

MINING, BUSINESS AND STOCKS

BIG GOLD STRIKE IN PARK VALLEY.

Manager Bailey Opens a Big Blanket Vein in the Susie On Dove Creek.

WILL ERECT A CYANIDE MILL.

Vein Averages From 11 to 16 Feet in Thickness and Can be Mined Very Cheaply.

The next near by mining property to be heard from is that of the Susie Mining company, which is operating on Dove creek in the Park Valley district. The company is composed of Salt Lake and Logan people and have been developing its mine for a little over two years. The property consists of five claims in which several strong gold-bearing ledges have been traced. One of these veins has been developed quite extensively both by tunnel and shaft. In all the ledge has been opened up 200 feet in the upper workings. Cross cutting has been done at the bottom of the shaft, over 20 feet each way, and quartz rock has been opened up as deep as 100 to the ton. A recent discovery, however, has caused the owners to come to the conclusion that they have a bonanza. In sinking a shaft below the first working a strata of talc was passed through. At first it was not anything of, but some of the owners decided to have a sample assayed, when he was surprised to find that the supposed worthless stuff ran 99 in gold to the ton. Since then the vein has been explored and it is found that the company has an immense body of this class of ore. The vein is in blanket form and averages from 11 to 16 feet in thickness as far as opened up. The stuff is so soft that it can be shoveled out and a test of several tons prove that it can be cyanided at a loss of only 80 cents per ton in the tailings. A force of men are now at work opening up the vein and preparing the mine for a large daily output. A cyanide mill will be erected in a short time and another producer added to Utah's gold mines. Owen Bailey, a well known mining man is general manager of the company.

THE WALL JIG.

Investor Goes to the Cactus to Install One.

Col. E. A. Wall has gone to the Cactus in Beaver county to superintend the initial try-out of one of his patent jigs at the Cactus mill. The colonel has had a set of these jigs at work in his Bingham mill for some time and it was there that the Cactus people had the opportunity to see it working. When Col. Wall of several tons prove that it can be cyanided at a loss of only 80 cents per ton in the tailings.

POWER QUESTION SOLVED.

New Engine Has Arrived For the Copper Belt at Bingham.

The Copper Belt railroad people have solved the power problem at Bingham. A new engine has arrived at the camp, and will be put in commission at once. There was a hopeful feeling among the mine managers this morning, all of them saying that they felt that the pinch was over and that in three or four days the road would be able to handle the tonnage.

MORNING CALL ON CHANGE.

Ontario Again the Feature and Trading Generally Brisk.

Another good day can be recorded for the mining exchange. At the morning session 32,285 shares were dealt in bringing the sum of \$10,025.75. Ontario was again the feature of the call and sold up to \$4.5 a share. Daily was also in sympathy with its big neighbor and a sale was recorded as high as \$1.30. Beck Tunnel sold up to 3 1/2 on the open board, and Columbia Con. was strong at \$2.95. Little Bell reached the \$3.20 mark. The features of this part of the session, however, were Carls and New York, over 1,000 shares of the latter selling from 19 at the open to 17 at the close. Daily-Judge was strong at \$5, while Rosten Con was wanted at \$2.25. U. S. Mining had a bid of \$4.05, and \$5 flat was offered for Grand Central. A

Today's Metal Quotations.

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

SILVER	64
COPPER, CASTING	17
" ELECTRO	17 1/4
LEAD	\$5.25

New York Quotations

LEAD, firm	\$5.55@5.75
COPPER, firm	17.87@18

Slight advance was noted all along the line, the regular call closing upon the following quotations:

Stocks	Bid.	Asked.
Alcoa	85	86
Alumina	21 1/2	24
Alumina Beck	1 99	1 40
Carls	29 1/2	30
Creole	30	31
Con. Mercur	58	60
Daly	1 28	1 29
Daily-Judge	5 59	6 00
Daily-West	12	12 1/2
E. & B. Bell	30	31
Grand Central	3 00	3 40
Horn Silver	1 30	1 35
Little Bell	3 16	3 24
Lower Mammoth	36	38
Mammoth	1 20	1 25
May Day	12	14
Ontario	4 75	5 25
Petro	12	12 1/2
Silver King	42 50	50 00
Sacramento	12	12 1/2
Silver Shield	11 1/2	12
Star Con	49	50
Swansea	49	50
South Swansea	4	8
Sunshine	40 25	41 25
U. S. Mining Co.	38	40 1/2
Utah	1 70	2 00
Victoria	23 25	24 1/2
Beck Tunnel Con.	32	34 1/2
Century	2	2 1/2
Ingot	2	2 1/2
Little Chief	15 1/2	16
New York	19	20
Petro	7 1/2	8
Victor Con	30	31 1/2
Yankin	39	40
Richmond Anacoda	1	5
Black Jack	45	50
Emerald	9	10
Dalton	1	1 1/2

NEVADA STOCKS.

