

MINING, BUSINESS AND STOCKS

WORK ON THE TINTIC SMELTER

Construction of Plant is Being Pushed Ahead as Rapidly As Possible.

SAYS "UNCLE" JESSE KNIGHT.

Will Be Ready for Business in April—Iron Blossom and Other Mines.

Uncle Jesse Knight is up from Provo today on mining business. When asked regarding the progress being made with the construction of the new Tintic smelter he stated that everything is being pushed ahead as rapidly as possible and that there is every reason to believe that the plant will be ready for commission sometime during the latter part of April.

"Practically all the material and equipment is on the ground. About the only thing lacking," said he, "is the transformers for which the plant is to be supplied with electrical power and they have been ordered. The railroad which is to connect the various mines of the district with the smelter has been completed as far as the Colorado mine and the balance of the line will be finished in the near future. At any rate the entire system will be ready well in advance of the date for the blowing in of the furnaces at the smelter."

Relative to the work going on at the several mines in the Tintic district operated under his direction Mr. Knight gave it out that there is nothing doing at the Colorado except in the new shaft which is to become the main workings of the property. At the Iron Blossom mine the shaft is down 500 feet and is being sunk deeper. In addition to this, a tunnel is being driven to give the mine convenient access to the railroad. It may be interesting news to the many shareholders of that corporation to know that the Iron Blossom contains a vast quantity of good iron ore right at the grass roots. The Colorado leading property is closed down at present.

At the Mountain Lake mine, just over the Wasatch range from Alta, work is going along very fast. The tunnel is being pushed on towards the contact where Mr. Knight anticipates on opening up some extensive ore bodies. Until this work is accomplished nothing will be done towards building the proposed tramway to Midway. Mr. Knight has abundant faith in the Mountain Lake property and considers it to be one of the best properties under his control.

ON MINING EXCHANGE.

Uncle Sam and Colorado the Leaders in Today's Trading.

The brokers had a good day of it on the Mining Exchange. Trading in the Tintic issues was brisk, with Uncle Sam Consolidated leading. The former went up to 66 cents and then back to 64, where it was at the close. Colorado sold up to 32.50 and then down to 32.40, where it closed. The business in the 31 and 35. Seven Througs dropped back to 39 cents. Ohio Copper displayed considerable strength on the open board and was in good demand at the close. Closing quotations and sales were:

UNLISTED STOCKS.	
Silver K. Coalition...	3.95
Mason Valley...	1.25
Consolidated Copper...	1.10
Western Pacific...	.03
Ohio Copper...	3.85
Western Nevada Cop...	.41
Demijohn...	.044

A. M. LISTED STOCKS.

	Bid.	Asked.
Albion	50	50
Alice	25 1/2	26
Ajax	1.50	2.25
Bullion Beck	1.50	2.25
Carissa	1.15	2.22
Crescent	1.10	2.25
Con. Mercu	1.00	2.00
Daily	1.50	2.30
Daily Judge	4.00	4.75
Daily West	9.00	10.00
Eagle's Nest	2.00	2.00
Eagle & Blue Bell	2.00	2.00
Grand Central	2.77 1/2	2.80
Horn Silver	2.00	2.00
Indian Queen	4.00	4.75
Little Bell	1.60	2.00
Lower Mammoth	.51	.52
Mammoth	1.95	2.25
May Day	.33	.34
Nevada Hills	3.25	3.50
Nevada Fairview	.05 1/2	.08
Ontario	3.50	
Sacramento	.07 1/2	
Silver Shield	.10	.10
Swansea	.14	.17
South Swansea	.14	.17
Uncle Sam Con.	.65	.67
Victoria	.95	1.00
Bingham Amal.	.23	25 1/2
Benton Con.	15.00	
Butter Liberal	.64	.66
Black Jack	.34 1/2	.35
Century	.12	.20
Colorado Mining	2.15	2.57 1/2
Crown Point	.16 1/2	.17
Ermald	.02 1/2	.03
Ingot	.11	.14
Ilex	.11	.14
Iron Blossom	.31 1/2	.32

JERRY MONEY.

In New York means that good stocks will go up, and finally reach normal prices. We have advised holders of preferred stock in Utah-Idaho Sugar Co. not to sell. But if they need money and must sell to come to us. In three weeks the stock has risen sixty cents per share.

