



yet. The board of directors will be or-ganized and officers elected next week.

The board, it is said, will be made up of

DUBOIS IS ON TOP.

About Some Radical Changes.

were chosen:

Fowler.

secretary.

harmoniously.

Starting of Two Concentrating Mills Among the Important Events for This Week.

6

FORMER IN BINCHAM CAMP.

The Latter Will Reduce the Ores of the Stockton Mines-Both Plants are Modern and Expensive.

Probably the two chief events of the present week will be the starting of two large concentrating mills, one in the camp of Bingham and the other at the new town of Buhl, near Stockton.

The former plant has just been completed at a cost of more than \$200,000 by the Utah Copper company, of which D. C. Jackling is general manager. It starts off with capacity for the treatment of 500 tons of ore per day, but it is the intention of the company ultimately to double or treble this amount, thus making it one of the largest mills of its kind in the country.

Mr. Jackling has made the statement that the wheels will be set in motion within the next day or two for the pur-pose of limbering up the machinery and making the preliminary adjustments. Ore will be turned into the crushers the latter part of the week; probably

next Saturday. Superintendent Frank Janney advised Superintendent Frank Janney advised the manager several days before his ar-rival from Colorado that he had every-thing practically ready for the start and it has only been delayed on ac-count of a necessary spur of the rall-road to the mine not being completed. The operations of the Utah Copper will be watched with the keenest inter-est by those interested in Bingham, both at home and abcoad, for the mine is destined to become one of the mine is destined to become one of the state's greatest producers.

state's greatest producers. The initial run of the new mill will be witnessed by a number of officers and shareholders of the company. Pres-ident C. M. MacNeill and Secretary Spencer Penrose will be here, and ac-companying them will be C. C. Hamlin, manager of the Granite mine in Cripple Create: Luders K. P. Babbit: seneral Creek: Judge K. R. Babbitt, general counsel for the United States Reducing counsel for the United States Reducing & Refining company; J. D. Hawknis, general superintendent of the United States Reduction & Refining company's Colorado plants, and F. A. Gillispie, general cashier of the sams company. The equipment of the Utah's plant is modern in every respect. The bolier house, 30x100 feet in dimensions, con-tains four batteries of four bollers each, canable of supulying from 600 to 800

. The crushing department horse power. is contained in an apartment 26x44 feet in length and breadth, and 85 feet in height. The ore is delivered to the crushers by means of a belt conveyor from the crude ore bins, and is reduced to about three-quarters mesh on pass-ing through to Gates machines. After this, the ore is delivered to the fine crushing department, 160 feet away, by crushing department, too feet away, by means of another belt conveyor passing over the top of the building. Into this department the ore is successively re-duced to about 30 mesh by means of Gates rolls and Chillean mills. The size of the fine crushing department is 26x100 feet, and the height of the room is 60 feet. The ore next goes to the room containing the concentrating tables, 40 in number. This room is of large proportions, measuring 50x240 feet. After passing to the vanning machines in a room 24x240 feet, the product is ready to be dumped into the concentrate bins ready to be loaded into cars for shipment to the smelters. shipment to the smellers. The mill at Buhl, which was scheduled to go into commission today, was built by the Honerine Mining com-pany, at a cost of abaut \$100,000. It, too, is a modern plant and will handle an output of about 450 tons of ore per day. It will not be run at its full, capacity, however, until after the commission however, until after the completion of the great Honerine drain tunnel.



It is not believed that Senator W. A. Clark of Montana is interested in the enterprise. A few days ago a mining company was organized by Mr. Clark with a capital stock of \$10,000,000. Before Deciding to Build a Smelter President McIntyre of the Mam-"The organization of the Monarch company has not been completed as

moth Will Get Posted.

prominent men." Secy. Joseph Henshaw of the Royal INVESTIGATES ELLIS METHOD offices has been expecting information for several days as to the personnel of the onarch directorate, but had re-

ceived nothing from Senator A. B. Lewis, the promoter of the enterprise, up to a late hour today. It is not be-lieved locally that Senator W. A. Clark Of Volitilization - While Labratory Tests Have Been Successful Further Eviis identified with the new organization. dence of Practibillty is Wanted,

