

MINING, BUSINESS AND STOCKS

BUSINESS DULL AND UNPROFITABLE

This Was the Condition During Forenoon Call on the Stock Exchange

WABASH FORCED UP TO \$1.12 1/2

May Day and New York Firm at Yesterday's Figures—Yankee Con. Sells Above 40.

Aside from a forced purchase of Wabash at \$1.12 1/2, a little business in Yankee between 39 and 40, and the transfer of a block of Victor at 4 1/2, the morning call on exchange was not only uninteresting but unprofitable. In a regular way the sales amounted to 1,354 shares for \$635.97, while it remained for the open board to contribute 9,700 shares for \$2,500.25, the whole making a total of 11,054 shares for \$3,136.22. Joe Bowers found takers at 3 cents, while May Day held up well under pressure and did business at 23 to 23 1/2. New York maintained its position of the day before and found takers at 25 1/2 and 26, while Little Chief dropped 4 1/2 shares at 24, with board lots offered at 2 1/2.

The closing figures were as follows:

Stocks	Bid.	Asked.
Alcoa	30	30
Ajax	11	14
Bullion Beck	1.00	2.00
Carls	12 1/2	13 1/2
Con. Mercur	23	24
Daily	2 1/2	2 1/2
Daily-Judge	5.00	5.00
Daily-West	12.00	13.00
E. & B. Bell	7 1/2	9 1/2
Grand Central	2.50	3.40
Ingot	81	82
New York-Mammoth	11	12 1/2
May Day	22 1/2	23
Mammoth	1.50	1.62 1/2
Ontario	3.50	3.50
Petro	.09 1/2	.10
Sacramento	.10	.10 1/2
Silver King	49.00	60.00
Silver Shield	.05	.07 1/2
South Swansea	.12	.14
Star Con.	.12	.14
Swansea	.26	.32 1/2
Utah	.40	.40
Uncle Sam Con.	.23 1/2	.24 1/2
U. S. Mining Co.	24.50	25.00
Victoria	2.00	2.25
Western Con.	.10	.12
Butler Liberal	.10	.12
Century	.01	.03
Joe Bowers	.01 1/2	.02 1/2
Little Chief	.02 1/2	.02 1/2
Beck Tunnel Con.	.08 1/2	.09 1/2
Martha Washington	.01 1/2	.02 1/2
Richmond Anaconda	.01	.03
Tetro	.19 1/2	.20 1/2
Victor Con.	.03 1/2	.05
Wabash	1.12 1/2	1.20
Yankee Con.	.39 1/2	.40
Goldfield Bonanza	.10	.10

MORNING'S SALES.

Little Chief, 54 at 24.
Victor Con., 500 at 4 1/2.
Wabash, 100 at 1.10; 200 at 1.12 1/2.
Yankee Con., 100 at 39; 300 at 39 1/2; 200 at 40 1/2; 100 at 39 1/2.

OPEN BOARD.

Joe Bowers, 1,000 at 2.
May Day, 3,000 at 23; 500 at 23 1/2; 2,500 at 23 1/2.
New York, 1,800 at 25 1/2; 500 at 26.
Wabash, 200 at 1.10.
Yankee, 300 at 39 1/2.

TOTALS.

Shares	Value
Regular call	1,554 \$ 635.97
Open board	9,700 2,500.25
	11,254 \$3,136.22

A. S. CAMPBELL,
Stock Broker,
216 D. F. Walker Block.

Clothing Sale.

A chance to get a perfect-fitting suit or overcoat at more than one-quarter off. Nicol & Crabbe Co., 220 Main Street.



Little Bits of Yeast Make the Bread Rise.

WE COLLECTED

FOR J. D. WOOD, the Farmington grocer. Trial took three days. Costs were \$33.

WE COLLECTED

FOR J. W. DONKIN, the Eleventh East grocer. Bill was twelve years old. He had forgotten all about it.

WE COLLECTED

FOR E. BRABY & SON, the Ninth East grocer. It was thirteen years old. We found the man in Chicago.

We Can Collect Some for You if You Turn Them In.

Merchants' Protective Association

Scientific Collectors of Bad Debts for Everybody.

General Offices: Top Floor Commercial Block.

Some People Don't Like Us.

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EARLY-DAY FIND AT SILVER REEF.

First Discovery of Silver in Calcareous Sandstone Occurred in Utah.

DENVER MAN TELLS THE STORY

Trunk of a Tree Changed to Coal Netted \$1,100 Silver in Salt Lake—Method of Treatment.

