

MINING, BUSINESS AND STOCKS

ZING PLANT AT THE HORN SILVER.

Busy Scenes Have Been Inaugurated in the Modest Mining Camp of Frisco.

A LARGE FORCE IS EMPLOYED.

In Making the Excavations—Carpenters Have Arrived on the Ground To Construct Buildings.

Special Correspondence: Frisco, Utah, Aug. 3.—Work on the Peck Bros. zinc plant manifests business. Teams and scrapers are excavating for the different terraces which extend up the hill side a distance of 450 feet. It is expected it will take a month or more longer to complete this part of the labor. Then quite an amount of masonry work will be required.

Two cars of material for building purposes have arrived; also two cars of machinery, consisting of two steam engines, shafting, pulleys, etc., the equipment coming from Montana, when it has been in use before.

Supt. Schenck of the Horn left for Salt Lake for several weeks' vacation, leaving Assistant John Hilted in temporary charge.

Manager Farnsworth said today that several carloads of lumber to be used in the construction of the new buildings had arrived at Frisco and that a large force of carpenters had landed there prepared to go ahead with the labor of framing timbers and otherwise shaping material so that the buildings can be put up with dispatch.

Nothing has been done as yet towards building the pipe line through which water will be conveyed from the reservoir at Nevada. The surveys, however, are completed.

AFTER THE DALYS.

All the Trading Confined to Park City Stocks During Forenoon.

The Daly stocks were the only ones sold during the regular week and open board calls of the mining exchange during the forenoon. Daly-West opened with a 200-share lot going at \$14. For a few moments it was believed the stock might hold its strength and perhaps make some advance. On the contrary, the stock weakened; the stock selling on the open board down to \$13.25. Daly-Judge started out with a 200-share lot going for 4.10 and closed weaker. Daly kept up well and a 50-share lot went at 2.25. Grand Central was inactive. Mammoth was offered at 1.32 1/2, with no bidders in the pit. Sacramento was unable to attract anyone, and no one bid for it. Consolidated Mercury was offered at 35 cents; 28 cents being the closing bid. There was some sparring for Century; the stock closed lower.

The quotations and sales posted were as follows:

TODAY'S QUOTATIONS.	Bid.	Asked.
Allen	15	
Ajax	4	
Bullion-Buck	1.05	7 1/2
Carlin	6	35
Con. Mercur	28	60
Crode	2.20	2.30
Daly	4.07 1/2	
Daly-West	15	14.00
E. & B. Bell	2	3.75
Galena	3.30	3.75
Grand Central	2	14 1/2
Lower Mammoth	5	14 1/2
May Day	1.22 1/2	
Mammoth	2.40	2.45
Montana-Tonopah	2.40	2.45
Jim Butler-Tonopah	3.50	9
Ontario	3.50	9
Petro	5	10 1/2
Rocco-Homestead	7.85	10 1/2
Sacramento	45.00	50.00
Silver King	45.00	50.00
Silver Shield	3	3
South Swansea	12	12 1/2
Star Con	2	2 1/2
Sunshine	35	51
Utah	15	15
Utah Sam Con	15	15
U. S. Mining Co	21.75	21.50
Butler-Liberal	6.00	7.00
Boston Con	6.00	7.00
Century	41	46
Little Chief	13 1/2	14
New York	17 1/2	18 1/2
Richmond Anaconda	30 1/2	32 1/2
Tetro	3	3 1/2
Victor	4	4 1/2
Wabash	1	1 1/2
Yankee	33	35 1/2

REGULAR CALL SALES.

Daly-West, 200 at 4.10; 50 at 4.07 1/2.

Daly-West, 20 at 14.00; 5 at 14.05; 5 at 13.95.

OPEN BOARD SALES.

Daly, 50 at 2.25.

Daly-West, 15 at 13.70; 50 at 13.75; 75 at 14.00.

RECAPITULATION

Shares. Value.

Regular call 280 | \$1,446.00 |

Open board 190 | 1,972.50 |

Forenoon totals 370 | \$3,418.50 |

THUNDER MOUNTAIN ROAD.

Claimed That It Will Be Completed by September 15.

Superintendent L. E. Abbott of the Belle of Thunder Mountain company arrived from the north on Thursday, on a business trip, and will start back today, says the Nampa Herald. He reports that the state road will be completed by the 15th or 16th of September and the many carloads of machinery on the way will be rushed in as rapidly as possible. The snows will set in about Oct. 1, and the heavier machinery will probably be taken over the last portion of the road on wheels.