Blackbird Shareholders Have Brought Before deciding on building a smelter at the Mammoth maine in Tintic, As the annual meeting of the stock-President Samuel McIntyre is looking holders of the Blackbird Mining comcarefully into other processes. He has pany, held Saturday afternoon, those comprising the Dubois faction gained been making some investigation of the control and elected a board of directors suitable to that side. The following volitilization method in conjunction with the fume arrester invented and John E. Du bols, J. W. Russell, Dr. P. A. H. Franklin, Charles J. North, J. patented by Henry Rives Ellis, the well known metallurgist of this city. While Gambill, L. A. Amsden, Carl H. Mr. Ellis believes he has solved the probem of treating low grade ores of In the organization of the board, Mr. the character of which are abundant in Du Bois was made president; Mr. North, vice president, and Mr. Amsden, Tintic, yet his demonstrations have been confined entirely to his laboratory. The properties of the company in this Until he tries out his system on somestate are located in Copper Gulch, Beaver county, adjoining the great Cac-tus mine managed by Samuel Newthing like a commercial scale mining men are not going to get over enthus-

The meeting passed off very iastic. The tests made by Mr. Ellis have proven wonderfully satisfactory, The offices of the company were moved back to the former quarters in the McCornick bank building and will the results have been surprisingly good and many who have witnessed the demcamp with the Yankee Consolidated folks, onstrations believe as firmly as Mr. Ellis does that he has the right theory

The change in the board will prob-ably release Manager M. J. True, to whom much credit is due in bringing and if it proves successful when it comes to the handling of large bodies about some pleasing changes in the mine during his administration. Alof ore the method will have the effect though handicapped in many ways, largely for the lack of funds to carry of revolutionizing things. It is the intention of Mr. Ellis and

some others interested in his patent to erect at an early day a large furnace; the practicability of the method will be fully determined. Mr. McIntyre is waiting for the results, provided he isn't compelled to wait too long. The movement to bring the chlorina.

tion process into use at the Star Consolidated is also being watched with interest by the Mammoth's president. A well known Park City operator is

said to have been interesting himself in the Star's welfare and it has been largely through his efforts that experiments have been conducted quite recently.

left the city this morning, accompanied by the latter, for Farmington and vi-cinity. There are four persons in the party of visitors. Two of them are concealing their identity for the time CONCENTRATES. No metal quotations were reported today-Washington's birthday.



LOCAL MARKETS.

The local retail markets are very quiet today, and changes are few. Eastern eggs sell at 30 cents, and green onions are to be had at five cents. Sturgeon is plentiful again, and in general prices in the fish markets are easy. The following prices are obtaining today, in the rocal retail markets:

FARM PRODUCTS.

Straight shorts1.30

MEATS AND POULTRY.

Dressed beef, per pound121/2 to 200 Dressed pork, per pound.....15 to 17% Dressed Veal, per pound12½ to 17½ Dressed mutton, per pound.....8½ to 15c Dressed lamb, per pound 171/2 to 20c Lard Dressed hens, per pound.....18c and 20c Dressed springs, per pound...... 200 Dressed ducks, per pound...... 200 Turkeys..... 256

DAIRY PRODUCTS.

Butter, per pound 21 and 25

FRUITS AND VEGETABLES.

Parsnips, per peck Beets, per peck Calif. Cauliflower, per pound Bananas, per dozen Utah apples, per peck Potatoes, per bushel 85 Carrots, per peck Utah celery, one bunch..... Dili pickles, per quart Figs, California, package Figs washed, per pkg. Cranberries, two quarts Mixed nuts, two pounds Cabbage, 4 pounds for Rhubarb, two pounds Arbuckles coffee, 2 pkgs. Green onions, per pound....05



Time Table

In Effect Nov. 22

1903.

8:30 a.m.

9:10 a.m.

4:05 p.m.

····· 6:55 p.m.

ARRIVE.

From Ogden, Portland, Butte, San Francisco, Chicago, St. Louis, Omaha and Denver. From Ogden and intermediate points

rom Ogden, Cache Valley, and intermediate points

From Ogden, Chicago, St. Louis, Kansas City, Omaha, Denver and San Francisco From Ogden, Cache, Valley, St. Anthony, Portiand and San Francisco

DEPART.

D. E. BURLEY, G. P. & T. A.

D. S. SPENCER, A. G. P. & T. A.

City Ticket Office, 201 Main Street. Telephone 250.

DENVER PRID GRANDE

Current Time Table.

In effect Nov, 22nd, 1903.

LEAVE SALT LAKE CITY.

ARRIVE SALT LAKE CITY:

RID GRANDE WESTER

No. 10-For Bingham, Heber, Provo and Marysvalo No. 102-For Park City No. 6-For Denver and East. No. 5-For Ogreen and West. No. 1-For Ogreen and West. No. 2-For Denver and East. No. 8-For Perovo and Eureka No. 8-For Provo and Eureka No. 9-For Ogden and Local Points.

