

MINING, BUSINESS AND STOCKS

ASPHALTUM MINES NEAR DUCHESNE.

Some of the Methods Pursued in Mining Product Described by Prof. A. Lakes of Colorado.

ALSO DANCERS ATTACHED TO IT.

Mining and Transportation Costs \$21 To the Ton—Operators Realize Profits of \$30 or \$40.

The asphaltum deposits near Fort Duchesne and along the route surveyed for the Moffat railway from Denver furnish the subject for an interesting article as a contribution to the October number of Mines and Minerals, from the pen of Prof. Arthur Lakes.

He points out some of the dangers attached to the mining of the product and the methods which must necessarily be pursued to that direction. Prof. Lakes says: "The gilsonite or asphaltum vein near Fort Duchesne, is a most wonderful property, capable of enormous production. The vein is easily traceable for over two miles in its prospects and workings along it, also by the absence of vegetation along its course, which stretches across the prairie country like a dark pathway. It has been worked by trenching for half a mile in length, and to an average vertical depth of 90 feet. The workings are vertical and of sandstone walls, the vein being a white, wavy, remarkably pure asphalt or called gilsonite. The vein has been opened and worked in a crude way by trenching and undercutting, as shown in the accompanying photograph. A difficulty encountered in working the "blowing-in" of the new smelter. Work on the spur from the San Pedro's Frisco branch to the Old Hickory mine is being pushed rapidly.

FROM MAJESTIC MINES.

Acting Manager Kinnon in Consultation With Local Officers Today.

Mr. Kinnon, who arrived here this morning and was in consultation with Manager W. H. Alexander today.

Mr. Kinnon reports good headway being made with the preparations for the "blowing-in" of the new smelter.

Work on the spur from the San Pedro's

Frisco branch to the Old Hickory mine is being pushed rapidly.

Grand Deposit Developments.

Mr. C. Bassett, who visited Cherry Creek last week, says the Miner, reports rapid progress being made by the Grand Deposit Copper company at its new property. They have finished surveying and staking off for patents for a 10,000 foot pipe line which is to be utilized for conveying the water of Mineral creek to the mines. About a mile of automatic tramway is to be installed for taking ore from the mine to the smelter site. The company is at present getting out poles for transmitting electricity from the dynamo in the mines, which will be used for power and lighting purposes.

Superintendent McLean is a gentleman of advanced ideas and purposes putting up an icehouse and living house in the near future. He will not permit liquor to be sold on his company's grounds and is certainly the right man in the right place and being possessed of rare judgment of men and marked ability and extensive experience in his profession, there can be but one reason to his labors for the Grand Deposit company, and that is embraced in one word—success.

CONCENTRATES.

Two cars of Tetra ores are at the samplers today.

Seven cars of Tinic ores are reported at the T. & B. samplers today.

Frank H. Buhl departed for his home in Sharon, Pa., yesterday afternoon.

Manager H. C. Brownie of the St. Louis-Ontario mine, expects to leave for St. Louis in a few days.

Justice G. W. Bartsch has returned from a trip of inspection to the Sheba mine in Humboldt county, Nev.

During the month of September, 10,000 mine cars were taken out of the Daily-West mine at Park City.

M. J. Johnson and A. J. Bettles, managers of the Newhouse mines, are at the Cactus properties in Beaver county today.

Walter Harris of this city, has gone to Tonopah to take charge of the books of one of the large mining companies operating in that camp.

E. Abercrombie, one of the heavy stockholders in the Boston Consolidated and other Bingham mines, arrived from the east last night.

Samuel Newhouse is scheduled to arrive tomorrow and will be in attendance at the meeting of the Utah World's Fair commission on Monday.

The ore and bullion settlements reported late yesterday were as follows: Crude base, \$36.00; concentrates, \$36.60; crude bullion, \$41.00. Total, \$108,700.

John Hayes Hammond is reported to have arrived in Tonopah to conduct an examination of the properties of the Tonopah company.

An eight foot deposit of graphite is reported to have been opened up in the property of the Steamboat Mining company at Park City.

Developments are moving along satisfactorily at the Minotia mine in the city.

The management is very much encouraged over the outlook.

Advices from Oregon are to the effect that C. C. Higgins, formerly of this city, is meeting with good success with his mining venture in the southern part of that state.

Managing Director A. F. Holden of the United States Mining company and Manager R. H. Channing of the Utah Consolidated, are at the mouth of Bear river today staying the ducks.

Don McGuire, chief of the department of mines and metallurgy of the Utah World's Fair Exhibit, was in the city for a few hours yesterday afternoon, he called upon several mine managers during his stay in town.

Just why is not known, but the Farrell properties are not known. The company has been fencing in all of its property and admission is denied to non-callers. It is understood the mine shaft is down to a depth of 1,300 feet and although the company has uncovered some rich leads of ore, it is not known that they have yet found anything extensive.—Butte Miner.

