

MINING, BUSINESS AND STOCKS

MR. ARENTZ OF NEVADA DOUGLAS

Consulting Engineer of Big Copper Company Comes in to Talk With Officers.

MINE IS LOOKING FINE.

Traction Train Starts This Week—The Power Transmission Line.

Samuel S. Arentz, consulting engineer of the Nevada Douglas Copper company arrived in the city yesterday afternoon and was in consultation with Manager Walter C. Orem and other officials of that organization during the day.

When asked to say something about the big copper property with which he has been closely associated since the organization of the above named organization, Mr. Arentz replied that he about the best way for him to express himself was that the mine is looking fine, in fact every day's work only adds to the conviction that the Nevada Douglas is going to become one of the greatest producers of copper metal in the world. "Of course," said Mr. Arentz, "we have been annoyed a great deal and at the present time it is almost impossible to get freight delivered owing to the fact that the railroad company is running very few freight trains due to the scarcity of coal. But as the warm weather will be coming on soon this condition should improve."

"Hereafter, the Nevada Douglas will receive freight at a point about three miles north of Wabasha, which has been placed upon the latest railroad map under the name of Umana. This will be the starting point of the traction road, leading to the mine, at a distance of about 15 miles. The traction engine ordered by the company some time ago is at this point ready for steam and will be placed in commission this week, or as soon as the supply of fuel oil arrives from California. The first freight to be taken into camp by the traction train will be a lot of three-inch pipe to be used in laying about 17,000 feet of water main and through which the camp will be supplied with water in the future."

"The completion of the power transmission line has been delayed on account of the heavy snow on what is known as Como flat. I understand it is four or five feet deep there, but I feel certain we will have the compressor plant installed and all connected for the operation of machine drills by May 1."

Mr. Arentz says the main tunnel has advanced into Douglas hill over 200 feet and the whole face is showing commercial ore. The sinking of the three-compartment shaft and which will be connected with the tunnel later on is in progress. It is now about 15 feet above the level of the water and through which the camp will be supplied with water in the future.

ON MINING EXCHANGE.

Grand Central the Feature of the Forenoon Transactions.

Grand Central furnished the feature of the forenoon calls of the Salt Lake Stock & Mining exchange. The regular session had scarcely closed when the report reached the pit that an important ruling had been made in the federal court in the now famous Mammoth-Grand Central suit and that again the Grand Central had won an advantage. This started brokers to buying Grand Central and the last sale recorded an advance over Saturday's closing of \$1 a share. Daily Judge opened weak and was a seller at \$11.25. There was no change in May Day. South Columbia Consolidated opened in good order, but the stock failed to hold its strength and closed on a sale of 200 shares at \$1.92. Seven Troughs was bought at 97. The closing quotations and sales were:

Stocks	Bid.	Asked.
Albion	8.75	8.85
Alice	8.75	8.85
Alex	2.85	2.90
Barilla Beck	1.25	2.50
Carroll	.55	.60
Creole	.05	.25
Con. Merced	.25	.35
Daily	2.50	2.55
Daily Judge	11.12 1/2	11.50
Daily West	18.31 1/2	21.50
Eagle & Blue Bell	.25	.35
Grand Central	3.50	4.10
Horn Silver	1.50	
Little Bell	5.75	6.25
Lowell Mammoth	2.30	2.45
May Day	.26	.26 1/2
Nevada Hills	3.60	3.95
Nov. Hills Pailview	.22	.25 1/2
Ontario	5.75	5.85
Silver King	19.75	22.00
Sacramento	.08 1/2	.09 1/2
Silver Shield	.12	.12 1/2
Star Consolidated	.20 1/2	.23 1/2
Swansea	.30	.35
South Swansea	.08	.09 1/2
Uncle Sam Con.	.42	.43
Victoria	2.85	3.20
Cutler Liberty	.10	.12
Black Jack	.32	.35
Cyclone	.37	.40
Century	.37	.40
Colorado Mining	2.17 1/2	2.20
Daiton	.18	.20
Emerald	.18	.20
Ingot	.05 1/2	.06
Little Chief	.14 1/2	.16
Mountain Lake	.89	.90
New York	.08	.10
Richmond Ana.	.10	.12
Seven Troughs	.95	.98
Scottish Chief	.05 1/2	.06 1/2
So. Columbia Con.	1.92 1/2	1.95
Tetro	.12	.13
Victor Con.	.12	.13
Wabash	.29	.40
Yellow Rose	.17	.17
Yankee	.40	.40

REGULAR CALL SALES.

