

# MINING, BUSINESS AND STOCKS

## PEACOCK COPPER IN UTAH APEX.

Most Important Strike in History Of Mine Made on Parnell Level.

VEIN SHOWS OVER FOUR FEET.

Foot-Wall Yet Unexposed—Encountering of Vein Was Wholly Unexpected.

The most important strike of copper ore in the history of the Utah Apex property at Bingham has just been made. This information was brought in from the copper camp last night by Manager Walter C. Orem and samples of the rock were seen today at Mr. Orem's office in the Auerbach building. Four and one-half feet, with the foot wall yet to be exposed, of peacock copper ore has been opened in a drift which the management has been driving west on the Parnell tunnel level. The vein was entirely unexpected and seems to be separate and distinct from any of the known ore bodies of the property, yet Manager Orem believes the ore making fissure responsible for its existence is what is known as the Louisa fissure, that will be encountered by driving the drift 150 feet further ahead. The Louisa fissure proved to be of considerable significance in the York ground; now a part of the Utah Apex domains. The copper strike was made at a depth from the surface of about 100 feet.

The Utah Apex is rapidly improving as development work progresses and that it will soon assert its right to rank among the big producers of the camp is generally conceded.

**DAY OF BIG BUSINESS.**  
Volume of Business Done on Exchange Exceeded that of Yesterday.

This has been another day of big sales on the floor of the Salt Lake Stock & Mining exchange. It outshone yesterday, which recorded the heaviest transactions of a single day in several years, there was some extensive buying and selling of Daily Judge which runs the totals up to \$15,152. Quite a large bunch of the Park City stock was offered at \$10.25 and it was absorbed as readily as offered. The stock closed on a bid of \$10 and an offer of \$10.25. New York, Wabash and Union Consolidated sold down. No Columbus Consolidated was reported; but Sacramento found takers at 15 cents.

The closing quotations and sales were as follows:

### TODAY'S QUOTATIONS.

| Stocks.            | Bid.     | Asked.    |
|--------------------|----------|-----------|
| Albion             | .65      | .65       |
| Alice              | 2.87 1/2 | 5.00      |
| Ajax               | .31 1/2  | .34       |
| Bullion-Bock       | 1.00     |           |
| Crescent           | .20      | .20       |
| Con. Mercu         | .65      |           |
| Daily              | 1.15     | 1.30      |
| Daily-Judge        | 10.00    | 10.25     |
| Daily-West         | 14.50    | 15.12 1/2 |
| E. & B. Bell       | 2.37 1/2 | 3.25      |
| Grand Central      | 2.54     | 3.60      |
| Galea              | .15      | .15       |
| Horn Silver        | 1.75     |           |
| Little Bell        | .40      | .40       |
| Lower Mammoth      | .30      | .35       |
| May Day            | .20      | .20 1/2   |
| Ontario            | 2.15     | 2.75      |
| Petro              | .09 1/4  | .09 1/2   |
| Silver King        | 42.00    | 44.50     |
| Sacramento         | .14 1/2  | .15 1/2   |
| Star Con.          | .12 1/2  | .13       |
| Swansea            | .55      | 1.00      |
| South Swansea      | .05 1/2  | .05 3/4   |
| U. S. Mining Co.   | 55.00    | 56.00     |
| Utah               | .51      | .61       |
| Uncle Sam Con.     | .30 1/2  | .30 3/4   |
| Victoria           | 2.35     | 2.35      |
| Butler Liberal     | .15      | .14 1/2   |
| Beck Tunnel Con.   | .50 1/2  | .50 3/4   |
| Century            | .09      | .09       |
| Black Jack         | .56      | .65       |
| Cyclone            | .06 1/2  | .06 3/4   |
| Ingot              | .02 1/2  | .02 1/4   |
| Joe Borers         | .02 1/2  | .02 1/4   |
| Little Chief       | .04 1/2  | .04 3/4   |
| New York           | .22 1/2  | .23       |
| Victor             | .10 1/2  | .11 1/2   |
| Tetoro Con.        | .04 1/2  | .04 3/4   |
| Wabash             | .85      | .90       |
| Richmond Anacostia | .03 1/2  | .03 3/4   |

