

News of Mine, of Prospect, of Furnace and of Mill.

TO ENLARGE YAMPA'S PLANT

Capacity of Smelter to Be Doubled.

Efficient Service Under Mr. Bollinger Leads to Company's Decision.

Perfecting Plant Will Enable Management to Reduce Four Hundred Tons Daily.

The capacity of the Yampa smelter in Bingham Canyon that, since its regeneration under the skill of Herman C. Bollinger of Montana, has been doing its work with the integrity of any in the State, is to be doubled at once. To that end a second furnace, corresponding with that now in commission and at which an average of 200 tons of ore is being daily reduced, is to be installed immediately. For this the detailed plans are now being prepared, said the management last night, material is being manufactured, and sixty days later it should be under fire. With this additional equipment in commission the management expects to produce a matte of quality that shall enable it to ship the product, so eagerly sought by the smelters and refiners of every land, to a market from which more profitable results shall be derived. Meanwhile the Edwards roaster or calcining furnace, designed by the firm at Ballarat, Australia, and shipped to the Yampa smelter with the assurance that it was without a superior, has been tried out with results so satisfactory that the management now has under consideration the installation of an adult furnace of the same type. The device is a simple one, is inexpensive, requires but very little power, says the management of the plant, with the labor-charge per ton around the nominal. It is a single-hearth machine with power-driven rotary rabble and does the work required of it admirably and efficiently. Since the arrival of Mr. Bollinger upon the ground, indeed, the smelter has undergone a metamorphosis almost ultra, and with the enlargements in commission the day of dividends should soon arrive.

Meanwhile the mines are putting out as much ore as at any period since the company began to draw upon the enormous volume of wealth that has been blocked out. In addition to the tonnage going to its own plant it is delivering the amount required under its contract with the American Smelting & Refining company and throughout is giving most satisfactory account of itself. The method, improved largely by the management of the mine, enables it to move the output entirely by gravity to the main tunnel, where it is loaded on cars that are whisked out by mule-power and dumped into receiving bins on the line of the Copper Belt railway, over which it is forwarded to the furnaces. While it has not been announced by the management, the company will no doubt equip, in a short time, the main tunnel, now over 3000 feet into the zone, with an electric locomotive, this management reducing the cost of extraction. The condition at mines and smelter is most assuring and the company has every reason to congratulate itself that it is in possession of one of the biggest of the camp's bonanzas.

GEMINI TO SINK

Dropping Down of the Shaft to Begin at an Early Day.

Active sinking of the shaft on the Gemini of Tintic will begin the last of the present month, said an official of the company which each quarter passes out a \$3 dividend, or \$30,000, and that that end the management is now perfecting its arrangements. At a depth of 1800 feet the next level will be established and with that the entire output of the bonanza will be from that depth. At present, the management is raising an average of 150 tons or more daily, of which amount one-third consists of a class of excellent quality, while the remainder is considerably above the average. To a depth below the 1700-foot level the wealth in this enduring proposition shows no sign of impoverishment and much interest is manifested in the lower levels that are now with more powerful equipment to be fathomed.

TONOPAH STOCK SALES

Transfers on the San Francisco board were recorded as follows on Monday: MacNamara, 3800 at \$10.50; Montana-Tonopah, 600 at \$2.45; New York, 2000 at \$2.50; buyer, ninety days; Hay & O'Brien, 700 at 10c; Red Top, 1000 at 14c; Tonopah Extension, 1000 at \$1.40 at \$1.75; buyer, ninety days; Midway, 500 at \$1.95; Belmont, 500 at 7c; Goldfield Mining company, 400 at \$1.65.

Daily West in Boston.

The Commercial Bulletin of Boston says the selling movement in Daily West precipitated rumors of a further cut in the dividend. Early in the year when the monthly dividend was cut from 60 to 40 cents the stock sold from 26 to 26 1/2. It was selling around 24 when the present selling began, and yesterday touched 22. The action of this stock will not tend to draw Boston money out of straight copper stocks into fancy mining propositions even when the latter pay such big dividend returns as does Daily West. 4 per cent on par.