In its last issue the Mining and Scientific Press has an interesting letter from W. E. Thorne of Denver, in which the gentleman discusses the finding of silver in sandstone, shale and coal at Silver Reef, Utah. His story, he says, is founded on information given him by J. Barbee, superintendent of the Barbee & Walker mine from 1876 to 1882, and is as follows:

This discovery of silver in calcareous sandstone at Silver Reef was made by W. Barbee, and is, I believe, the first of record of such occurrence. Its occurrence here was in the form of native silver chloride. As explained to the writer, it would seem to have been in an anticlinal fold, with the apex cut away by erosion. The sandstone had been capped by an eruptive, most of which had been removed by erosion, leaving only small amounts in isolated patches.

The white sandstone stratum, about 70 feet thick, called the Tecumseh reef, was the one worked, the ore occurring in this in shoots, with a trend to the northwest and strike of reef almost east and west.

The thickness of the ore bodies sometimes reached 50 feet and the cropping of our shoot was about 1,000 feet long. After following this back 900 feet they were but 12 feet from the surface. Beyond this the dip became about 35 degrees from the horizontal. Sometimes in the ore would be found a piece of wood. The heart of all these trees was rich in horn silver, in some instances almost solid and 2 1/2 inches in diameter. The small seams were also rich in silver.

Vertical faulting had occurred. In one instance the down throw was about 125 feet. In all cases a streak of red clay showed the direction of throw, so that it was an easy matter to pick up the shoot. The values were deposited before the faulting took place.

In some places were boulders of red clay, one by the mine being carried six to eight feet in diameter and weighing silver values of four to five ounces per ton. In the center of the boulder would be found a mass of several hundred pounds called "green soap," carrying values as high as 500 ounces silver per ton. No fossil was ever found in this reef so far as reported to the writer.

In one instance the trunk of a tree was found changed to coal. Three thousand pounds of this coal were shipped to Salt Lake and netted \$1,100 silver at \$1.10 per pound. Small seams of coal occurred at times about 1 inch thick, 2 feet long and several inches wide, always rich in silver. This coal was of a good blacksmith grade. The coal was not milled on account of the oil it contained, causing the loss of too much silver by floating and slacking the mercury. No fossil was ever found in this reef so far as reported to the writer.

Some wood haulers had made a road across this reef between two large rocks. At this point had always been a mud hole and black sticky substance. One day W. Barbee noticed it, took a sample and had it assayed, then shipped 10 tons by wagon 240 miles to Salt Lake. This 10 tons netted him \$7,300 in silver. The cropping of this reef made a fine building stone. Barbee built a house of it and later the house was torn down and milled, returning 32 ounces silver per ton.

Method of treatment was by crusher and stamps, followed by pan amalgamation, which gave a saving of 95 per cent.

Seven hundred and fifty stamps dropping 100 times per minute gave an average of eight tons per stamp through a 30-mesh screen. This high stamp duty was caused by the cementing material being calcite, while the quartz grains were about 20-mesh in size.

About one and one-half pound of salt and one pound of copper sulphate was added to each ton of ore treated. The amount of mercury was governed by the assay value of the ore. The loss of quicksilver was about one pound per ton of ore treated.

This reef crops for about 30 miles, but in so far as the writer is aware, payable ore has been found only in the vicinity of Silver Reef.

At this point there is a record production of \$2,500,000, but of late years very little has been done.

Values in coal are reported from the Cambria coal field of Wyoming of from 1 to 2 pennyweight in gold, supposed to be in the iron pyrite. Also from South Africa in small seams of coal in places. Also in a vein of coal 22 feet thick in Colorado in the Sangre de Cristo mountains, said to carry 10 per cent copper with some gold. In this last instance the writer will "have to be shown." This may not be impossible, but seems highly improbable, for such a large amount of high grade copper to exist in coal at the location claimed. There is no doubt but a great deal of coal has been burned that has had good metallic values, but to undertake to make it of value commercially would more than likely result in failure.

GRAND CENTRAL DIVIDEND.

Special Correspondence.

Provo, Dec. 15.—A meeting of the Grand Central Mining company directors was held here yesterday, and a dividend of 5 cents a share or \$15,000 was posted for December. The books will close on the 17th, and the dividend is payable on the 20th.

CONCENTRATES.

A good strike is reported in the Yankee Con. at Tintic.

The Sunnyside mill at Thunder Mountain is scheduled to start up about the 20th.

The Uncle Sam mine at Tintic had one car of crude ore on the market today.

Receipts at the Pioneer sampler today amounted to two cars of ore from American Fork and five from Tintic.

Foreman Boyle of the Lost Packer mine at Loon Creek, Ida., is in the city.

He reports the property in splendid shape.