Daily Judge, 300 at 11.25.
May Day, 3,500 at 25 1/2; 1,500 at 27.
Swansea, 500 at 30.
Ingot, 1,000 at 5 1/2.

We have been urging you to buy

TINTIC STOCKS

Our clients made 50 to 300 per cent profit in 1906 on them. During this year 'phone your orders to

CHILD, COLE & CO., BROKERS,

100 Atlas Block. Both 'phones No. 225.

Buy Tintic stock now for large profits during 1907.

Today's Metal Quotations.

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

SILVER	69
COPPER, Casting	24 1/2
COPPER, Cathodes	24 11 1/2
LEAD	6.00

NEW YORK QUOTATIONS.

LEAD, Steady	6.00@6.25
COPPER, Quiet	24.75@25.25

Mountain Lake, 500 at 90; 500 at 59.
Scottish Chief, 1,000 at 5.
South Columbia Con., 200 at 2.00; buyer 60; 100 at 1.95; 100 at 1.97 1/2; buyer 60; 200 at 1.92 1/2.
Yankee Con., 200 at 30 1/2; 1,500 at 30.

OPEN BOARD SALES.

Beck Tunnel, 100 at 17.75.
Columbus Con., 500 at 4.50.
Grand Central, 30 at 4.15; 100 at 4.20; 500 at 4.35; 100 at 4.35; 500 at 4.50; 1,000 at 4.60; 200 at 4.75; 500 at 5.00.
Ingot, 1,000 at 5 1/2.
Ind. Silver, 1,000 at 5.75.
Seven Troughs, 200 at 97.
Swansea, 300 at 30.

RECAPITULATION.

Shares	Value
Regular call	13,300 \$ 7,604.00
Open board	10,550 21,885.25

Forenoon totals 23,850 \$29,489.25

UNLISTED STOCK SALES.

Among the unlisted stocks traded in the city yesterday morning Standard Copper was again very active, 3,750 shares changing hands at from \$1.27 1/2 to \$1.30. Yerlington Ironsides made its first appearance and 1,300 shares sold at 25. Copper Glance was sold at 25 1/2, only 500 shares being sold at 23 1/2. One hundred and fifty shares of Western Nevada found a buyer at \$1.52 1/2, and Northern Light was wanted at 1c to 1 1/2c. For Newsouth \$17 was bid. Wheeler Gold was offered at 50 with no sales reported.

F. R. SNOW & CO., STOCK BROKERS.

22 Commercial Bldg. Both 'phones 1973

GEO. Q. CANNON ASSOCIATION.

BROKERS, 24 E. So. Temple. Both 'phones 910.

A. S. CAMPBELL.

Stock Broker, 216 D. F. Walker Bldg.

E. M. WEST & CO., STOCK BROKERS.

D. F. Walker Bldg. Tel. 165; res. 3510-X.

Cannon & Cannon, Mining Stock Brokers.

15 E. So. Temple. Ind. Tel. 231; Bell 281.

COPPER MOUNTAIN LEAD FIND.

COPPER RANCH BONDED.

Beaver County Property Will Be Developed by Coloradoans.

The property of the Copper Ranch Mining company in Beaver county has been bonded and leased to a Salt Lake and Colorado syndicate. Eighteen months time is given in which to make final payment on the purchase price, which is said to be \$75,000. In the meantime the property will undergo development. The persons holding the bond and under whose direction the property will be opened up are: E. H. Wilson of this city, John P. Compton of Colorado Springs, and R. N. Herzog of Denver.

The Copper Ranch company is organized by Gill S. Peyton, a former well known mining man of this city, and associates, who later disposed of a controlling interest to Ben T. Lloyd and several other Salt Lake mining men. Any more than to keep up the annual assessment work on the property, little has been done towards developing the ground for several years. The group consists of 17 local claims and the ground covers for a distance of nearly two miles. The property lies in the west, and the O. K. and Beaver, on the west, and the Old Hickory and Majestic on the east.