THERE IS A REASON.

If you wish to buy the sooner you send us your order the better. The stock pays 1 1/2% per share every quarter. Prompt attention given to orders the day received. With your order send checks or postal money orders for amount you wish to buy.

GEORGE M. CANNON CO.
Room 212-23 Temple Bldg.
Phone Bell 57.

This Morning's Metals.

SILVER, per ounce,	55 1/2
COPPER (casting) per lb.	13 1/2
COPPER (electrodes) lb.	12 1/2
LEAD,	3.75

NEW YORK QUOTATIONS.

LEAD, dull,	3.70 @ 3.75
COPPER, quiet,	13 1/2 @ 13 3/4

Inyo	.08
Joe Bowers	.01
Lead King	.00 1/2
Little Chief	.05
Mountain Lake	.10
New York	.19 1/2
Scottish Chief	.02
South Columbia	.67
Sioux Con.	.15 1/2
Tetania	.05 1/2
Utah-Michigan	.13
Victor Con.	.07 1/2
Wabash	.93
Yankee Con.	.34 1/2

REGULAR CALL SALES.

Ajax, 90 at 26.	
Grand Central, 100 at 2.80.	
Lower Mammoth, 300 at 51.	
Nevada Hills, 100 at 3.27 1/2; 10 at 3.30.	
South Swansea, 200 at 14.	
Uncle Sam Con., 400 at 64; 1,000 at 65; 1,500 at 67; buyer 60; 300 at 66, seller 60.	
Black Jack, 600 at 34; 1,000 at 34 1/2; seller 30, 400 at 33.	
Colorado, 100 at 2.57 1/2.	
Crown Point, 300 at 10 1/2; 1,000 at 17; buyer 30.	
Iron Blossom, 500 at 31 1/2; 500 at 32.	
Ilex Gold Mountain, 500 at 12.	
Little Chief, 1,000 at 90.	
Mountain Lake, 1,000 at 38; seller 60; 500 at 36; 2,000 at 35 1/2; seller 60; 1,000 at 37; seller 60.	
Nevada Hills, 3,000 at 19; 6,000 at 20 at 67.	
South Columbia Con., 200 at 68; 300 at 67.	
Sioux Con., 200 at 16.	
Seven Througs, 100 at 42; 1,000 at 41; buyer 60; 2,000 at 40; 30 at 40, buyer 30; 700 at 32 1/2; 400 at 29.	
Tetrah, 300 at 3; 1,000 at 23 1/2.	
Yankee Con., 100 at 35.	

OPEN BOARD SALES.

Ajax, 500 at 25 1/2.	
Colorado, 100 at 2.55; 200 at 2.50; 400 at 2.50; seller 50; 100 at 2.50; seller 50; 200 at 2.75; seller 30; 100 at 2.75.	
Uncle Sam, 500 at 32; buyer 60; 300 at 31 1/2.	
Indian Queen, 1,000 at 9.	
Nev. Hills, 1,200 at 37.	
Mountain Lake, 300 at 36 1/2; seller 60; 500 at 37; seller 60.	
Nev. Hills, 325 at 3.25.	
New York, 1,000 at 20.	
Victor, 2,000 at 74.	

RECAPITULATION.

	Shares.	Value.
Regular call	11,312.00	\$11,312.00
Open board	16,825	12,354.25
Forenoon totals	51,775	\$23,727.25

P. M. LISTED STOCKS.

	Bid.	Asked.
Albion	50	50
Alice	25 1/2	26
Ajax	1.50	2.25
Bullion Beck	1.50	2.25
Carissa	1.15	2.22
Crescent	1.10	2.25
Con. Mercu	1.00	2.00
Daily	1.50	2.30
Daily Judge	4.00	4.75
Daily West	9.00	10.00
Eagle's Nest	2.00	2.00
Eagle & Blue Bell	2.00	2.00
Grand Central	2.77 1/2	2.80
Gaena	.02	
Horn Silver	2.00	2.00
Indian Queen	4.00	4.75
Little Bell	1.60	2.00
Lower Mammoth	.50	.51
Mammoth	2.00	2.20
Nevada Hills	3.25	3.44
Nevada Fairview	.05	.07 1/2
Ontario	3.50	
Sacramento	.06	
Silver Shield	.10	
Swansea	.14	.17
South Swansea	.14	.17
Uncle Sam Con.	.64	.65
Victoria	.95	1.00
Bingham Amal.	.23	25 1/2
Butter Liberal	.64	.66
Black Jack	.34	.35
Century	.12	.20
Colorado Mining	2.15	2.52 1/2
Crown Point	.16 1/2	.17
Ermald	.02 1/2	.03
Ingot	.11	.14
Ilex	.11	.14
Iron Blossom	.31 1/2	.32

REGULAR P. M. SALES.