Few realize the labor and ingenuity required to keep open the highways across the American continent during the winter months. What with the immense snowdrifts, sometimes filling the gullies and canyons almost to the top, and the snowslides that thunder down the mountain sides, ripping out great sections of track, the life of the railroad man in the Rockies is not a dream of ease. Ordinary appliances are entirely inadequate to deal with the masses of snow that are piled upon the tracks. Since the invention of the rotary snowplow, however, the task has been somewhat easier. These powerful machines run with very great rapidity, throwing the snow over the tops of the surrounding pine trees. One of them is herewith shown after it had eaten its way through a drift left by a recent Rocky mountain storm.



At Gwalior, in central India, is a temple that dates from the remotest ages, the entrance to which is herewith shown. The interior is elaborate, and all of it is carved in the same manner as the doorway, out of the solid rock. There are many of these ancient temples in India, similar in construction to the one here illustrated. They show the remarkable zeal of the followers of the Brahman religion.



WILL RATIFY MARCH 23.

On That Date Consolidation With Illinois Company Will be Completed.

A special stockholders' meeting of the Raymond Mining company has been called for the 23rd day of March at which time the participants will consider, adopt, approve, etc., a consoli-dation of all the assets, property and effects of the Raymond Mining com-pany. The special call contains the following: pany, The following:

following: "The name of such consolidated com-pany shall be "The Raymond-Illinois Minling company,' and shall be organ-ized and incorporated at Salt Lake City and county, State of Utah, with a capital stock of \$400,000, divided into 400,000 shares of the face or par value of one dollar each; the stock of such consolidated company shall be allotted consolidated company shall be allotted and divided as follows, to wit: 150,000 shares of the capital stock thereof shall be allotted to said Illinois Gold Mining company, or its nominee or nominees and 250,000 shares of such capital stock shall be allotted to the Raymond Mining company or its nominee or nomi-nees. The directors of said consolidated company shall consist of five per-sons, two of whom shall be designated by the Illinois Gold Mining company and three by the Richmond Mining company, to hold office for the first year. The articles of incorporation of such consolidated company shall contain a provision that the capital stock thereof shall be assessable and that assessments thereon may be levied by the board of directors for the purpose of affording a working capital to carry on the mining operations of said company; to pay and discharge its debts and liabilities and to acquire, purchase and hold any property, real or personal, which the board of direc-tors of said company may deam ad tors of said company may deem advisable, such assessments to be levied and collected in the manner as may be prescribed by law."

THE MONARCH COMPANY.

Easterners Belleve Senntor Clark is Interested in New Concern.

A special to a New York publication from Portland, Me., after mentioning the organization of the Monarch Mine and Smelters corporation went on to

"It is understood that the company represents a consolidation of a large number of important mines in Utah and other states, and to a small extent it will be a competitor of the Ameri-can Smelting and Refining company. It is the purpose of the organization to erect large smelting works. The charter of the company enables it to engage in mining in all its branches.

"Many prominent corporations have accepted this state for their headquar-ters in place of New Jersey, on acccount

getting their names into print are W. S. Ravenscroft and J. W. Boil-

If the gentlemen are favorably impressed with the field the organization of another strong company will be an-nounced and without waiting for their neighbors at the Guffey-Galey well to make the first strike, will proceed to go to the deep. The party will return to the city this evening.

on his work, the showing made lately

is most gratifying. The board will meet tomorrow to con-

sider the appointment of a new mana-ger. Secy. Amsden did not care to ven-

ture a statement today as to who would be likely to receive the plum,

NOW IN THE FIELD.

Party of Visiting Pennfylvania Oil Men

Left for Farmington Regions Today.

The party of Pennsylvania oil men,

who came here at the instance of J. H. Bigger to look over the local oil fields,

being for reasons best known to themselves; their associates who do not ob-

TONOPAH-UTAH STRIKE.

Superintendent Caldwell Wires That He Has Made One.

Captain J. L. Justice, manager of the Tonopah-Utah mine, near Tonopah, has received the information from Superintendent Caldwell that what appears to be a very good strike has been made at that property. The latter wired that he had forwarded samples by express. Local officials are anxiously awaiting the arrival of the package and a letter from Mr. Caldwell giving further detalls.

CAPTAIN M'VICHIE HOME.