The town of Roosevelt is growing fast and now has eight saloons, six stores and five restaurants. Provision prices are reasonable considering the long haul.

The Belle company now has nearly 200 men at work, including wood cutters and haulers. Fifty-two men are at work on the road from the mine to mill, which will be finished in about 19 days. The saw mill is running with three shifts, cutting about 15,000 feet of lumber every 24 hours. The excavation for the mill is finished and carpenters are now framing the timbers. In the mine everything is in shape to commence shipping at a moment's notice, and the immense ore bodies are capable of supplying any amount that may be required. Every foot of work simply adds to the size of the mine. Recent developments have

THE FETTERMAN TUNNEL.

Adit Has Been Completed to the Length of 185 Feet.

Special Correspondence: Caliente, Aug. 3.—The Fetterman tunnel on the Caliente Gold Mining Co.'s claim at Caliente is now in 185 feet and within the next two weeks the big free gold ledge will probably be cross cut, when drifting will continue prior to along the trend of the ledge, into the mountain. Every foot of the progress of the drift will give six to eight inches additional depth from surface and block out an immense amount of stopping ground.

THE UTAH CONSOLIDATED.

Manager Channing Inspecting Blingham Bonanza Today.

Manager R. H. Channing of the Utah Copper company spent the early part of the day at the company's big smelter, near Murray, and this afternoon drove over to Bingham, where he expects to remain until tomorrow, during which time he will take note of progress at the mine.

LOG CABIN TUNNEL.

Contractor Nelson is Preparing to Commence Driving It Ahead.

M. F. Murray, manager of the Gold Development company properties in this state, has arrived from Marysville to confer with Dr. P. A. H. Franklin, who is now in the city. Mr. Murray says his company is doing a limited amount of work on its own account, but all the heavy work is to be let out by contract. Lorenzo Nelson, who was awarded the contract to extend the Log Cabin tunnel recently, is preparing to go ahead. He is now installing the compressor plant ordered some time ago.

JOE BOWERS SHIPMENT.

A Lot Consisting of 40,170 Pounds Marketed Today.

A shipment of 40,170 pounds of ore from the Joe Bowers mine of Tintic was marketed today. The controls showed values of .92 ounces in gold, 42.00 ounces in silver, 6.7 per cent lead and 1.8 per cent copper.

The ore came from a point in the mine about 500 feet north of the old Joe Bowers workings.

Where Mistakes Are Made.

It seems strange that with all the years of practical experience which the mining regions of the west afford, that the most glaring mistakes are still being made, almost daily, in the choice of the mill site selected to do certain work. In the situation of the mill after such choice has been made, in the construction details after the site has been chosen, and in the arrangement of the transportation problem between mine and mill, says the Mining and Scientific Press. The reason for these mistakes will probably be found in the fact that the arrangement of these matters has been placed in the hands of inexperienced men. In considering transportation, men of this class put "what they know will work"—usually a track on a grade and a series of chutes to reach the mill, when aerial tramway, and more satisfactory in every way. Rock breakers are placed in the mill, when the proper place for them is at the mine. The mill is set in such a manner that ore is delivered at the rear in the middle instead of at one end; to be distributed where required. Mills are placed on flat ground when hillsides are available. Gravity is almost lost sight of in the unwise arrangement of the mill. It is still an uncommon thing to find rock breakers elevated above the ore floor, so that every pound of ore must be raised a foot or more with a shovel. Some mills have no crusher. It is still the passing of all the rock, both coarse and fine, through the breaker, thus multiplying the work of the crusher man and useless consuming power. Among the minor offenses of construction, if they may be termed such, are the failure to provide separate power wheels for concentrators are provided. The mistakes being made in mill construction—mistakes, too, for which there is no real excuse, are all the result of inexperience or lack of judgment.

Mammoth Sells More Ore.

The Mammoth Mining company received returns yesterday afternoon from the sale of 344 tons of ore. The consignments consisted of several grades. One lot contained values at \$7 in gold and 17.2 ounces silver. Another was settled for on controls showing values of \$57.40 in gold with the silver. Other lots, of not quite as good grade, were also disposed of.

British Columbia's Mineral Output

A dispatch of Aug. 3 says: The Colonist will publish tomorrow statistics of the approximate mineral production of British Columbia for the first six months of the present year, compiled by the minister of mines. The production of the six months of this year will be considerably in excess of the first six months on account of the amalgamation of large concerns in the south district and the installation of several concentrating plants in Rossland.

Ute Oil Company Incorporated.