### NEVADA STOCKS.

|                    |          |
|--------------------|----------|
| Goldfield Bonanza  | .65      |
| Jim Butler Tonopah | 1.20     |
| Montana Tonopah    | 2.80     |
| Tonopah Midway     | 2.25 1/2 |
| Rocco Homestake    | .20      |

### REGULAR CALL SALES.

Daily Judge, 900 at 10.00; 300 at 10.65; S. 60; 200 at 10.25; 15. 60; 100 at 10.00; S. 30; 600 at 10.02; 100 at 10.15; B. 30; Grand Central, 100 at 3.55; Little Bell, 400 at 4.75; 100 at 4.70; Sacramento, 1,000 at 14; Uncle Sam, 400 at 40; 200 at 33 1/2; 100 at 32 1/2; New York Bonanza, 500 at 23; 100 at 23; 500 at 23 1/2; 100 at 22 1/2; Wabash, 100 at 90; 150 at 95; 100 at 85; 200 at 87 1/2; 100 at 85.

### OPEN BOARD SALES.

Copper Glance, 500 at 95; Daily Judge, 100 at 10.00; Emerald, 500 at 10; Grand Central, 200 at 3.55; Little Bell, 500 at 4.70; New York Bonanza, 1,000 at 22 1/2; 500 at 23; R. 80; Sacramento, 5,000 at 15.

### RECAPITULATION.

Regular call ..... 10,550  
Open board ..... 11,800  
Forenoon totals ..... 22,350 \$22,111.63

### A. S. CAMPBELL.

Stock Broker, 216 D. P. Walker Block.  
Tel. Bell 782 161 S. Main St.

### ALDEBARAN MINE.

Eastern Shareholders Will Make Inspection Soon.

R. T. Ashby arrived Saturday from his trip to Liberty, Mo., where he had a consultation with the officers and directors of the Aldebaran Mining company in regard to its future plans, says the Reeper of Richfield. Nothing definite was decided upon for the present, and some of the officials will visit the property this spring before making any

## Today's Metal Quotations.

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

|                   |             |
|-------------------|-------------|
| SILVER,           | 65 1/2      |
| COPPER, (electro) | 17 1/4      |
| COPPER, (casting) | 17 1/4      |
| LEAD,             | 3.00 @ 3.35 |

## NEW YORK QUOTATIONS.

|               |                 |
|---------------|-----------------|
| LEAD, quiet,  | 5.35 @ 5.45     |
| COPPER, firm, | 18 1/4 @ 18 1/2 |

future plans. The officials seemed to be favorably impressed with Mr. Ashby's action in securing the additional ground adjoining the Aldebaran group and are favorable to his plans for developing the entire ground through this new acquisition.

## BACK FROM ALASKA.

Harry Witt Thinks Mining Interests Of Northern Country Are Great.

Harry Witt, the local representative of the Johnson Powder concern, has returned from business trip to Alaska, having visited Juneau, Sitka and other places of interest, including the great Treadwell mine on Douglas Island, one of the most noted gold producing mines in existence at the present time.

Mr. Witt says the northern country is filled with interest and the winter along the coast has not been any more severe, as a whole, than it has been right here in Utah.

Mr. Witt thinks Alaska has a great future, not only in a mining way, but many others. Its possibilities as an agricultural and stock raising region are something great; while the fisheries and lumbering interests of this portion of Uncle Sam's domains are not at all insignificant.

## COLUMBUS SAMPLED.

Agents of Thomas F. Cole Spent Two Weeks at Alta Mine.

Information has leaked out that within the next few weeks Salt Lake City will be honored with the presence of Thomas F. Cole and others associated with him in his mining enterprises in Montana and Arizona. Just what date the distinguished mining operator and his party will arrive has not been disclosed, but it has been learned, quarters have been arranged for the visitors during their stay in the city.