Lower Mammoth, 300 at 51.	
May Day, 300 at 33 1/2; buyer 10; 100 at 33 1/2.	
Nevada Hills, 200 at 3.30.	
South Swansea, 100 at 15.	
Uncle Sam Con., 2,000 at 65; 200 at 65; seller 50; 50 at 65; seller 10; 1,000 at 65; buyer 30.	
Colorado, 100 at 63; 400 at 65; seller 60; 200 at 65; seller 30; 1,700 at 66.	
Black Jack, 100 at 35; seller 10; 3,000 at 34 1/2; 1,600 at 34.	
Colorado, 3,000 at 52 1/2; seller 60; 200 at 2.50; 200 at 2.50; seller 10.	
Crown Point, 200 at 17; 500 at 17; buyer 30.	
Mountain Lake, 500 at 37.	
Scottish Chief, 500 at 21.	
Sioux Con., 500 at 16; buyer 30; 100 at 15 1/2; 1,000 at 15.	
Seven Througs, 500 at 41; buyer 60; 500 at 40; 500 at 39 1/2; 1,000 at 40; buyer 60; 500 at 39; seller 30; 3,500 at 38 1/2; 300 at 38.	

NEW COPPER DISTRICT.

Line Mountain Country in Nevada Attracting Attention.

Oscar Graham recently returned from Line Mountain where he has completed the assessment work on a group of claims owned by Jake Eggers, says the Tuscarora News. He brought in some samples of the ledge on which he has been doing the work and they are the richest specimens of brown oxide of copper ever displayed in this northern section of the country. Mr. Graham states that the ledge has been opened up by a trench 20 feet long, 14 feet wide and 12 feet deep which is all in the same character of ore, conservative estimates of the value running from 60 to 80 per cent copper. No assays have been made. Line Mountain has long been considered as one of the greatest copper deposits in the west and from recent strikes made the assertion comes very near being correct. The greatest portion of the mountain is thickly interlaced with large veins of exceedingly high grade copper-laden silver ore, of which copper predominates, but enough lead, silver and a fraction of gold being in the rock to make it an ideal fluxing material. A few years ago Mr. Eggers was offered \$25,000 for this property but he refused it as he intends developing the property himself.

IN BOOK CLIFFS COAL REGIONS

United States Geological Survey Gives Out Report on Recent Investigations.

DEPOSITS COVER A VAST AREA

Coal Found in Almost Inexhaustible Quantity—Estimates on Tonnage.

The Book Cliffs coal field is part of an immense basin in western Colorado and eastern Utah around which the outcrop of coal-bearing rocks can be traced for more than 500 miles. On the southwest, from the vicinity of Mount Hildard, Utah, northward to Castlegate, the coal measures form the eastern escarpment of the Wasatch plateau. Thence they trend southeastward to Grand river, constituting in the Book Cliffs the southern rim of the Uinta basin. Beyond Grand river the coal measures continue eastward, forming the southern base of Grand Mesa and extending to the vicinity of Crested Butte. From that place the outcrop trends northward and, crossing Grand river again in the vicinity of Newcastle, continues northward along the Grand Hogback to the Danforth hills. Thence the coal measures turn westward and outcrop along the southern flank of the Uinta mountains. This great coal field has been but partially prospected and mines are in operation at only a few localities, but enough of the area has been explored to prove that it is one of the most important coal reserves of the Rocky mountains.