Articles of Incorporation of the Ute Oil and Refining company of Colorado were today filed with Secy. of State Hammond. The company has a capital stock of \$250,000 divided into shares of the par value of \$1 each, and is organized to develop oil wells in all parts of the United States. The incorporators are John McHellen, C. S. Case, E. B. Hyde, J. B. Malone, A. F. Totten, T. B. Gregory, J. G. Wood, F. H. King and A. F. Empfield.

We beg to announce that Mr. Fred Harris has this day severed his connection with this company which was formerly sales agent, Rand Drill company, New York, July 20, 1904.

EXCURSION TO EUREKA.

Sunday, August 7th, 1904.

Big baseball game train leaves Salt Lake City at 8:00 a. m., via Leanington Cut-off. Fare \$2.00 for round trip. The train will leave at 8:00 p. m. See Agents Salt Lake Route.

LONG TUNNEL OF SO. COLUMBUS

Adit Has Been Completed to the Length of Four Hundred and Twenty Feet.

CONTRACTOR IS DOING NICELY.

With Machine Drills—Averaging Four Feet a Day With Them—Preparations for Winter.

Alex Jacobson, manager of the South Columbus Mining company, has returned from a trip of inspection to that Alta property, where he reports the contractors making splendid headway in driving the tunnel into the mountain, and which is intended to tap the large ledges out of which many thousands of dollars' worth of ore was extracted from surface deposits in the early history of the camp.

Mr. Jacobson informed the "News" today that the tunnel has been completed to the length of 420 feet and that it will probably be necessary to go 150 feet more to encounter the first ledge of importance, yet it may be struck much sooner—all depending on the dip the vein takes as it goes down.

The contractors are making headway at the rate of about four feet a day, with machine drills, through the line of the tunnel. No developments of importance need be looked for until some time during September.

Manager Jacobson is preparing for winter and has under construction a large blacksmith shop, also a timberman's shop, at the entrance to the tunnel. The building will be constructed of heavy logs, which will be put together in such a durable manner that the structure will be expected to withstand the severest kind of snow slides. A little later the South Columbus will erect a commodious boarding house for the accommodation of its employees. By the time winter sets in, in earnest, the men will have very comfortable quarters.

CONCENTRATES.

President David Keith of the Silver King had gone to Tonopah.

A car of ore from the Tonopah mine reached the local samplers today.

The Ohio Copper company has three cars of concentrates in today's market.

S. L. Butler, of the Summit Placer company, is expected to arrive from Mexico soon.

A Van Patten, the well known Ogden mining man, was in the city today on mining business.

Twenty-eight cars of concentrates were forwarded from the Honerite mill at Stockton during the month of July.

Duncan McVie, general manager of the Bingham Consolidated, is back at his desk again after a trip to Mexico.

The ore and bullion settlements reported last yesterday were as follows: Crude ore, 1,000 tons; concentrates, \$39,700; base bullion, \$23,100.

William Bayly, Jr., manager of the Copper Belt railroad, has advised Auditor Post that he will leave Los Angeles for home on Monday next.

Director Abercrombie of the Boston Consolidated, who is here from the east, states he is better pleased than ever with that Bingham proposition.

Dr. J. E. Talmage will leave today or tomorrow for the property of the Sheba Mining company in Humboldt county, Nevada, on an inspection trip.

A shipment of cyanides has arrived from the Midas mill in the Deep Creek country of the value of \$3,000. There were 100 pounds in the lot, representing a half month's run.

A consignment of gold bullion from the Bamberger-Delaney mines in southern Nevada, representing 15 days' run at the big mill, passed through the city yesterday on express east.

Walter G. Piler, manager of the Twin Falls irrigation enterprise in Idaho, is negotiating with the deep sea divers before leaving Nevada, working a big dam to do some work for his corporation at the big dam now being built across the Snake river.

Charles Morrison, who, with his brother, is operating the Indian Queen mine in Beaver county has arrived from the south. The new tunnel has been completed to the length of 140 feet with 160 feet further to go to cut the ledge.

Captain T. L. Wiswall, the local representative of the Green Reduction company, came in from Mercur night before last and departed this morning for Alta, where he is working a mining property which bears every indication of possessing considerable merit.

Both drifts on the Red Top, from which Dick Colburn of Salt Lake, and others, are about to derive a stake, are low in ore and the values are getting better every day. Assays go as high as \$200, but it is not known at this writing just how much of this grade they have.—Goldfield News.