Fifteen cars of ore from Tonopah, two from Tintic and one from Blackham, were received at the Taylor-Bruntson sampler today.

The Con-Alta mill at Alta will be completed this week, but will not be started up till the pipeline and tram are ready for active work.

Advices from Tintic indicate a clash over possession of the Martha Washington mine, between Receiver R. R. Hudson and Sheriff D. B. Cronin.

W. L. Dunne and associates of California, have secured an option on a number of claims adjoining the old De Lamar, Magnolia and April Fool mines at De Lamar.

W. H. Clark, formerly of Salt Lake, has just made his second payment on the purchase price of the Tin Horn group of claims, three and a half miles southeast of Goldfield.

Col. Perry, owner of the Curtis property at Park City, has just placed an order for a compressor and other necessary equipment, with which to begin the systematic development of the property.

PRICES MADE EASY RISES.

At Opening There Was a Good Demand for Many Stocks, They Making Advances.

THEN CAME HEAVY SELLING.

Was for Both Accounts—Early Gains Largely Reduced—Business Very Small.

New York, Dec. 15.—Prices of stocks today rose easily in the opening, followed by a good demand, leading to the advance of a gain of 1 1/2 and Amalgamated Copper rose 1 1/2. No serious opposition was met in the upward movement of prices during the first 30 minutes, and by that time practically every leading stock had advanced a point above yesterday's closing. Illinois Central moved up 1 1/2, and Brooklyn Transit and the Metropolitan stocks 2 to 2 1/2. The Pennsylvania group, coal stocks, and the active specialties showed the most concentrated strength. Heavy selling for both accounts commenced after 10:30, and the earlier advances were largely reduced, and in some cases cancelled. L. & N., the Rock Island stocks, the United States Steel and Colorado Fuel a fraction below last night. Central of New Jersey and Denver & Rio Grande a point, Atlantic Coast line 1/2 and Erie scored preferred 1/2. Lake Erie & Western preferred dropped 1/2. Irregular fluctuations followed.

The morning's business at the stock exchange was smaller than for several months. The movement of prices was extremely uncertain. Many small upward spurts proved abortive and prices constantly fell back to a fraction only over last night. A rise of 2 1/2 in Amalgamated Copper had a sympathetic effect on the general list, but it was not held. There was a gain of between 2 and 2 1/2 points in Northwestern D. & H., Southern Railway preferred, St. Louis-Southwestern preferred, Kansas City Southern, Consolidated Gas and Tennessee Coal. Losses of a point were scored by Rubber preferred, Rubber Goods, Westinghouse Electric, Bag, Pine preferred, Pacific Mail and Hooking Valley.

Bonds were dull and steady at noon. Midday operations were devoid of feature. Prices ruled a shade above the noon level.

Progress during the afternoon was slowly upwards and many stocks eventually ruled on a parity with the high prices of the first hour. Special stocks, such as Amalgamated Copper, United States Steel preferred, St. Paul and Missouri Pacific preferred, and Tennessee Coal, showed again before 2 o'clock in sympathy with a reaction of 1 1/2 in Amalgamated Copper.

LIVESTOCK.

CHICAGO.

Chicago, Dec. 15.—Cattle—Receipts, 9,000; market steady to lower. Good to prime steers, 5.00 to 5.15; poor to medium, 4.75 to 4.90; cows, 4.50 to 4.75; calves, 4.25 to 4.50; hogs, 2.00 to 2.15; pigs, 1.50 to 1.75; sheep, 1.00 to 1.25; lambs, 1.50 to 1.75.

Hogs—Receipts today, 38,000; tomorrow, 24,000; market steady. Mixed and butchers, 4.25 to 4.50; good to choice heavy, 4.25 to 4.40; light, 4.15 to 4.30; bulk of sales, 4.00 to 4.25.

Sheep—Receipts, 15,000; market steady; lambs, strong. Good to choice wethers, 3.50 to 3.75; heavy, 3.25 to 3.50; native lambs, 3.00 to 3.25; western sheep, 3.00 to 3.25; native lambs, 3.00 to 3.25; western lambs, 3.00 to 3.25.

OMAHA.

South Omaha, Dec. 15.—Cattle—Receipts, 2,500; market lower. Native steers, 3.50 to 3.75; cows and heifers, 2.50 to 3.00; western steers, 3.00 to 3.25; cows and heifers, 2.50 to 3.00; calves, 1.50 to 1.75; stockers and feeders, 2.50 to 3.00; hogs, 2.00 to 2.15; pigs, 1.50 to 1.75; sheep, 1.00 to 1.25; lambs, 1.50 to 1.75.