Wasatch Summer Resort.

Particulars with Alkire, Wasatch hotel, via Sandy, or come see.

BIG STRIKE IN OLD GODIVA

Eight Feet of Ore in Virgin Territory. With Some of It Exceedingly Rich.

There is everything to indicate that the Godiva of Tintic is to repeat the story of the neighboring mines, said John H. McChrystal, who has been identified with it for many years, on his arrival from camp yesterday, and to demonstrate it the management is now prosecuting its work most vigorously. Already its hitherto unexplored territory responding, no less than eight feet of ore having just been uncovered, said Superintendent McChrystal, on the 400 foot level, which has been extended west white at intervals winzes are going down with the ore-bearing channels below the 700 with most gratifying results. While some ore running well up in silver and over 60 per cent lead occurs in the disclosure on the 400 foot level, the average, said he, shows 24 per cent lead and 17 ounces silver, with 50 per cent to \$5 gold per ton. This, under present conditions, affording a good margin. In addition to the shipping area there is a large volume of milling ore in the property and with the lessons taught at the Uncle Sam's school, although the production of this by similar methods will not doubt be made at a later day. With the results since operations were resumed at the Godiva the management is very much pleased that shipments will follow in a short time is an announcement in which the entire camp will rejoice.

TAKES A BOND ON SOUTHERN MINE

A report from Caliente during the day indicates that James Johnson of this city procured an option on the holdings of Patrick Ryan in Pennsylvania Mining district, about twenty miles out of Caliente, in which he obligates himself to pay \$35,000. While the development of the properties has been confined to the work of the past year, the owner has exposed not a little ore carrying silver and lead with some copper and gold in a well-defined ledge, showing considerable strength. It is understood that Mr. Johnson will proceed at once with systematic development of the ledge hoping to begin the active shipment of ore the present season.

GOLDFIELD'S RECORD.

Developments in the Camp the Marvel of Mining World.

James P. O'Brien, telling the story of the week at Goldfield in the News of that camp says: The showing, under development, stamps the Jumbo mine as the marvel of the mining world. Were it not daily visited by prominent mining men from every section who see for themselves the size and extent of its fabulously rich ore, one would hesitate to tell anywhere near the full truth. And there are a number of other properties in the Goldfield district which are but little less wonderful than the Jumbo in their showing. On the Vermilyea and Bartlett lease on the Jumbo the extra rich strike has widened out to six inches and the values are increasing as depth is gained. Such a statement sounds preposterous, but it is nevertheless a fact. The writer saw a piece of rock panned Monday and three-quarters of it was gold. Vermilyea has installed a small mill, consisting of a motor and a large pestle suspended from a spring board, and with this crude appliance turns out twenty-five pounds of amalgam a day, worth not less than \$500. The hard rock, one foot in width, along the rich streak, goes from \$400 to \$500 per ton. "The drift from the fifty-foot level should get under the rich shoot with another fifteen feet of work, and if the values hold to even that depth, there is a mint in this lease alone. Mr. Vermilyea, like others who are getting big values, has his tent on the ground and stays with his bonanza night and day.

The Curtis and Ridge lease, while not having such sensational values, is still a wonderful money maker. It is not yet thirty days since they started, and besides erecting a hoist and doing lots of dead work they have taken out \$100,000 worth of shipping ore in that time. The daily production now is about twelve tons of ore, going about \$1000 per ton, and the same amount of 150 to 200 ore which is put on the mill dump. At least three shipments of the rich stuff will go out from this lease this week.

WILL TAKE RECESS.

Bulls and Bears to Observe Pioneer Day in Zion.

When the mining exchange adjourns tomorrow it will be until Tuesday morning, this affording those of its members who tottered across the desert to celebrate this land of thrift to participate in the observance of Pioneer day, which event occurs on Monday. While there was some opposition to a recess so protracted it was urged that it would probably do the market, which has refused to respond to any elixir good. It probably will, and again commissions are light and the curb may be relied on to execute any real pressing orders.