Coal has long been known to be present in the Book Cliffs. The geology of the region was first studied by Mr. A. C. Peale of the Hayden survey, in 1878. The field is mentioned by Mr. R. C. Hills in his report on the "Coal Fields of Colorado," and by Mr. L. S. Storer in his paper on the "Rocky Mountain Coal Fields." Mr. Arthur Lakes has also referred to part of the area and has described the Book Cliff mines. But the coal was not examined in detail until 1905, when Mr. J. A. Taff of the United States geological survey studied the western part of the field from the vicinity of Sunnyside to Castlegate, Utah, and its southern continuation along the escarpment of the Wasatch plateau.

In the summer of 1906 another party from the national survey, consisting of Messrs. G. B. Richardson, W. D. Neal, L. J. Pepperberg, and C. D. Perrin, made a reconnaissance survey of the eastern part of the Book Cliffs field from the point where Mr. Taff's work terminated to Grand river, Colo., and a brief report on this survey, prepared by Mr. Richardson, who was the geologist in charge, has just been published in bulletin No. 316, which forms part II of the United States geological survey's "Contributions to Economic Geology."

The more detailed report of which this is an abstract will soon be published. The Book Cliffs extend from Grand river, Colorado, to Helper, Utah, at the east edge of the Wasatch plateau. They occupy a belt from one mile to 10 miles wide, in which the elevation rises from 5,000 to 10,000 feet. A close estimate cannot be made of the total amount of coal available because of incomplete knowledge of the field. A rough approximation may be reached, however, by assuming that the practical limit of the field is six miles back from the outcrop and that the total thickness of the coal may be represented by a single bed 7 feet thick extending through coal one foot thick. The latter figure introduces an element of much uncertainty, inasmuch as the coals have not been continuously traced. But on the above basis the area contains about 1,000 square miles of coal land, 360 of which are in Colorado. A cubic foot of coal of 13 specific gravity weighs 81.25 pounds, and a square mile of such coal one foot thick contains 1,322,544 short tons. On the above assumption, therefore, the total amount is over 8,000,000 tons; deducting from this the amount of mining reserves about 5,000,000 tons, these figures are of little more value than to express the fact that the field contains an immense coal reserve.

LEAVES THE DEMIOHON.

Joseph S. Free Accepts Management of Another Piche Mine.

Joseph S. Free has resigned the position of general manager of the Piche mine, near Helper, Utah, and has accepted the management of another Piche mine, official announcement of which will be made within the next few days. The development of the Demiohoh property is going ahead steadily and with very little delay. The new manager, Free, says the mine bears every evidence of developing into a good producer.

TO INCREASE STOCK.

Yankee Con. to Absorb Mountain View Properties in Tintic.

The adjourned session of the Yankee Consolidated Mining company held yesterday afternoon turned out to be an important one. A resolution was passed to increase the capital stock of the corporation from 500,000 to 1,000,000 shares and authorizing the directors to proceed with the closing of the mine with the owners of the Mountainview and Lakeview groups, whereby the latter would become the property of the Yankee Consolidated Mining company, the new stock to go to the holders in compensation it being agreed, however, that the 500,000 contained in the treasury of the Mountainview company is to be turned over to the Yankee Consolidated. A few days ago the Yankee company's treasury contained approximately \$25,000 hence it will be seen, the consolidation of the properties has a sum in excess of \$50,000 to carry on the development with. John E. DuBois of DuBois, Pa., being the principal shareholder in the Mountainview, will receive the bulk of the new stock issue.

UNITED METALS SELLING.

Annual Meeting to Take Place in Jersey City Next Week.

(Pollock Special Wire) Boston, Jan. 29.—The annual meeting of the United Metals Selling company will be held next Wednesday in Jersey City. Nothing but routine business is looked for, although it is claimed that R. M. Stuart-Worley may be added to the directors, owing to his recent election as treasurer of the company.

BADGER BROS INDUSTRIAL DEPARTMENT.

WILL SELL

2 ACRES CLASS A UTAH MEXICAN RUBBER @ 1.65 5 SHARES BANK OF GARLAND \$100.00.

WILL BUY

Z. C. M. I. \$100.00. 10 CON. WAGON, PFD. \$107.00. 100 LEWISTON SUGAR 12.

BADGER BROS. BROKERS.

160 SOUTH MAIN STREET.

DIRECT

PRIVATE WIRES.

STOCKS, COTTON, GRAIN, ETC. BOSTON COTTONS. ALL MINING STOCKS.

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