The famous old Eureka and Excelsior mine, the pioneer producer of eastern Oregon has been rehabilitated.

Since the purchase of the property by Mr. Jonathan Bourne, of Portland, an expert, a good sized crew under Superintendent Thomas has been reopening the caved stopes. Two weeks ago while engaged in this work a column of remarkably rich ore was discovered. This is now being sacked for shipment. The E. & E. is thus again in the producing list.—Baker City Herald.

TODAY'S QUOTATIONS.

Stocks.	Bid.	Asked.
Alice.	12½	12½
Ajax.	15¼	16½
Bullion-Beck.	1 10	2 25
Carico.	15¼	15½
Con.	15	15
Con. Mercur.	1 04	1 05
Crook.	38	38
Daly.	2 08	2 50
Daly-Judge.	3 17½	9 47½
Daly-West.	33 00	32 25
Dexter.	3½	4 10
E. & B.	70	1 00
Gold.	8	8
Gold-Central.	3 80	3 97½
Horn Silver.	70	70
Ingot.	2	2½
Little Bell.	1 60	57
Lower Mammoth.	55½	57
May Day.	8½	8½
Mammoth.	1 03½	1 10
Northern Light.	¾	1 10
Petrie.	4 50	5 50
Black Ross.	10	15
Sacramento.	26½	37½
Showers Con.	25½	27½
Silver King.	71 00	71 00
Silver Shield.	11½	14
South Swansea.	7	7
Star Con.	33½	34
Sunshine.	9	9
Utah.	68	74
Uncle Sam Con.	23½	24
U. S. Mining Co.	17 87½	20½
Rocco-Homestake.	15½	50
California.	6	6
Central.	50	60
Euclid.	7½	15
La Reine.	32½	15
Little Chief.	21	21
Manhattan.	3½	3½
Marshall Washington.	3½	3½
New York.	20½	21½

THE FORD HOTEL.

COLUMBUS ORE WILL BRING \$3,000

A Forty-Ton Shipment Arrives at Samplers from Recent Strike Made in Alta Mine.

SUPT. JACOBSEN IN TOWN.

Hoist to be Installed in Howland Tunnel—Progress Being Made With New Electric Power Plant.

STOCKS DISPLAYED SOME ACTIVITY.

Offers to Buy Were Well Distributed All Over the Entire List.

PURCHASES ENCOURAGED BULLS

Room Traders Found Small Difficulty in Bidding Up Prices Because of Dullness of Market.

New York, Oct. 2—Dealers showed considerable activity and buying offers were well distributed throughout the list. Changes as a rule were limited to small fractional gains. The opening rise brought out considerable stock, which forced prices down a small fraction. The market then hardened gradually to a higher level than before. Gains in the western stocks, condensers, traction and amalgamated averaged about 5¢, but the United States Steel stocks were rather sluggish. Canadian Pacific advanced 1¢.

The Alta-Quincy, adjoining the Columbus on the south, has an energetic campaign of development under way. The new boarding house started some time ago, is completed and the employees will be comfortably housed during the winter.

On the Howland property, west of the Columbus, development work is in progress. The hoist from the Howland tunnel and in which a very fine iron was encountered sometime ago, has reached the depth of 75 feet. It has reached a point where holding the hand has become too tedious and a station is being put up preparatory to the installation of a hoist, which has been delivered to the mine.

The hoist will be operated by compressed air from a pump plant to be put in near the mouth of the Columbus tunnel and in which a very fine iron was encountered sometime ago, has reached the depth of 75 feet. It has reached a point where holding the hand has become too tedious and a station is being put up preparatory to the installation of a hoist, which has been delivered to the mine.

Room traders found little difficulty in bidding up prices in view of the dullness of the market. Purchasers by the short interest held out considerable money and encouraged the bulls to hold their ground. Paul Atchison, th Pacific, Reading, Louisville, New York Central, Manhattan and St. Louis, were in the lead in the best demand and improved a notch.

Professional operators continued to take profits after the initial rise of prices was made above yesterday's final. This selling was set aside for the benefit of amalgamated, which fell a sharp fraction and the ability of the market to take stocks, proved an immediate rally. Erie selected preferred, General Electric and Washburn preferred rose 3 points. Shieling

and the intake price of 100 tons of ore are digging the holes and setting the poles which will hold up the wire through which the electric current will pass. The wires will be strung to the mine as soon as possible; all other outdoor work will also be finished up hastily, the purpose being to get ahead of the approaching winter. The installation of the power plant, now in the course of construction, is about three miles down the canyon, and which is to be in operation not later than January.

Mr. Jacobson states that contractor J. J. Burke has the work on the plant under way; at the site of the power house a force of men is busy making the necessary arrangements.

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