Ores and Bullion.

In the ore and bullion market the day's settlements amounted to \$65,500. McCormick & Co. reporting them as follows: American bullion, \$29,800; gold bullion, \$10,000; gold, silver, lead and copper ores, \$25,700. In the metal market silver ruled at 58 1/2 cents an ounce, lead at \$3.50 and 34.20 per hundred pounds, and casting copper at 1 1/2 cents a pound.

THE TRIBUNE NEWS STANDS

BOSTON—Crawford, Parker, CHICAGO—Auditor, Great Northern, Palmer House. DENVER—Brown Palace, K. W. Kelly, Coates. LOS ANGELES—Los Angeles, B. F. Gardner, 30 Spring Street. NEW YORK—Waldorf-Astoria, Imperial Hotel. OMAHA—The Millard, The Paxton. PORTLAND, OR.—Portland Hotel. ST. LOUIS—Planners, Southern. SAN FRANCISCO—Wentworth. SEATTLE—Hotel Northern. WASHINGTON—Willard, Raleigh.

THE DAY ON 'CHANGE.

Daily West Does Some Sprinting, With Others Unchanged.

The day on the mining exchange closed with the sale of 24,250 shares of stock, for which \$7,661 was shelled out and with the market again weakly active. Daily West did some sprinting and sold up to \$18.95, with Daily Judge coming out to a bid of \$41.00. Grand Central executed an order for 200 shares at \$41.00, which investment it is paying nearly 30 per cent while for 500 Con. Mine, which produced approximately \$50,000 in gold bullion in June, the buyer was required to fork out \$100,000. Petro, which looked up to a bid of 30 cents at the opening, moved up to 2 1/2 around the close, with Butler changing hands at 9 1/2 cents, the day closing on the following market:

Table with columns: Name, Bid, Asked, Price. Includes Alex, Boston, Bull, etc.

MORNING SALES.

Consolidated Merc, 300 at 20 1/2. Grand Central, 200 at 41.00. Petro, 500 at 34 1/2. 1000 at 14 1/2. Seller Consolidated, 500 at 11 1/2; 2000 at 11 1/2. Bullion-Liberal, 500 at 9 1/2. Tintic, 100 at 28. Shares, 30 at 10.10. Selling value, \$125.00.

AFTERNOON SALES.

Carlin, 150 at 5 1/2. Daily West, 30 at 18.30. Petro, 50 at 34 1/2; 100 at 31.00; 200 at 31.00. Seller, 500 at 12.50. Selling value, \$125.00.

OPEN BOARD.

Grand Central, 200 at 41.00. Petro, 500 at 34 1/2. Seller, 500 at 12.50. Selling value, \$125.00.

San Francisco Mining Stocks.

SAN FRANCISCO, July 20.—The official closing quotations for mining stocks today were as follows:

Table with columns: Name, Price. Includes Adams, Allou, B & B, etc.

NEW YORK MINING STOCKS.

Adams Con. \$20.00. Allou \$15.00. B & B \$10.00. Bullion \$5.00. C & V \$1.00. Sierra Nevada \$1.00. Standard \$1.00.

BOSTON MINING STOCKS.

Adventure \$2.25. Michigan \$4.50. Mon & G \$2.00. O'Brien \$1.00. Phoenix \$1.00. Quincey \$1.00. Sierra Nevada \$1.00. Standard \$1.00.

Western Ore Shippers' Agency.

153 Main St. P. O. box 457. Phone 2000.

THE JOHNNY MILL IS HUNG UP

Pending connections between the new and old bodies of gold-bearing ore in the Johnny company's mines at State-line, operations at the mill have been suspended and the stamps hung up. To accomplish this work the 200-foot level is now being rapidly extended by Manager Wilson, the general manager of the plant and properties, connection to be made with the original stops in which not a little very high grade occurs in the next ninety days. With this the waters that have prevented the stopping of ore in the old workings will be permitted to discharge themselves in the new shaft at which the pump has been installed, and the entire property drained from that source. It is also likely, said an official of the company during the day, that during the suspension ten more stamps will be added to the equipment of the plant, between the new shaft and old workings the management will have run on the 200-foot level, which is a fine stretch of stopping ground between that level and the one above. With the work completed and the new stamps in position the earnings of the company should be materially improved.

