in Italy!"

Whose mother was her painting, hath betrayed him. Most of the instances of modern slang every day are of this nature. Some coincidences, like "too thin," which somebody has traced to Henry VIII (v. 1. 129).

CHALKING THE CELIBATES.

In the south of Ireland there still survives the old custom of "chalking" the young men and women who remain unmarried after Shrove-tide, the usual time for weddings being between Christmas and Ash Wednesday.

Boils

It is often difficult to convince people their blood is impure, until scrofulous carbuncles, abscesses, boils, scrofula or salt rheum, are painful proof of the fact. It is wisdom now, or whenever there is any indication of

Impure Blood

blood, to take Hood's Sarsaparilla, and prevent such eruptions and suffering. "I had a dreadful carbuncle abscess, red, fiery, fierce and sore. The doctor attended me over seven weeks. When the abscess broke, the pains were terrible, and I thought I should not live through it. I heard and read so much about Hood's Sarsaparilla, that I decided to take it, and my husband, who was suffering with boils, took it also. It soon purified our

Blood

built me up and restored my health so that, although the doctor said I would not be able to work hard, I have since done the work for 20 people. Hood's Sarsaparilla cured my husband of the boils, and we regard it a wonderful medicine." Mrs. ANNA PETERSON, Latimer, Kansas.

Hood's Sarsaparilla

Is the One True Blood Purifier. All druggists. Hood's Pills cure liver ills, easy to take, easy to operate. 20 cents.

Cut this out and send to executive committee, room 327, Alameda block, city.

My choice for queen of the carnival is: M.

This coupon entitles the holder to one vote.

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No stock parts picked up in the general parts market. That's why.

Are instinctive original wheels. Are you on a Rambler, trying for Rambler prizes?

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Wonders of the human system. Written by a man who has cured all nervous debility, loss of vitality, weakness, loss of brain power, head aches, backaches, rheumatism, indigestion, loss of power of the generative organs, caused by over-exertion, youthful indiscretions, and all the ills which attend a life of dissipation, intemperance, and debauchery. Price 50 cents per bottle. Put in a package, or 6 for \$3. With every order we send a booklet, "How to cure or restore manhood." Sent by mail to any address. Terms free. Write to address: ROYAL CHEMICAL CO., French Office for U. S. & 230 South 2nd St., Chicago, Ill. Or you can buy it through the following: Golden-Judson Drug Co., 35 N. W. 1st St., Salt Lake City, Utah.

CLAIRVOYANT Prof. STODDARD, OF BELFAST, IRELAND.

The world renowned clairvoyant will give readings for a short time. He reads your life from the cradle to the grave. Tells you if you are married or single. Tells you when you will marry and who. Gives names, ages, dates, etc. Tells the number in family, also how many there will be. Locates lost and stolen articles. Re-unites separated lovers, husbands and wives. Gives correct advice on love, law or business. He has no equal. Those in trouble should consult him at once and he will assist you in all difficulties. He diagnoses disease in the clairvoyant state free of charge. Tells you every pain and how long you have been sick without asking any questions. Also tells the cause of your sickness. His remedies cure when all others fail. His female regulator is safe, and contains no tansy or injurious ingredients. His rheumatic remedies cure rheumatism in all its various forms. No matter how long you have suffered his remedies will cure you.

This celebrated clairvoyant can be consulted at his office and parlors. 508 East Third South. (PARK TERRACE) Salt Lake City Utah, Om- hours-9 a. m. to 9 p. m. Read- ing \$1 for a short time only. Long dis- tance telephone 528.

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