Says Minority of Eagle & Blue Bell

Sharenolders Will be Recognized.

Captain Duncan McVichle, manager of the Bingham Consolidated Mining company's properties, arrived from the east on schedule yesterday morning and was very busily engaged in looking through a great accumulation of cor-respondence this morning. The captain had little to add to what has already been published concerning the move-ments of the Bingham directors. At the recent gathering it was decided not to ignore the Eagle & Blue Bell minority stockholders, who made an appeal some time ago for representation on the board, so a place will be provided for W. A. Wilson, the choice of the latter, W. A. Wilson, the choice of the direct. President White of the Bingham com-pany will be here in a few days, when something of interest concerning the future of the Eagle & Blue Bell is

promised While the captain admitted that the matter of building lead furnaces had been under consideration by the direc-tors, he declared that no decision had

It is presumed locally that this very subject was discussed with the representatives of the American Smelting & Refining company while Captain Mc-

Vichie and other Bingham officials. By arranging for an exchange of ores with the American the necessity of going to the expense of lead furnaces would be removed.

Chainman May Resume.

been reached.

An Ely, Nev., paper says: A mort-gage and trust deed from the Chainman Mining & Electric company to H. C. Mandeville of Elmira, N. Y., was filed for record in the recorder's office of White Pine county last week. The document covers all the property of the Chainman company and includes 101 typewritten folios descriptive of the property of the Chainman company and property of the Chainman company and tive of the properfy and explanatory of the conditions upon which it is turned over to Mr. Mandeville, as trus-tee. The principal one, and the one of most interest to the people there, and to every stockholder in the company, is that which empowers him to issue bonds to the extent of \$100,000; pay off all indebtedness of the company, create a working fund and perform such other a working fund, and perform such other functions as may be beneficial to the best interests of all interested in the company. The document also assures ample protection to every legitimate investor

George Hatton, Stock Broker.

43 East Second South: commission charged, % of 1 per cent. Certificates sent by registered mall to out-of-town patrons. You pay no fee if you buy from or sell to me.

McCoy's livery stable for carriages and light livery, Telephone SI.

The best Typewriters and supplies at Breeden Office Supply Co., 62 West Second South.

M. J. Frirdman of Halley, Idaho, is in the city on a brief business trip. Work is to be started up vigorously on March 1, at the Black Diamond mine at Stockton.

J. R. Walker, J. B. Thompson and M. L. Effinger are Salt Lakeites now en route to Tonopah and Goldfield.

The J. I. C. mine at Park City has been closed down indefinitely. Steps will be taken to strengthen the com-pany's exchequer.

Today being a legal holiday there were no calls of the Mining Exchange. Business will be resumed tomorrow morning as usual. The railroads report heavy travel to Tonopah. This is largely on account of the recent sensational discoveries in the new camp of Goldfield.

Manager C. W. Whitley of the American Smelting and Refining company is expected to return from the east within the next 48 hours.

Frank H. Lathrop and Charles E. Hudson departed yesterday for the Tonopah-Belcher mine, near Tonopah, in which they are extensively interest-ed

Pay ore is reported to have been struck in the Copper Mountain group, located near Morgan, which is operat-ed by the Park City Co-operative Mining and Development company.

Frank B. Cook and Vivian P. Strange departed yesterday noon for Tonopah and the new camp of Goldheld. The gentlemen have gone for the purpose of making an inspection of the districts and to be on the lookout for bonanzas John E. Du Bols, the new president

of the Blackbird Copper company, and also connected with the Yankee Con-solidated will remain in the state long enough to make a thorough inspection of the propagtical to make a of the properties in which he is interested

The funeral of George Garnick, well known among the mining fraternity, took place yesterday afternoon from

the family residence, 1017 East This South street. The deceased was sup-erintendent of the May Day mine in Tintic and had been sick only a few days, his ailment being pneumonia.

Kent Fornsworth, formerly superintendent of the Beck mine, has taken a lease on the south end of the company's lease on the south end of the company's ground lying alongside the Centennial-Eureka, which he will prospect through the Moultoon tunnel. This is a portion of the Beek domain, which the Centen-nial-Eureka company' was reported as which is a portion to the company's source of the wishing to acquire .- Tintic Miner.

At a meeting of the directors of the At a meeting of the directors of the Ajax Mining company held on Satur-day afternoon W. F. Colton was chosen a director in the place of Henry M. Ryan, who became disqualified from serving on the board any longer for the reason that he is no longer a share-holder of record in the company. At the same meeting an assessment of 5 cents a share was levied. cents a share was levied.