HIGH IN COPPER.

Fine Lot of Ore From the E. & F. Sold During the Day.

On yesterday's market Col. A. C. Ellis, who has for several years participated in the development of the E. & F. group of mines at Pioche, Nev., sold a carload of ore on controls showing as much as 24 per cent copper with 25 ounces silver per ton, and while the contents ought to be sufficient to satisfy the management of any undertaking, they are less than has characterized any previous shipment. Meanwhile work is progressing steadily at the mine, and it is expected that shipments will follow on a most energetic basis. With present conditions at the mine Col. Ellis is very much pleased.

FINE NUGGETS WASHED OUT ON VIRGIN RIVER

Special to The Tribune.

CALIENTE, Nev., July 20.—Frank Butlock, Joe Weston and Max Deutch, prospectors, who have been looking up ledges along the Colorado and Virgin river south of the San Pedro line, passed through camp today, en route to Colorado Springs, to consult with Burke and Winters, their associates, regarding future development of claims which they located in May of this year on the Virgin river about thirty miles southeast from Moapa.

When they had run in about thirty feet, they found their stringer altogether, but Weston, who is an old-placer miner and had served his time in Benque, Australia, discovered a gravel junction at the breast of the tunnel and on washing out a handful of the gravel, found several minute nuggets. With this starter, they sunk a winze ten feet and on reaching bed rock, which in the winze was granite, dug up and washed out nine fine nuggets of pure gold, together with some pennyweights of ounces. They then started drifting into the mountain on bedrock and today showed to several persons here between \$400 and \$600 worth of fine nuggets.

SCENTS A DEAL

Boston of the Impression That Something Is 'Imminent.'

The Boston correspondent of the Engineering and Mining Journal of New York writes that publication, "Utah has been more heavily than otherwise on more or less profit taking. It sagged to \$36.50 last week, but subsequently rallied to \$37.87 1/2, closing at \$37.25. It is thought, however, that there is more or less accumulation of the stock going on all the time, as is the case in Bingham Con. also. The latter worked off to \$23, but is now up to \$25.12 1/2. It can be said with accuracy that a deal of some sort is shaping itself at the Bingham camp, but may not work out until October, perhaps.

Mining Notes.

The Mammoth of Tintic yesterday marketed forty tons of ore on controls showing 20.80 gold, with eight ounces silver per ton. Frank Clark, the Moapa mining man, has gone to camp again to promote the development of gold-bearing prospects. Hon. David Keith, president of the great Silver King, will return from Seattle, Wash., this morning, after making his acquaintance of a brand new prospect. Prof. Reed of the Montana School of Mines is peeping in upon some of Utah's matchless camps and recognizes in Bingham one of the greatest of the world has ever known. Manager Morris M. Johnson of the New-home mine has gone to the southern camp of copper. Manager Channing of the Utah Con. leaves for his mines at Bingham this morning.

Daniel Shepherd of the firm of Galt & Shepherd, Buffalo, N. Y., real estate man, passed through camp yesterday in company with Miles Duffy, a Pittsburg, Pa., oil expert. Their occupation in the East leads to the conclusion that they are going to look up the recent reports of oil sand below Moapa, and south from Los Vegas.

The Canyon Hotel advertisement with logo and price range \$1.00 to \$3.00.