For nearly six months the sampling of several Utah mines has been in progress under the direction of representatives of Mr. Cole. Among the properties investigated, was the Columbus Consolidated at Alta, where a corps of experts put in two weeks of hard work. At the conclusion of the examination, a bid was made for a controlling interest in the mine on an offer of \$10.25. The bid was not accepted, it is said of about \$25,000. The proposition was not entertained, however.

The Silver King at Park City has been sampled in the manner that the Columbus Consolidated was, likewise some of the principal producing mines of Tintic, Bingham and Stockton. The coming of Cole to Utah is welcomed. He does things. If present plans carry it, it will mean that the small producer will reap the advantages which come from having keen competition in the smelting field.

## OGDEN LEASING COMPANY.

Articles of Incorporation Filed in Weber County.

Ogden, March 2.—Articles of incorporation were filed here yesterday by the Ogden Leasing and Development company with a capital stock of \$10,000, divided into shares of a par value of \$1 each. The new concern is incorporated for a period of 50 years to do a general mining and development business. The directors are Charles H. Hays, Charles E. Pears, Francis L. Woods, John J. Schwartz and S. L. Ives.

## A NARROW ESCAPE.

A Huge Explosion Stirs Up Things at New Garfield Smelter.

Workmen at the new Garfield copper smelter experienced the rather unpleasant sensation of having a shower of rocks hurled at them from a huge blast touched off on the railroad grade a few days ago. Immense boulders were sent hurtling through the air, some of them traveling a distance of 1,500 feet. Some injury was done to one of the steel buildings and in one place a big hole was punched through a concrete wall. One workman was slightly hurt. But all things considered, it is considered fortunate that the affair did not turn out more seriously.

The contractors who are cutting through solid rock to make room for a railroad track in the upper portion of the smelter yards, a short distance above the new office building, set off a blast containing about 200 kegs of powder.

## OVERLAND DEEDS FILED.

The county recorder at Provo filed for record yesterday a receiver's deed from E. W. Clark, receiver of the Overland Gold Mining company, to Denman Blanchard, of Boston, Mass., conveying the mining and other property of the Overland Gold Mining company for a consideration of \$37,500. The property is situated in Camp Floyd mining district. A mortgage for \$15,000, by the grantee of the deed, has been filed in favor of Flora L. Clement, of Washington, D. C.

## WILL DEVELOP MINE.

At a meeting of the Masonic Mountain Gold Mining company, held at Carson, Nev., last Wednesday, plans were perfected for immediate prosecution of tunnel and shaft excavations on the properties of the company located in Masonic district. These plans involve the thorough exploration of the ledges already uncovered on the company's claim known as the Lost Horse, and the development of a second promising claim, the Found Horse.

## SNYDER SELLS OUT.

Peter Haack of Los Angeles Gets His Homeline Stock.

An important mining stock deal was closed up in this city late yesterday afternoon, when Peter Haack, a prominent Los Angeles capitalist, deposited a large sum of money in one of the local banks to the credit of Willard F. Snyder, to bind the bargain.

The deal involves the transfer to Mr. Haack of all of Mr. Snyder's interests in the Homeline mine at Stockton, amounting to 52,000 shares, also 10,000 shares more, which Mr. Snyder holds as trustee. A large consideration involved in the deal was \$124,000.

The deal was made subject to the ratification of another deal, which Mr. Snyder made recently with the officers of the Western Exploration company and through which Mr. Snyder comes

## NEW RED WING.

High Grade Lead-Silver Ore on Snake Tunnel Level.

High grade shipping ore, carrying values principally in silver and lead, is being taken out of the New Red Wing mine at Bingham, now being operated by the Utah Development company. For the past week the whole face of the north drift in the Snake tunnel workings has been in one of the class mentioned, the vein showing a width of from 4 to 4 1/2 feet.

In the New Red Wing are exposed some immense bodies of milling ore, for the treatment of which the management will soon give consideration to the proposition of erecting a 500-ton milling plant.

## CONCENTRATES.

Frank B. Cook departed this afternoon for Tonopah, Nev.