Gideon Snyder has returned from a trip to Monroe where he made an examination of the Live Oak property from which sensational gold discovery was reported some time ago. Mr. Snyder says a strong quartz ledge crops out on the surface for which the owners are driving with a long tunnel. He says the outlook is encouraging.

"Diamondfield Jack" Davis and associates have bonded the Vernal group of five claims to Steve Baldwin of Salt Lake, Frank Keith and John Hays Hammond of the Tonopah Mining company, and C. E. Knox of the Montana-Tonopah. The bond, which runs for six months, calls for a good figure and a cash payment was made.—Goldfield News.

Sam L. Levy has returned from a round-up of the Western Exploration properties at Stockton and Ophir. He reports development work progressing as usual at the old Buckhorn mine, but that it will be some time before any attempt will be made to market the ore. At the Honerite properties everything seems to be running along smoothly. The mill is reducing 250 tons of ore daily, at the rate of from four to five tons into one.

It is a fact that the copper mines of this country return a larger per cent on their net value than almost any other industry. The Calumet & Hecla pays dividends equal to 100 per cent

Today's Metal Quotations.

Local settling prices as reported by the American Smelting and Refining Company:

SILVER, - - - 58 1/2

COPPER, casting - 11 1/2

" electro, 12 1/2

LEAD, - \$3.50 @ \$4.10

New York Quotations.

LEAD, \$4.20 @ \$4.25

COPPER, - 12.50 @ 12.70

on its par value, or almost 10 per cent on its selling price of 46 1/2. Arizona has some of the most profitable copper mines in the world, among which may be mentioned the Copper Queen, owned by Phelps Dodge Co.; United Verde, Senator Clark's famous mine; Calumet & Arizona, Biebee's phenomenal youngster; Arizona Copper, at Clifton and Detroit, at Morenci. To this list should be added the Old Dominion, of Globe, one of the great mines of Arizona, which next year should produce 25,000,000 pounds of copper.—Globe Belt.

According to Superintendent Frank B. Work, the outlook at San Nevada's mine at Huanabachi is more encouraging now than it has been previously. Recent samples taken from the main drift on the 250-foot level gave an average value of 70 ounces of silver and \$4.13 in gold per ton. The sample, Superintendent Work said, represented the rock just as it was picked down from the face of the drift, "and it shows," said he, "that we are getting into the right country." Crosscutting for the drift on the foot-wall side of the ledge was also reported as progressing at a satisfactory rate, and granting that the dike would show a vertical pitch as it did above, it should be entered at any time. Here, it is hoped, good bodies of pay ore will be encountered with everything in place. To get the pay shoots in place has been the object from the beginning, and the company has never been doubted.—Tonopah Bonanza.

BOSTON MARKET.

Closing quotations today as reported by Hudson & Sons Co., brokers, were:

Amalgamated Bid. | Asked. |

Con. Mercur 35 | 36 |

Daly-West 14 | 14 1/2 |

Bingham 23 1/2 | 25 1/2 |

U. S. Mining 21 1/2 | 21 1/2 |

Utah 31 1/2 | 37 1/2 |

LEGAL BLANKS, a full supply, all the latest forms at the Deseret News Book store.

BUSINESS IN FARMING.

Professor Jenkins of the Connecticut Experiment station recently, in commenting on farming as a business, made the following appropriate statements:

There is no industry practiced today where the principles of business come into greater practice than that of farming. The farmer, to be successful and meet competition in the markets, must necessarily watch the conditions as closely as the merchant or tradesman does in any line of business in the city. In fact, he is his own business manager, and upon the adroitness with which he manages his business depends his success in making the farm produce a profit at the end of the year. Go to our best agricultural communities where farmers are making the greatest success of their work, and you will find that plans are carefully laid and results that are favorable are obtained only by carrying out those plans and putting into practice the underlying principles of business. The day is past when anyone can be a farmer and make a success of it in the true sense of the word. Business methods on the farm have come about as a result of the fact that the educated business farmer today just as well trained as the educated merchant or the banker.

Farming is just as real a business as making cotton cloth or selling steel. The underlying principles are alike, the causes of success or failure are the same, whether we produce and sell peaches or armor plate. The same things which take most business men at their wits' end, whenever they can be done at any profit; fixing exactly the cost of production; buying stock at the lowest rates, by paying cash when possible; by taking advantage of any possible and by buying in as large quantity as is practicable; use of all waste or by-products, and selling products when there is most demand and least supply.