G. B. & J. H. White, pattern-makers, mine and smelter work a specialty. Prices reasonable. 247 Reed St. Phone 1804-2.

BIG ORE BODIES IN THE GARISA

Ed Hoffman, who at the solicitation of Carisa interests has completed a careful sampling of the second-class ores that are to go to the furnaces of the Bingham Con. smelter under a recent contract with that company, came in from camp last night with his deductions. In his measurements, Mr. Hoffman said he found actually "exposed" no less than 25,000 tons of ore that will maintain an average of 5 per cent copper, while 10 per cent of this will average 10 per cent. He did not have it analyzed for the other metals, but the old register denotes the presence of four to six ounces silver with \$2 gold. To reach this and to economically extract it the management will have to tunnel from the surface, connection to be made in 300 feet, and with this outlet Mr. Hoffman says the Carisa will undoubtedly be restored to its old place among the dividend payers. On the 700-foot level in Carisa ground the ledge shows a width of thirty feet with the ore averaging 5 per cent copper at this time, while the nearby ledge made for the high grade. He was astonished at the mine's resources, surprised at the work achieved by Manager Joseph on such limited means.

ORES MOVING AT THE LOST PACKER

With a troop of jacks the movement of high-grade gold and copper-bearing ores from the properties of the Lost Packer Mining company at Leon Creek, Ida., to the Salt Lake market, has been resumed, this sluggish and somewhat expensive means of traffic to be continued until the new \$10,000 wagon road, now being constructed, and the six-in-diameter tunnel, which is being put into commission. However, the quality of the ore, of which the local market has had a sample, is capable of a sacrifice and to then afford a margin much in excess of the average. With conditions at the mine and those surrounding it, James Ivers, by whom the control was acquired some time ago, and the interests by whom he was accompanied on his visit to the mine, was very much pleased. Equally gratified were his companions on the pilgrimage, including Miles Finlen, John C. Lynch and Henry Welch, the latter of Park City, the party arriving from camp yesterday morning after a somewhat strenuous climb over the trail.

Discussing the undertaking on his return, Mr. Ivers, who has contented himself with the trusteeship since the winter's campaign has been characterized by most satisfactory developments and with corresponding progress during the next few months there is no doubt that provisions will be made for the reduction of the ore on the ground. This will probably be by furnaces, the ore to be reduced to a matte and sent to market in that form at greatly reduced expense. In the intermediate level he reports five feet of ore exposed with only one well in sight, while to intercept the channel at a depth of eighty feet on its dip a cross-cut is being made from a winze below the intermediate level. The ores show a valuation ranging from \$50 to \$150 per ton, with some of it running to sensational heights.

In the same camp a New York syndicate is preparing to do considerable work. On Jordan creek the management of the Sunbeam is operating an Ellipse mill with good results under the management of William T. Oster, with a second machine to be installed at once. A new disclosure at the mine has greatly increased the average. On its return from camp, the party was accompanied by James Ivers, Jr., who has been acting as Manager of Carisa for some time and who is quite enthusiastic over the outlook there.

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WEAK MEN VARIICOCELE. Specific Blood Poison. Home Cures by Mail. We make a specialty of curing patients by mail. We have cured thousands of men who were suffering from various ailments.

NO CURE, NO PAY. If it were not for the fraud... The "Free Belt" fraud and the "Drug" scheme, which are not free, all have made every one skeptical, but I know that I have a good idea and I'll hammer away until I know it.

DOCTOR COOK CURES DISEASES OF MEN. Prostatic Troubles, Nervous Debility, Stricture, Varicocele, Wasting Weakness, Private Diseases, Blood Poison. COOK MEDICAL CO., Office hours: 8 a. m. to 10 p. m.

C. W. HIGGINS, M. SPECIALIST. Microscopic and Analytic Physic. Cures Erysipelas, Nervous Weakness, Rheumatism, Gravel, Neuritis, Migraine, Hayfever, Liver and Kidney Diseases, Rheumatism, Gout, Gravel, Neuritis, Chronic Diseases of Women and Children, Heart Disease, Nervous Diseases, Chlorosis, St. Vitus' Dance, Scrofula, Scurvy, Eczema, Psoriasis, Erysipelas, Tinea, Ringworm, Headache, Migraine, Epilepsy, Insomnia, Neuritis, Neuralgia, Private and Chronic Diseases.