Judge Peter Lochrie of Milford is in the city on a brief business trip.

On account of wire troubles no San Francisco or Boston quotations came over the Pollock wires today.

Manager, S. M. Levy of the Annie Laurie mine at Kimberly is expected to arrive from that southern camp this evening.

Kirby Thomas, general western manager of the Mining World of Chicago, is in the city enroute to Denver from a trip to the coast.

The directors of the Mason Valley Copper company are scheduled to meet tomorrow at which time an assessment will probably be levied.

W. H. Wiley and his corps of experts are at work sampling the Ohio Copper mine at Bingham. The property is owned by Newhouse and the Venture corporation.

Experts have recently examined the Copper Glance mine at Bingham, presumably for the Guggenheim combination. The property adjoins the Utah Copper.

The ore and bullion settlements reported late yesterday by McCormick & Co. were as follows: Crude ore, 335,000; base bullion, 338,100; gold bullion, \$1,200.

Some interesting developments are taking place at the Silver King Consolidated at Park City. Yesterday forenoon workmen in the shaft broke into another fissure, and Foreman John McElroy says the ledge was found to be the best looking stuff encountered since the shaft was started.

Superintendent A. O. Jacobson of the Columbus Consolidated at Alta is in the city from camp. Mr. Jacobson says yesterday's storm was one of the severest that hit the mine in a long time, and that if more snowdrifts are escaped, it will be something bordering on the miraculous.

The bunk house at the Day mine, built for the accommodation of the men that will work there, is nearing completion. It is a two-story structure and will house about 50 men. The putting up of such a large house surely means the employment of a large force of men at that property of the Nevada-Utah company, Pioche Record.

From Dayton, Nev., comes news that a company composed principally of Utah men, and headed by W. J. Douglas and R. L. Douglas on the Carson river where the company will erect a large plant, which is to reduce the ore of Tonopah, Manhattan and Goldfield. The company is said to have agreed to pay \$250 a month for the power rights as long as they are used.

William Johnson, while down from the Copper Butte property this week, showed some pretty specimens of high grade copper ore which has just been struck in the tunnel. The ledge matter carries the ore in lively quantities, but the most attractive specimens are nuggets of abundance, of which there is a goodly quantity. Some of the ore is said as high as 40 per cent. There is now no doubt as to the future of this property.—Richfield Reeper.

L. H. Outzen departed last Thursday for St. Louis and possibly other eastern cities in the interest of the Annie Laurie Extension Mining company. Mr. Outzen makes the trip to fully explain the details of the development of the property for the past year to the many persons who are making constant inquiries which would be best attended by correspondence and incidentally to interview others who might wish to invest in the proposition.—Richfield Reeper.

All freight teams that have come in the past six weeks have received all their loads without mishap, and have made it much more profitable for the teamsters. All the back loading is from Bristol, being supplied with ore which Lloyd, Christian & Cook are taking out of the Bristol Copper company's properties, under lease. We understand that they have enough ore out and in sight to keep the teams supplied for some time to come, which is news of the best.—Pioche Record.

## SCIENTIFIC MISCELLANY.

Small protuberances, like drops of molten metal, have been noticed by N. Orloff on the surface of an aluminum plate that had been used to cover a dish containing radium bromide. Radiation from these protuberances showed no lessening after six months, and it is inferred that particles of radium accumulated around slight nuclei of aluminum to form a stable alloy.

The best paper cloth so far produced seems to be that made by a patented process used in Saxony. One kind is spun and woven from narrow strips of paper in a certain variety cotton with the paper; and a third grade—the best—results from a mixture of wool and paper. The new material though not so strong and durable as ordinary cloth—yields cheap, serviceable and even washable clothing.

The hypothesis that magnetic storms, aurora, etc., are due to the escape of the earth through dense portions of matter ejected by the sun is favored by Prof. Schallerbe, the German astronomer. He finds that the irregularity of period is what should be expected, and the phenomena of comets sustain this view.