On the Jewell claim of the Copper Ranch group is an incline shaft which followed the dip of the vein a distance of 321 feet, at which point the vein became vertical. The shaft is already sunk 43 feet farther vertical, all in solid ore, the copper ore characteristic of the district, with from \$3 to \$5 gold values and four to six ounces in silver. It is the intention to continue the shaft downward and develop the ore bodies by drifting. The ore is in demand at the smelters on account of the excess of iron which it contains, which is from 8 to 25 per cent.

The Jewell mine was opened in the old days, when smelting charges were about three times what they now are, when the weight rate was about 100 pounds of copper for one ton of material. While its being a paying proposition at that time was problematical, there is no doubt that it is now. The shaft has been every confidence that they will make it one of the great mines of a district which is becoming famous for great mines. The shaft is already sunk 43 feet farther vertical, all in solid ore, the copper ore characteristic of the district, with from \$3 to \$5 gold values and four to six ounces in silver. It is the intention to continue the shaft downward and develop the ore bodies by drifting. The ore is in demand at the smelters on account of the excess of iron which it contains, which is from 8 to 25 per cent.

ROUND MOUNTAIN EXCHANGE.

The "News" acknowledges the receipt of a letter from M. D. Bailey, secretary of the Round Mountain, Nevada, mining stock exchange, which contains the information that next Saturday has been set as the date for the beginning of calls. The other officers of the exchange are: President, Louis D. Gordon; vice president, Henry J. Bartlett; treasurer, C. O. Olive. The governing committee consists of Dr. L. L. Brett, W. R. Gibson, Franklin B. Morse, Frank Dixon, A. T. Spencer, Louis D. Gordon, Henry J. Bartlett, M. D. Bailey, C. O. Olive.

PARK CITY SHIPMENTS.

Shipments of ore from Park City mines last week are reported as follows:

Daily Judge, 865,300 pounds; Daly Judge Middles, 131,600; Little Bell, 315,700; Silver King, 2,350,580; Daly West, 1,200,000; Ontario, 208,200. Total pounds, 5,067,580.

MAY BUILD A MILL.

The Park City Record was given a pretty straight "tip" this week to the effect that the new Bamberger interests intended in the very near future to commence work on the erection of a new mill near the sand piles on upper Main street for the purpose of working the tailings and extracting their values. The values in these would undoubtedly make them profitable, if the new system is used on them, and the new management of the Ontario is satisfied that they can make it pay big. The tailings were worked for awhile in the old Ontario mill, but the expense of hauling had to be added to the actual cost of treatment and after a few weeks the trial was given up. In the new plant would be used, no doubt, the new system is used on them, and the new management of the Ontario is satisfied that they can make it pay big. The tailings were worked for awhile in the old Ontario mill, but the expense of hauling had to be added to the actual cost of treatment and after a few weeks the trial was given up. In the new plant would be used, no doubt, the new system is used on them, and the new management of the Ontario is satisfied that they can make it pay big.

HERE SHOULD BE NO FUEL FAMINE

United States Geological Survey Gives Out Information About Wyoming Coal Deposits.

THOSE IN UTAH COUNTY.

Government Officials Have Made Investigation and Find That They Cover Large Area.

The United States geological survey has issued a bulletin giving some interesting data relative to the coal deposits of Utah county, Wyoming. At present these coals are scarcely known north of Kemmerer, Wyoming, and are but little developed. In a few localities enough coal is taken from shallow pits to supply the rangers in the immediate vicinity. Outside of this local mining, no development work is carried on within the region. At present, Utah mines, Rock Springs, Wyoming, mines, and the mines in southern Utah county, Wyoming, supply coal to Idaho, Montana, Oregon, Washington, and California, while much of their coal and coke goes to the great smelters in the Salt Lake valley, to Anaconda and to Butte. The coal nearest to Butte is at Kemmerer, Diamondville, and Cumberland in southern Utah county, Wyoming.

Geologic study of this region and particularly of the coal formations is, therefore, of special economic interest. During the summer of 1906, investigation of the coals in central and northern Utah county, Wyoming, was continued by Mr. Alfred R. Schultz of the United States geological survey, who assisted Mr. A. C. Veatch in mapping the coals of southern Utah county during the summer of 1905. The same kind of work as that done south of Kemmerer, Wyoming, last season was extended northward, east of the Absaroka Ridge and the Salt River range to the base of the Gros Ventre mountains east of the Snake river, including all the region known as the Fontenelle hogbacks, Meridian Fold, and Pomeroy Basin.