Goldfield Bonanza	5
Jun Butler Tonopah	58
Montana Tonopah	2 30
MacNamara	35
Tonopah	13 00
Tonopah Belmont	1 50
Tonopah Extension	5 00
Tonopah Midway	1 50
Rocco Homestake	88

FORENOON SALES.

Daily, 100 at 1.24; 100 at 1.30.
Daily, 500 at 8.00.
Ontario, 50 at 4.50; 100 at 4.65; 125 at 4.75; 500 at 4.85.
Little Chief, 1,000 at 3 1/4; 7,000 at 3 1/2; 1,000 at 4.

OPEN BOARD.

Beck Tunnel, 500 at 3 1/2; seller 3, 1,000 at 3 1/4.
Columbia Con., 100 at 2.95; 300 at 2.96; 500 at 2.97 1/2.
Carls, 200 at 21; seller 20, 200 at 21; 500 at 21; buyer 60; 500 at 20 1/2.
Daily, 600 at 1.30.
Little Bell, 100 at 3.20.
Little Chief, 1,000 at 3 1/4.
Lower Mammoth, 50 at 34 1/2; 400 at 34; 600 at 34 1/2; 500 at 34 1/2; buyer 60; 500 at 34 1/2.
Silver Shield, 1,000 at 3 1/2; seller 30; 500 at 3 1/4; 500 at 3 1/2.

TOTALS.

Regular call	13,335	\$ 3,214.90
Open board	21,950	6,701.75
	35,285	\$10,025.75

A. S. CAMPBELL.

Stock Broker, 216 D. F. Walker Block.

Cannon & Cannon.

Buy and Sell Bank, Sugar and All Commercial Stocks, 24 E. South Temple St.

J. OBERDORFER.

Stock Broker, Tel. Bell 794 101 S. Main St.

ZINC MINING IN THE WEST.

Time Approaching When its Production Will be as Valuable As That of Lead.

NEEDS HIGH CONCENTRATION.

Smelting Primitive But Methods Constantly Improving and Production Increasing.

W. G. Swart in a very interesting paper read before the mining congress at El Paso, Texas, discussed the future of zinc mining in the mountain west. He started out by saying that only high grade zinc ores could be smelted at a profit. This was owing to the fact that the reduction of zinc ores has not claimed the attention of the smelter men and the ore is reduced in the same manner it was years ago. This makes it hardly possible to handle zinc ores which assay less than 30 per cent in the metal. Mr. Swart stated that at the present time the only way to make zinc mines pay was by the means of concentration. "The fact is before us," he continues, "that the only successful mills in operation in the Rocky Mountain region are those using magnetism or static electricity. There are 12 such mills in the west, producing with a capacity of about 430 tons. Half this tonnage may be taken as zinc concentrates, which may be assumed to average 45 per cent zinc. The indications are that in another year this will be doubled. I have spent the past six years working exclusively on this zinc ore problem. I am free to admit my preference for wet work, but I cannot escape the fact that electricity is today making the western output of zinc ore, and it is being done dry. If put into the shape of high-grade concentrates, zinc ores are worth more per unit than lead ores, but low-grade lead ores can be marketed and smelted direct, while zinc ores cannot, hence the stipulation 'high grade' and the broad assertion now made that in almost every case zinc ores must be direct before shipment. This is not necessary to raise the grade of the zinc product, but to produce at the same time a by-product as valuable as possible, carrying the gold, silver, lead and copper so that they may not be lost, but made a source of profit. Any zinc ore can today be handled successfully and many an old abandoned mine can be worked at a profit. Exceptions, and the whole matter is so new that the statement made above will bear repeating—if failure is to be avoided, an expert must be consulted. In Missouri ores carrying 3 or 4 per cent zinc, with no other values, are mined and milled at a profit. At present it will usually not pay to handle a western ore carrying less than 10 per cent zinc, provided there are no other recoverable values. One mine in Colorado is working a 7 per cent zinc ore, but there is also recovered some \$3 in gold, silver and lead. Methods are daily improving. In three years ore carrying 5 per cent zinc should be smelted, in which case the mill will represent the sole profit, though not the sole value. Such ores are not being touched now, but we all know them to exist in large bodies, and as the knowledge of proper treatment spreads they will come into market. The vital point in the whole matter is the recognition of the facts that, since zinc is treated in the lead and copper furnaces, and lead, iron and copper are likewise treated at the zinc furnace, they must be separated and sold as cleaner products in the high market. Exceptions must be made here also, since the new zinc smelter at Pueblo buys mixed ores, and so do the Belgian furnaces, but it will be the knowledge of proper treatment, and will pay accordingly for it. It is a fortunate thing for the miner that his gold and silver values usually follow the lead, copper and iron, rather than the zinc, for the zinc smelter does not ordinarily recover these values, nor pay for them in low-grade ores. Several things aside from new processes have contributed to the present activity and opportunity. The price of spelter has been uniformly high for some time, and bids fair to remain so as long as general conditions are good; many of the European mines have been obliged to curtail production on account of decreased ore reserve, causing the European smelters to look abroad for ore supply; the western railroads have been generous in the matter of lower freight rates on these zinc ores, reaping their reward in the building up of a promising new business. It has been suggested that the opening up of these large zinc deposits will lead to the establishment of zinc smelters in the west. This is possible, but there are certain considerations that must not be overlooked. Cheap labor, cheap transportation, and, above all, cheap fuel, are essential to zinc smelting. Unlike lead or copper smelting, it usually pays to haul zinc ores to the fuel rather than the fuel to the ores. If western smelting can be made to pay, it will come in time, but it will not pay to wait for it, and meanwhile the miner should make the most of his opportunities, and recognize the fact that in his heretofore troublesome zinc ore has today a most valuable asset.