The fruit of the Barley nopal, a widely distributed fig-tree, is used by Prof. Cusmano, and Italian, for the novel purpose of watering trees, or protecting them from drought. A pit is dug around the tree to be protected, and this is filled with the figs and their stems, the whole being beaten down and covered with a layer of earth.

## COLDS CURED IN ONE DAY



The pulps thus laid down in spring absorb much moisture, which is given off very slowly. After a drought of four months, Prof. Cusmano has found the pulp still fresh and capable of supporting vegetation while the foliage of the tree was green and in perfect condition.

The old alchemists' theory of the transmutation of elements is confirmed anew by fresh evidence of the change of uranium into radium. In the later experiments of F. Soddy, a solution containing over two pounds of uranium nitrate was freed from all traces of radium and was then placed in a closed bottle, since which time, for eighteen months it has been examined occasionally. An emanation—apparently identical with radium—has gradually developed, and increased in power.

The "Breless stoves" of German cooking schools are tightly closed wooden boxes thickly lined with hay or felt. After first boiling a few minutes over a fire, pots containing food are placed in these boxes, where they retain their heat for hours, the result being slow cooking. This method is suitable for soups and vegetables which do not require a quick, hot fire.

Some fine specimens of Chinese sounding stones have been described by a late visitor at Ch'ufu, the birthplace and burial-place of Confucius. An incense dish of stone rang with the bell-like tone of bronze on being struck with a stick. Two pillars gave out a musical note on being struck at any point, and a large tablet—three by five feet in area and six inches thick—emitted a note varying with the point struck. These "stone songs" are found throughout the country having been known for centuries. The material is a greyish oolitic limestone, and it is said to come only from occasional veins at a quarry a few miles from Ch'ufu.

Peat covers one-seventh of Ireland, sometimes reaching a depth of 50 feet. The United Kingdom has 6,000,000 acres, of an average depth of 12 feet; Germany's peat covers 11,000 square miles; and Scandinavia's supply is thought to equal 5,000,000,000 tons of coal.

Even if the world should not be fed on chemical products, there is every reason to believe that the food of a few generations hence will differ greatly from that of today. As population grows, food products must be found to become vegetarians, for it has been found that 22 acres of land are necessary to sustain one man on fresh meat, but that 42 people can be fed from the same area devoted to wheat. The prophecy is that the time is approaching when the human race will live chiefly on the fruit of trees. Humboldt estimated that an acre banana plantation will feed 25 human beings, while a potato field of the same size would support only two and a wheat farm only one; and he further discovered that a grove of full grown chestnut trees will yield six times as much nourishment per acre as any cereal crop. With the reclaiming of desert areas by irrigation, the planting of date palms, bananas and other fruit trees will result in a vast new supply of salubrious and nutritious food.

## IMPORTANT TO GUESSERS IN THE \$25.00 CONTEST.

Inasmuch as the increase of subscribers has been more rapid than we could have anticipated, and since we are nearing the 10,000 mark, it becomes necessary for us to advise all people who contemplate sending in guesses, that the contest will close Saturday evening, March 3rd, at six o'clock. No guesses will be received bearing a later date.

ROCKY MOUNTAIN BELL TELEPHONE CO.

## Gardner Daily Store News

Don't take chances on the abatement of Wintry storms at this early date. Just invest Ten Dollars in one of these Overcoats worth twice or nearly twice that figure, and be perfectly safe.

Then you will have a good coat and a dressy coat for next Winter's wear, which in itself is a considerable item, as every coat will be worth more than its original price according to next Season's valuation.

Not many coats left, but all good ones, subject to choice—

ONE PRICE.

J.P. GARDNER

136-138 MAIN ST.

THE QUALITY STORE

THE UNITED STATES SMELTING CO.

IS NOW IN THE MARKET For All Kinds of Lead and Copper Ores at PRICES FAVORABLE TO SHIPPERS.