The area examined lies between Green River and the Salt River mountains, north of Hams Fork, nearly three-fourths of a mile within the Yellowstone forest reserve. The total area actually surveyed and mapped embraces approximately 2,500 square miles. Of this area about two-thirds of the township have their exterior and subdivision lines run, while the remainder has not yet been subdivided. The coal-bearing formation immediately east of the Absaroka ridge and the Gros Ventre mountains, here composed of carboniferous rocks, are of the same geologic age as the Frontier formation of southern Utah county, and here as in that section, the coal-bearing formation is the principal coal-bearing formation. The beds lie in a synclinal trough, which is a northward continuation of the trough in the south of Kemmerer, Wyoming. Near the south extremity of this basin occurs a limited area of Adaville formation, similar to that west of Kemmerer, Wyoming, which is also coal-bearing.

Northwest of Thompson plateau a small fault that crosses from the Wyoming range to the Salt River range has slightly displaced the synclinal trough. North of this fault along the east side of the Salt River range, the beds dip from 30 to 50 degrees to the west until at Deadman's creek they become vertical. The synclinal trough bearing the two synclinal troughs that extend northward to the Snake river and are separated by a low anticlinal arch, the crest of which is composed of Jurassic beds.

South of the fault good coal seams were encountered on both arms of the synclinal trough, but north, only a few coal crops were seen, and the trough to the heavy layer covering along the east slope of the Salt River range that prevails in this region. Coal bearing rocks have been mentioned occurring along the east side of the Wyoming range, and have been traced to the Snake river. Several coal seams ranging in thickness from two to 20 feet were encountered and at least four distinct coal horizons located within the frontier formation. Here, as in the coal beds of the Salt River range, the work of prospecting, and the coal has been greatly handicapped by the heavy growth of timber and limited exposures of rocks.

The coal-bearing formation in the vicinity of Thompson plateau is of the same geologic age as the Adaville and Laramie coals west of Kemmerer, Wyoming. Several coal seams have been opened in various parts of this field of timber that conceals the coal outcrop from view, a considerable number of coal beds ranging from a few inches to 20 feet in thickness have been opened, and the coal taken from these pits resembles the bituminous coals of southern Utah county, Wyoming, which belong near the top of the group containing the best bituminous coals of the Rocky mountain region. Although the coal formation was not mapped north and west of the Snake river, it is believed that the coal horizons extended to the northwest for a considerable distance and probably cross the Wyoming state line south of Teton pass.

In the vicinity of Victor, Oasie and Hayden, Idaho, on the east slope of the Big Hole mountains, occurs a series of coal-bearing beds which contain a continuation of the coal formation south and east of Snake river. This series is known to contain seven closely parallel beds varying in thickness from two to 20 feet. The coal is of unusually high quality and makes a very desirable fuel for steam and domestic purposes. Laboratory

tests also show that it will make good coke. A topographic base map of this region, on a scale of one mile to one inch, with a contour interval of 100 feet is now being compiled from the field sheets and will show the location of all the houses, mines, roads, trails, section corners and fences observed during the season's work. This map will be a contribution to the complete report of this work which Mr. Schultz is now preparing. A preliminary report on the coal fields of southern Utah county, Wyoming, which will be of interest to those who wish to know more of the coals farther north, is contained in Bulletin 235, pages 331 to 353 inclusive, entitled "Contributions to Economic Geology for 1905" now being distributed. This bulletin may be obtained by applying to the director of the United States geological survey, Washington, D. C. A report on the coal and oil in southern Utah county, Wyoming, which is the result of work done by Messrs. Veatch and Schultz, during 1905, is now in print as professional paper No. 56, and will probably be ready for distribution about April 1, 1907.

Reasonable care and the right proportion of

HUSLER'S FLOUR!

make successful baking easy.

tests also show that it will make good

coke.

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GRAND CENTRAL CASE.

Judge Marshall Refuses to Have Case Retried in His Court.

An important decision was rendered today by Judge Marshall of the United States district court. It was in the celebrated suit of the Mammoth Mining company against the Grand Central Mining company of Colorado and the Grand Central Mining company of Utah. The issue was whether the Mammoth Mining company had the right to sue for the value of the coal and oil in southern Utah county, Wyoming, which is the result of work done by Messrs. Veatch and Schultz, during 1905, is now in print as professional paper No. 56, and will probably be ready for distribution about April 1, 1907.