MORE BREAD MONEY.

Rocco Homestake of Hamilton, Nevada Declares a Dividend.

Another dividend of 2 cents per share has been declared by the directors of the Rocco Homestake company. As there is only 60,000 shares of issued stock in the company, the dividend amounts to \$1,200. The checks will close for transfer on the 15th and payment will be made on the 20th. The mine is said to be in splendid physical condition and dividends will continue. The company has paid including the amount just ordered \$125,000.

NIEMAN GOES EAST.

President of Con. Jefferson Off For Chicago—Mine Looks Good.

A. W. Neiman, president and manager of the Consolidated Jefferson of Chicago on business for the company. Mr. Neiman said this morning that he considered that the prospect state at the mine was passed by and that in a very short time a shipper would be added to the list of mines. At the mine everything was moving smoothly, the work of development being systematically pushed.

REAL ESTATE TRANSFERS.

Robert V. Peck to Ada C. Cannon, land in section 26, township 14 north, range 1 west, 2nd meridian, 2,500. Rocco Homestake Co. to Laffin and Rand Powder Co., lot 2, section 14, township 14 north, range 1 west, 10. Rocco Homestake Co. to Fred J. Rosholt, lots 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100. Oscar Gravello to John S. Hill, lots 1 and 2, block 1, 4th street. Lucius L. Woodruff to O. H. Taylor, lot 2, block 2, plat P. John Hunter to J. C. Block, 1/2 section 1, part of lot 1, block 12, plat D. R. P. Tensdale to Glenn R. Roth, well oil, part of lot 8, block 2, plat P. Kendall A. Andrews to James Thompson, lot 1, block 1, 2nd meridian. Harriet Maxwell McCall to William Smith, lot 1, section 7 township 2 south, range 1 west. E. B. Wicks to H. P. Morgan, part of lot 6, block 15, plat C.

MAY BE A NATURAL RAISE.

Jump in Price of Ontario Stock Now Too Great for Mine's Value.

The big jump in the price of Ontario stock is causing all kinds of rumors among brokers and the mining public generally. This morning a fresh rumor broke out to the effect that the Wabash crowd were buying up the stock with an eye to its control. Yesterday it was stated that the Daily-West people were behind the jump. When seen this morning, Manager Rocco said he had nothing to offer to the rumor. The mine from \$1.50 to \$4.35 in two days. The mine is in the same condition except that it is drawing out. He suggested, however, that possibly the stock had been selling too low. This phase of the question is possibly its solution. The mine has the key to its situation at the Park, and all the contiguous mines must use its water channel sooner or later. The normal price of the stock should be at least \$7, or \$8 per share, as those who are interested in it hold the old producer to be worth \$3,000,000. According to this figure the stock may be yet too cheap.

ORE SHIPMENTS.