Good Improved farming land with plenty of water may now be bought for from \$10 to \$15 per acre. This is high grade, level bench land, and will in five years, judging by the past history of the Teton Valley, bring from \$30 to \$50 per acre. The wonderful development of this country, through the sugar beet industry alone is a marvel. Ground that a few years ago could be purchased at \$10 and \$20 per acre, is now bringing \$100 and up. There is no reason why the same process of development should not bring about the same results in the Teton Valley. We have the soil, the climate and the water. Also mammoth coal deposits, lime stone, and large areas of pastureage, etc. Improved farms range at from \$12 to \$25 per acre. We have some bargains for the man who knows a good thing when he sees it.

We are in the business to locate good men in a good country. Content with small commissions we are doing business. For information write, YOUNG & WINGER, Driggs, Idaho.

Address All Communications to SALT LAKE, UTAH.

Consign All Shipments as Follows: United States Smelting Company, Bingham Junction, Utah.

When Shipment is Made, please NOTIFY US PROMPTLY, and if Public Sample is Preferred, designate which one, also designate one assayer.

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## BULL OPERATORS COULDN'T MAKE IT

Tried to Rush Stocks up But Selling of Consolidated Gas Prevented Them.

OFFERINGS SENT PRICES DOWN Small Demand Started Upward Movement Which Was Very Soon Checked.

New York, March 2.—Opening prices in the stock market today rose over last night's with the conspicuous gains in the same stocks that have been prominent in the speculation for some time past. Anaconda rose 3/4, Lead 2 1/2, Great Northern preferred 1 1/2, N. P. 2, Smelting 1 1/2 and the Metropolitan Traction stocks, D. & B. C., and Colorado Fuel about a point. There was a decline of 1/4 in Consolidated Gas and U. S. Steel and Southern Pacific were down small fractions.

Bull operators were unable to carry the opening rise further, owing to the unfavorable effect produced by the energetic selling of Consolidated Gas. That stock declined nearly 3 points and there was a general setback elsewhere, which put leading and the bull stocks fractionally under yesterday's closing. Several stocks of minor importance advanced later, but the general market became very quiet and featureless. Delaware & Hudson rose 1/4, Wisconsin Lake first preferred 1/4, and United States Rubber first and second preferred 1/4 and Sugar and Ice 1. Brooklyn Union Gas fell off 1/4. Minneapolis S. M. Marie and Colorado Southern 1, and the second preferred 2. Trading was dull and fluctuations uncertain. Active stocks inclined lower in spite of advances in some less prominent issues. Northwestern gained 1/4, Colorado Fuel preferred 1/4, and Erie second preferred, Rocking Valley, Louisville, U. S. Rubber, and some others point of note. Among the decline of a point were Reading, St. L. Southwestern preferred, General Electric and Pressed Steel preferred.

Bonds were firmer at noon. Stocks in which the offerings were in any way considerable went on readily a point each. Delaware & Hudson lost its advance. On the other hand Consolidated Gas recovered all of its morning decline. When Consolidated Gas recovered its advance, the market was again quiet. Stocks which had been subject to pressure began to pick up again, but the recovery was speedily wiped out when an abrupt selling movement commenced. Consolidated Gas, which had lost a point above yesterday's close, dropped 2. Amalgamated lost 2. St. Paul, Wabash preferred and Smelting 1.

## LIVESTOCK.

### OMAHA.

Omaha, March 2.—Cattle—Receipts, 2,000; market steady, steady, lower. Native steers, 4.00 @ 4.50; cows and heifers 3.50 @ 4.00; calves 3.00 @ 3.50; stockers and feeders, 3.00 @ 3.50; bulls and stags, 2.50 @ 3.00. Hogs—Receipts, 9,000; market 50 cents lower. Heavy, 5.75 @ 5.95; mixed, 5.50 @ 5.75; light, 5.25 @ 5.50; pigs, 5.00 @ 5.25. Sheep—Receipts, 2,500; market best steady; others lower. Yearlings, 5.00 @ 5.25; ewes, 4.50 @ 4.75; lambs, 4.25 @ 4.50.

### KANSAS CITY.

Kansas City, March 2.—Cattle—Receipts, 2,000; market steady. Native steers,