The case has gone the rounds of the district courts, the supreme court of the state, and was then brought to the federal court. Today's ruling puts a stop to that procedure, and if any further attempt is made to bring the case into the federal court, it will have to be in the supreme court of the United States.

According to what follows, the court says: "The actual decision, however, by the amendment of the complaint, a bill in which it was asserted that the plaintiff here alleged as a basis for recovery, the Grand Central Mining company, the defendant to that litigation, took the position that such an amendment would present an entirely new and distinct cause of action, and that the court to deny leave to amend on that ground, and is thereby estopped to assert that the bill of the defendant which estopped its right to amend."

The ruling covers several typewritten pages and goes over the case thoroughly. COLUMBUS CON. SUE.

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Government Goes After Alta Mining Company Through the Courts.

The Columbus Consolidated Mining company is made defendant in a suit filed Saturday afternoon in the federal court, in which the United States is the plaintiff. The suit is brought for the purpose of ousting the defendant company from the possession of certain lands, alleged to be unsurveyed and belonging to the public domain. The complaint sets forth that the defendant company has strings of electric wires and pipe lines in Cottonwood canyon on the land claimed by the government, and in violation of the laws of the United States, and that the defendant company is enjoined from using or entering upon said lands, and that complainant receive as damages the sum of \$1,000, with interest.

PROMOTION FOR DALY.

Silver King Man to be General Manager of Keith-Kearns Mines.

Special Correspondence.

Park City, Feb. 4.—It is rumored in the mining circles here that M. J. Daly, at present assistant manager of the Silver King mine, will be promoted to the position of general manager of all the Utah and Nevada propositions operated under the direction of the Keith-Kearns group. It is said that George Blood, at one time foreman at the Marsac mill, is to take the place which Mr. Daly now holds.

NEW COMPANY FORMED.

Special Correspondence.

Brigham City, Feb. 2.—The Brigham City Copper Mining company filed its articles of incorporation last Tuesday. The company is incorporated for \$150,000. Fifty cents is the par value per share. The property is near the county seat of Brigham City, within the town of Alta. C. M. Petersen was chosen as president of the company, J. F. Petersen, vice president, Charles Anderson, secretary and treasurer, and J. F. McLaughlin as business manager.

CONCENTRATES.

Manager Hanchett of the Newhouse

mines is at the Cactus property in

Beaver county today.

The annual meeting of shareholders

of the Columbus Consolidated Mining

company is scheduled for tomorrow

afternoon at 2 o'clock.

A telephone has been put into the

Scranton mine in north Tintic, but in

stead of being used in the way of

Eureka it has been run in from Eureka.

The phone will be a great convenience

to the officers and employees of the company.—Eureka Reporter.

The annual meeting of the share

holders of the Ingot Mining company

will be held at the Ingot mine, north

of Eureka, on Saturday afternoon, Feb. 9.

Following the organization of the

board it is likely that an assessment

will be levied on the stock to provide

means for carrying on a campaign of

development.

At the Annandale or Opex property at

Mammoth no timber is being lost in

getting new machinery in position and

erecting the necessary buildings. Some

of the smaller buildings have already

been completed and the work on the

main shaft house and boiler room is

going on in a highly satisfactory manner.

—Eureka Reporter.

Messrs. Dietz and Keedy of the May

Day day concentrating plant state that

FOR SALE
Geo. M. Cannon Co.
512-13 TEMPLE BUILDING

City Real Estate.
Forest Dale Lots and
Commercial Stocks
And Bonds.
Phone Bell 57.

MARKET OPENS WITH DECLINE

New York, Feb. 4.—Speculation on the stock exchange began with a declining tendency to prices. Sales amounted to a moderate volume and were confined to stocks that have been recently absorbing the most attention. Great Northern preferred 1 1/2, Canadian Pacific 1 1/2, and St. Paul, Union Pacific, Atchafalpa, Pennsylvania, Reading, Amalgamated Copper and Smelter 1 1/2 to 2.

Further progress downward was made before the selling movement spent itself. Canadian Pacific was the severest sufferer and lost 2 points. When a rally started the market rose, slowly but ultimately got back to within a small fraction of last week's close.

The