The ore and bullion settlements as reported by McCormick & Co. yesterday are as follows: Ores, \$30,800; bullion, \$54,300; gold bars, \$1,200.

ORE AND BULLION.

The ore shipments today amounted in all to 15 cars as follows: At the Pioneer sampler two each from Bingham and Nevada and one from Tintic. The Taylor and Barker, two Idaho, one Fish Springs and two Nevada.

NEVADA STOCKS.

James A. Pollock & Co. brokers, reported the following quotations from San Francisco today:

Stocks	Bid.	Asked.
Montana Tonopah	\$2.30	\$2.35
Tonopah Midway	1.55	1.57 1/2
McNamara	35	36
Tonopah Belmont	1.62 1/2	1.65
Jun Butler	.41	.42
Rescue	.08	.09
Gold Mountain	.09	.10
Jun Butler	.22	.25
Tonopah common	14.00	
Tonopah Extension	5.25	5.75
Redtop	.78	.80
Goldfield	.58	.59
McNamara	.57	.58
Sandstorm Extension	.09	.09
Adams	.05	.06
Mohawk	.19	.20
Kendall	.31	.32
Columbia Mountain	.12	.14
Jun Butler	.80	.82
Jun Butler Extension	.20	.21
Black Butte	.12	.13
Silver Pick	.12	.13
Golden Anchor	.82	.84
Ohio Tonopah	.24	.25
Jun Butler	.19	.20
Diamondfield	.25	.29
Long Star	.07	.08
Home Tonopah	.14	.15
Jun Butler	.13	.15
West End	1.17 1/2	1.20
Bullion	.39	.42
Belcher	.32	.34
Con. Virginia	1.40	1.50
Ophir	5.75	6.00
Caledonia	.63	.65
Mexican	1.35	1.40
Union	.57	.58
Potosi	.11	.12
Union	.61	.62
Jacket	.16	.17
Eschschuer	.41	.45
Gold Butte	1.20	1.25
Andes	.21	.22
Scorpion	.13	.14

CONCENTRATES.

C. A. Hawkins, a Cherry creek mining man, is in the city today.

M. J. Daly of the Silver King at Park City was in the city today.

Manager George Dorn of the Consolidated Mercur has returned to the camp.

There were five car loads of Mammoth ore on the market Tuesday. Reports from the mine still continue good.

C. C. Higgins, of the Venture Gold Mining company of Keweenaw county, Nevada, writes encouragingly of that property.

A bunch of Cactus miners came in this morning to testify in the Namaga case which has been brought against the company.

General Manager Crowther of the Continental Alta, who came down from the camp last night, reports four feet of snow at Alta.

Manager Hosbrook says that the miners at the St. Joe are pounding still through hard rock indication the vein is nearing.

George H. Robinson, the general manager of the Britannia Copper company, is down from British Columbia to look after his Tintic interests.

Col. Weir of the Nevada-Idaho who has been in at the Knutsford is very much improved this morning. He hopes to be able to leave for Boston in a few days.

H. W. Horne, a local mining engineer, accompanied Manager Gable of the Sunbeam at Loon creek to that property. Mr. Horne will do some surveys preparatory to connecting up the levels of the mine.

Francis C. Tyng, manager of the Wyoming mine in American Fork canyon came in from the property this morning. He says that the mine is showing up well, and that ore shipments will become regular from now on.

The vein matter in the lowest tunnel No. 5, of the Annie Laurie which has pushed into the mountain a distance of 4,000 feet, has exposed the judgment and opinion of more men familiar with the property. In this tunnel is a ledge of ore 20 feet in width, carrying values which average 12.50 per ton in the entire width. The poorest portion of this is 4 rock, while some of it goes up to \$30 and \$40 per ton. It is a fine milling proposition. Everything points to full realization of the most sanguine expectations.—Photo Courier.

WOOL.

ST. LOUIS.

St. Louis, Dec. 6.—Wool, steady. Territory and western medium, 20 1/2; fine medium, 22 1/2; fine, 19 1/2.

BOSTON.

Boston, Dec. 6.—Stocks of domestic wool in Boston are very small in a market which is unusually dull. It is estimated that the year will go out with the smallest stocks for several seasons. Foreign wools are in relatively better supply than domestic, though it is stated that a large proportion of the wool now in bond at this port is held for manufacturers account. There has been a fair demand for territory wools. Fullest wools are quiet with few sales of a super at 62 1/2 and B. S. at 55 1/2.

PRODUCE.

CHICAGO.