At a special meeting of the stock-holders of the International Copper company, held on Saturday afternoon, a resolution was passed ratifying the action previously taken by the direc-tors of the company effecting a plan for consolidation with the Dirego-La for consolidation with the Dirego-La Sal Mining company. The properties of the corporations named are sliuated in the La Sal mining regions in eastern Utah. The consolidation will make a combination of 36 claims all told. The final datails in connection with the

combination of 36 claims all told. The final details in connection with the merger was left to a committee con-sisting of Senator Harden Bennion of Vernal, Judge A. C. Hatch of Heber, Samuel A. King, of Provo and Daniel H. Ferguson of this city, and to report to the respective interests before April 1, next. l, next.

Bad debts recorded with us are saved. The records won't come off till they pay. Merchants' Protective association, scientific collectors of bad debts. Top floor Commercial block. Francis G. Luke, General Manager. "Some people don't like us."

FISH.

 Steel head salmon, per pound
 17½

 Frozen salmon
 15e

 Hallbut, per pound
 15

 Striped bass per pound
 20

 Son bass
 20

Sturgeon Fresh cod White fish

Standards, per quart

WHOLESALE.

Following are the prices obtaining today, in the local wholesale markets, with grain stuffs threatening to raise higher any day, on account of the war in the orient:

FARM PRODUCTS.

 Wheat, per bushel.
 .90

 Corn, per 100 pounds
 1.30

 Corn, cracked, per 100 pounds
 1.35

 Montana oats, per 100 pounds
 1.45

 Barley, rolled, per 100 pounds
 2.10

 Flour, family, per 10 opounds
 2.10

 Flour, straight grade, 100 pounds
 2.10

 Flour, high patent, per 100 pounds
 2.10

 Straight shorts
 1.10

MEAT AND POULTRY.

Dressed beef, per pound 6 to 7c Dressed lamb, per pound 7½c Lard......15 Dressed hens, per pound......4 Lard.

DAIRY PRODUCTS

LIVESTOCK.

CHICAGO.

CHICAGO. Chicago, Feb. 22.-Cattle-Receipts, 22.-006; market steady, Good to prime steers, stockers and feeders, 2.3024.15; cows, 1.99 (94.00; heifers, 2.0024.5; canners, 1.6909 2.91; bulls, 2.0024.50; canves, 1.6909 2.92; bulls, 2.0024.50; canves, 1.6909 2.93; bulls, 2.0024.50; canvers, 1.6909 2.95; outperformer to the start steady. Mixed and butch-ers, 5.15025.40; Sheep-Receipts, 20,009; market steady to strong, Good to choice wethers, 4.003 4.00; fair to choice mixed, 3.0024.25; west-ern sheep, 4.2025.16; native lambs, 4.002 5.75; western lambs, 4.0026.00.

OMAHA.

South Omaha, Feb. 22,—Cattle—Receipts, 500; market steady. Native steers, 3.300 10; cows and helfers, 2.7503.70; canners, 7592.50; stockers and feeders, 2.7504.00; alves, 3.0025.50; bulls, stags, etc., 2.250

Hogs-Receipts, 7,000; market strong 5c. higher. Heavy, 5,30(35.40; mixed, 5,20(5.30; light, 4,50(35.30; pigs, 3,75(34.75; bulk of sales, 5,20(35.35; Sheen Heavy

sales, 5.2025, 35.
 Sheep-Receipts, 9,009; market strong, 10c. higher. Westerns, 4.5025, 25; wethers, 3.9054.50; ewes, 3.2594.25; common and stockers, 2.5092.90; lambs, 4.7596.00.

KANSAS CITY.

Kansas City, Feb. 22.—Cattle—Receipts, 9.000; market steady to lower. Native steers, 4.0005.75; native cows and heifers, 1.7564.25; stockers and feeders, 2.0004.25; bulls, 2.5003.75; calves, 3.0006.50; western steres, 3.0004.50; western cows, 2.000 4.40.

steres, 5.0024.50; weatern town, 1.004
 4.40.
 Hogs-Receipts, 7,000; market steady to lower. Bulk of sales, 5.2065.45; heavy, 5.4095.45; packers, 5.3063.45; pigs and lights, 5.1065.25;
 Sheep-Receipts, 5,000; market steady.
 Muttons, 3.7565.25; lambs, 5.0066.00; range wethers, 4.1564.50; ewes, 2.7563.20.