Hogs—Receipts, 10,000; market steady. Heavy, 4.25 to 4.40; mixed, 4.15 to 4.30; light, 4.00 to 4.25; pigs, 4.00 to 4.25; bulk of sales, 3.75 to 4.00.

Sheep—Receipts, 4,500; market active. Westerns, 1.75 to 1.90; wethers, 1.50 to 1.75; native lambs, 1.50 to 1.75; western lambs, 1.50 to 1.75.

KANSAS CITY.

Kansas City, Dec. 15.—Cattle—Receipts, 2,500; market steady. Native steers, 3.50 to 3.75; cows and heifers, 2.50 to 3.00; western steers, 3.00 to 3.25; cows and heifers, 2.50 to 3.00; calves, 1.50 to 1.75; stockers and feeders, 2.50 to 3.00; hogs, 2.00 to 2.15; pigs, 1.50 to 1.75; sheep, 1.00 to 1.25; lambs, 1.50 to 1.75.

Hogs—Receipts, 9,000; market steady to 5 cents lower. Bulk of sales, 4.50 to 4.75; heavy, 4.25 to 4.50; light, 4.00 to 4.25; pigs, 4.00 to 4.25; bulk of sales, 3.75 to 4.00.

Sheep—Receipts, 3,000; market strong. Mutton, 4.00 to 4.25; lambs, 3.50 to 3.75; range wethers, 4.00 to 4.25; fed ewes, 3.75 to 4.00.

PRODUCE.

CHICAGO.