Chicago, Dec. 6.—A sharp advance in the price of wheat at Liverpool was reflected in a rise in wheat market here today. Shorts and commission houses were active buyers. Reports of unsettled weather in Argentina were in measure responsible for the firmness. May opened 1/2 to 3/4 higher at 89 1/2 to 89 3/4 and advanced to 90.

Minneapolis, Duluth and Chicago reported receipts of 24 cars against 18 a year ago.

The corn market was affected by the strength of wheat. May opened a shade higher at 45 1/2 to 45 3/4 and for a time held within the opening range.

Shorts were moderate buyers for oats. May opened 1/4 higher at 29 1/2 to 29 3/4 and held steady.

Provisions were steady on fair demand from packers. May pork was unchanged at 17 1/2.

Cash wheat—No. 2 red, 88 1/2; No. 2 red, 87 1/2; No. 2 red, 86 1/2; No. 2 red, 85 1/2; No. 2 red, 84 1/2; No. 2 red, 83 1/2; No. 2 red, 82 1/2; No. 2 red, 81 1/2; No. 2 red, 80 1/2; No. 2 red, 79 1/2; No. 2 red, 78 1/2; No. 2 red, 77 1/2; No. 2 red, 76 1/2; No. 2 red, 75 1/2; No. 2 red, 74 1/2; No. 2 red, 73 1/2; No. 2 red, 72 1/2; No. 2 red, 71 1/2; No. 2 red, 70 1/2; No. 2 red, 69 1/2; No. 2 red, 68 1/2; No. 2 red, 67 1/2; No. 2 red, 66 1/2; No. 2 red, 65 1/2; No. 2 red, 64 1/2; No. 2 red, 63 1/2; No. 2 red, 62 1/2; No. 2 red, 61 1/2; No. 2 red, 60 1/2; No. 2 red, 59 1/2; No. 2 red, 58 1/2; No. 2 red, 57 1/2; No. 2 red, 56 1/2; No. 2 red, 55 1/2; No. 2 red, 54 1/2; No. 2 red, 53 1/2; No. 2 red, 52 1/2; No. 2 red, 51 1/2; No. 2 red, 50 1/2; No. 2 red, 49 1/2; No. 2 red, 48 1/2; No. 2 red, 47 1/2; No. 2 red, 46 1/2; No. 2 red, 45 1/2; No. 2 red, 44 1/2; No. 2 red, 43 1/2; No. 2 red, 42 1/2; No. 2 red, 41 1/2; No. 2 red, 40 1/2; No. 2 red, 39 1/2; No. 2 red, 38 1/2; No. 2 red, 37 1/2; No. 2 red, 36 1/2; No. 2 red, 35 1/2; No. 2 red, 34 1/2; No. 2 red, 33 1/2; No. 2 red, 32 1/2; No. 2 red, 31 1/2; No. 2 red, 30 1/2; No. 2 red, 29 1/2; No. 2 red, 28 1/2; No. 2 red, 27 1/2; No. 2 red, 26 1/2; No. 2 red, 25 1/2; No. 2 red, 24 1/2; No. 2 red, 23 1/2; No. 2 red, 22 1/2; No. 2 red, 21 1/2; No. 2 red, 20 1/2; No. 2 red, 19 1/2; No. 2 red, 18 1/2; No. 2 red, 17 1/2; No. 2 red, 16 1/2; No. 2 red, 15 1/2; No. 2 red, 14 1/2; No. 2 red, 13 1/2; No. 2 red, 12 1/2; No. 2 red, 11 1/2; No. 2 red, 10 1/2; No. 2 red, 9 1/2; No. 2 red, 8 1/2; No. 2 red, 7 1/2; No. 2 red, 6 1/2; No. 2 red, 5 1/2; No. 2 red, 4 1/2; No. 2 red, 3 1/2; No. 2 red, 2 1/2; No. 2 red, 1 1/2; No. 2 red, 1/2; No. 2 red, 0 1/2; No. 2 red, 0 1/4; No. 2 red, 0 1/8; No. 2 red, 0 1/16; No. 2 red, 0 1/32; No. 2 red, 0 1/64; No. 2 red, 0 1/128; No. 2 red, 0 1/256; No. 2 red, 0 1/512; No. 2 red, 0 1/1024; No. 2 red, 0 1/2048; No. 2 red, 0 1/4096; No. 2 red, 0 1/8192; No. 2 red, 0 1/16384; No. 2 red, 0 1/32768; No. 2 red, 0 1/