There are just the things which the business farmer, as distinguished from the mere tiller of the soil, has to study and has to determine in order to make a success. That man who masters these things is, I believe, as likely to succeed in farming today as in any other business; the one who will not or cannot master them is bound, sooner or later, to fail. I am sure we were workmen, the uneducated, we had constantly widening market and little or no competition.

The art of agriculture was, pure and simple, the art of growing crops of seedling and reaping. Now it is the art of meeting competition in our home markets from lands scarcely known to our forefathers, the art of lessening the cost of production or increasing the yield, the cost of production is the study of market conditions to decide what we can and cannot profitably raise.

NEW CATALOGUE OF CHURCH WORKS.

Just issued. Send to Deseret News Book Store, Salt Lake City, Utah, for a free copy. Special terms to dealers, agents and canvassers.

Everything in Jewelry that's good to the best that's made.

McCONAHAY.

PROBATE AND GUARDIANSHIP NOTICES.

Consult County Clerk or the respective signers for further information.

NOTICE TO CREDITORS—ESTATE OF JOHN SIDDOWAY, Deceased.

Will present claims with vouchers to the undersigned at 304 Templeton Building, Salt Lake City, Utah, on or before the 30th day of December, D. 1904.

ROBERT H. SIDDOWAY, Administrator of Estate of John Siddoway.

Date of first publication Aug. 4th, 1904.

A. A. Duncan, Attorney for Administrator.

STOCK MARKET WAS NEGLECTED.

The First Prices Were a Fraction Higher, Cotton Carriers Being Prominent.

A SHARP ADVANCE IN WHEAT.

This With Culmination of Rise in Cotton Group Turned Everything Very Heavy.

New York, Aug. 4.—First prices of stocks today were a fraction higher all around, and the cotton carriers were still prominent. Advances reached about a point in Missouri Pacific, St. Louis Southwestern preferred, Texas Pacific, Wabash preferred, Southern Railway preferred, and Metropolitan Street Railway and 2 1/2 in Cotton Oil. The market was neglected outside of stocks, and in some cases to below last night, but stiffened again in sympathy with a 1 point rise in Louisville & Nashville.

The culmination of the rise in the cotton group and a sharp advance in wheat turned the market decidedly heavy and prices eased off gradually throughout the afternoon. None of the losses, however, exceeded large fractions, and but little stock changed hands.

Small selling orders depressed a few of the representative stocks, such as St. Paul, Union Pacific and Steel preferred to the lowest. The reaction was extended to the entire market. The cotton carriers reacted large fractions and Tennessee Coal and Iron-Sheffield Steel preferred sold about a point below yesterday's final.

LIVE STOCK.

CHICAGO.

Chicago, Aug. 4.—Cattle—Receipts, 5,500; market steady. Good to prime steers, 5.25@5.45; poor to medium, 4.00@5.00; stockers and feeders, 4.00@5.00; cows, 1.50@1.75; heifers, 2.00@2.25; calves, 1.50@1.75; bulls, 2.00@2.25; calves, 1.50@1.75; steers, 2.00@2.25.

Hogs—Receipts today, 14,000; tomorrow, 12,000; market strong. Mixed and butchers, 5.25@5.50; good to choice heavy, 5.50@5.75; rough heavy, 4.00@4.25; light, 5.25@5.50; bulk of sales, 5.25@5.50.

Sheep—Receipts, 10,000; market steady; lambs, steady. Good to choice wethers, 4.00@4.25; western steers, 3.00@3.25; western sheep, 3.00@3.25; native lambs, 4.00@4.25; western lambs, 4.50@4.75.

KANSAS CITY.

Kansas City, Aug. 4.—Cattle—Receipts, 4,000; market strong. Good to prime steers, 5.25@5.45; poor to medium, 4.00@5.00; stockers and feeders, 4.00@5.00; cows, 1.50@1.75; heifers, 2.00@2.25; calves, 1.50@1.75; bulls, 2.00@2.25; calves, 1.50@1.75; steers, 2.00@2.25.

Hogs—Receipts, 5,000; market steady to 1/2 cent higher. Heavy, 5.00@5.25; mixed, 5.00@5.25; light, 5.00@5.25; bulk of sales, 5.00@5.25.

Sheep—Receipts, 2,000; market steady. Western, 3.00@3.25; wethers, 4.00@4.25; ewes, 4.50@4.75; common and stockers, 2.00@3.00; lambs, 4.50@4.75.

PRODUCE.

Chicago, Aug. 4.—At the opening September wheat was off 5/8 to 3/4 at 93 to 94. On the decline there was considerable

NEW YORK PRODUCE.