Chicago, Dec. 15.—May wheat opened a shade to 1/4¢ lower at 1.05 1/2 to 1.06 1/2. Cash: Wheat—No. 2, red, 1.15 to 1.16 1/2; No. 3, red, 1.05 to 1.06 1/2; No. 4, red, 1.00 to 1.01 1/2; No. 5, red, 1.00 to 1.01 1/2; No. 6, red, 1.00 to 1.01 1/2; No. 7, red, 1.00 to 1.01 1/2; No. 8, red, 1.00 to 1.01 1/2; No. 9, red, 1.00 to 1.01 1/2; No. 10, red, 1.00 to 1.01 1/2; No. 11, red, 1.00 to 1.01 1/2; No. 12, red, 1.00 to 1.01 1/2; No. 13, red, 1.00 to 1.01 1/2; No. 14, red, 1.00 to 1.01 1/2; No. 15, red, 1.00 to 1.01 1/2; No. 16, red, 1.00 to 1.01 1/2; No. 17, red, 1.00 to 1.01 1/2; No. 18, red, 1.00 to 1.01 1/2; No. 19, red, 1.00 to 1.01 1/2; No. 20, red, 1.00 to 1.01 1/2; No. 21, red, 1.00 to 1.01 1/2; No. 22, red, 1.00 to 1.01 1/2; No. 23, red, 1.00 to 1.01 1/2; No. 24, red, 1.00 to 1.01 1/2; No. 25, red, 1.00 to 1.01 1/2; No. 26, red, 1.00 to 1.01 1/2; No. 27, red, 1.00 to 1.01 1/2; No. 28, red, 1.00 to 1.01 1/2; No. 29, red, 1.00 to 1.01 1/2; No. 30, red, 1.00 to 1.01 1/2; No. 31, red, 1.00 to 1.01 1/2; No. 32, red, 1.00 to 1.01 1/2; No. 33, red, 1.00 to 1.01 1/2; No. 34, red, 1.00 to 1.01 1/2; No. 35, red, 1.00 to 1.01 1/2; No. 36, red, 1.00 to 1.01 1/2; No. 37, red, 1.00 to 1.01 1/2; No. 38, red, 1.00 to 1.01 1/2; No. 39, red, 1.00 to 1.01 1/2; No. 40, red, 1.00 to 1.01 1/2; No. 41, red, 1.00 to 1.01 1/2; No. 42, red, 1.00 to 1.01 1/2; No. 43, red, 1.00 to 1.01 1/2; No. 44, red, 1.00 to 1.01 1/2; No. 45, red, 1.00 to 1.01 1/2; No. 46, red, 1.00 to 1.01 1/2; No. 47, red, 1.00 to 1.01 1/2; No. 48, red, 1.00 to 1.01 1/2; No. 49, red, 1.00 to 1.01 1/2; No. 50, red, 1.00 to 1.01 1/2; No. 51, red, 1.00 to 1.01 1/2; No. 52, red, 1.00 to 1.01 1/2; No. 53, red, 1.00 to 1.01 1/2; No. 54, red, 1.00 to 1.01 1/2; No. 55, red, 1.00 to 1.01 1/2; No. 56, red, 1.00 to 1.01 1/2; No. 57, red, 1.00 to 1.01 1/2; No. 58, red, 1.00 to 1.01 1/2; No. 59, red, 1.00 to 1.01 1/2; No. 60, red, 1.00 to 1.01 1/2; No. 61, red, 1.00 to 1.01 1/2; No. 62, red, 1.00 to 1.01 1/2; No. 63, red, 1.00 to 1.01 1/2; No. 64, red, 1.00 to 1.01 1/2; No. 65, red, 1.00 to 1.01 1/2; No. 66, red, 1.00 to 1.01 1/2; No. 67, red, 1.00 to 1.01 1/2; No. 68, red, 1.00 to 1.01 1/2; No. 69, red, 1.00 to 1.01 1/2; No. 70, red, 1.00 to 1.01 1/2; No. 71, red, 1.00 to 1.01 1/2; No. 72, red, 1.00 to 1.01 1/2; No. 73, red, 1.00 to 1.01 1/2; No. 74, red, 1.00 to 1.01 1/2; No. 75, red, 1.00 to 1.01 1/2; No. 76, red, 1.00 to 1.01 1/2; No. 77, red, 1.00 to 1.01 1/2; No. 78, red, 1.00 to 1.01 1/2; No. 79, red, 1.00 to 1.01 1/2; No. 80, red, 1.00 to 1.01 1/2; No. 81, red, 1.00 to 1.01 1/2; No. 82, red, 1.00 to 1.01 1/2; No. 83, red, 1.00 to 1.01 1/2; No. 84, red, 1.00 to 1.01 1/2; No. 85, red, 1.00 to 1.01 1/2; No. 86, red, 1.00 to 1.01 1/2; No. 87, red, 1.00 to 1.01 1/2; No. 88, red, 1.00 to 1.01 1/2; No. 89, red, 1.00 to 1.01 1/2; No. 90, red, 1.00 to 1.01 1/2; No. 91, red, 1.00 to 1.01 1/2; No. 92, red, 1.00 to 1.01 1/2; No. 93, red, 1.00 to 1.01 1/2; No. 94, red, 1.00 to 1.01 1/2; No. 95, red, 1.00 to 1.01 1/2; No. 96, red, 1.00 to 1.01 1/2; No. 97, red, 1.00 to 1.01 1/2; No. 98, red, 1.00 to 1.01 1/2; No. 99, red, 1.00 to 1.01 1/2; No. 100, red, 1.00 to 1.01 1/2; No. 101, red, 1.00 to 1.01 1/2; No. 102, red, 1.00 to 1.01 1/2; No. 103, red, 1.00 to 1.01 1/2; No. 104, red, 1.00 to 1.01 1/2; No. 105, red, 1.00 to 1.01 1/2; No. 106, red, 1.00 to 1.01 1/2; No. 107, red, 1.00 to 1.01 1/2; No. 108, red, 1.00 to 1.01 1/2; No. 109, red, 1.00 to 1.01 1/2; No. 110, red, 1.00 to 1.01 1/2; No. 111, red, 1.00 to 1.01 1/2; No. 112, red, 1.00 to 1.01 1/2; No. 113, red, 1.00 to 1.01 1/2; No. 114, red, 1.00 to 1.01 1/2; No. 115, red, 1.00 to 1.01 1/2; No. 116, red, 1.00 to 1.01 1/2; No. 117, red, 1.00 to 1.01 1/2; No. 118, red, 1.00 to 1.01 1/2; No. 119, red, 1.00 to 1.01 1/2; No. 120, red, 1.00 to 1.01 1/2; No. 121, red, 1.00 to 1.01 1/2; No. 122, red, 1.00 to 1.01 1/2; No. 123, red, 1.00 to 1.01 1/2; No. 124, red, 1.00 to 1.01 1/2; No. 125, red, 1.00 to 1.01 1/2; No. 126, red, 1.00 to 1.01 1/2; No. 127, red, 1.00 to 1.01 1/2; No. 128, red, 1.00 to 1.01 1/2; No. 129, red, 1.00 to 1.01 1/2; No. 130, red, 1.00 to 1.01 1/2; No. 131, red, 1.00 to 1.01 1/2; No. 132, red, 1.00 to 1.01 1/2; No. 133, red, 1.00 to 1.01 1/2; No. 134, red, 1.00 to 1.01 1/2; No. 135, red, 1.00 to 1.01 1/2; No. 136, red, 1.00 to 1.01 1/2; No. 137, red, 1.00 to 1.01 1/2; No. 138, red, 1.00 to