

NEWS OF MINES AND MARKETS

DIAMOND MINE IN STATE OF OREGON

NEW YORK FIRM IS HELPING TO DEVELOP CLAIM, WHICH MAY PROVE A BONANZA.

BY ASSOCIATED PRESS. Portland, Jan. 12.—The fulfillment of the prophecy made 30 years ago by Professor Clayton, a geologist in the employ of the United States government, that some day diamond mines would be discovered in Oregon is at hand.

The mine is in the Blue mountain range 40 miles from Burns, the county seat of Harney county. There is no question of the quality and quantity of the precious gems, but there is a question as to their commercial value. The stones thus far discovered are generally too small for the trade. They are no larger than a small pin head. A few have been found that would sell for from \$30 to \$300, but they are rare.

Were diamonds malleable like gold, if there was any process known to science, by which the miniature stones could be welded together, then Harney county would no longer be known as the "cow county," and Oregon would rank with the diamond-producing regions of the earth.

The commercial value of the diamonds is now being determined by the great diamond firm of New York, Tiffany & Co., whose confidence in the new find is sufficient to warrant them in furnishing the capital for further development. They are co-operating with the local owners.

The diamonds are found in layers of volcanic ash. Geologists and mineralogists agree that the formation being the volcanic ash of ancient origin, is the same as that indigenous to South Africa, where the largest diamond mines in the world have been exploited. This is the formation that Professor Clayton referred to, when observing the geological conditions of Oregon in his official capacity 30 years ago. It is said to be the next to the oldest formation found on the North American continent, only that through which the St. Lawrence river runs, being older. The layers thus far mined yield only extremely small stones, but it is expected, and hoped that other layers will be discovered that bear the precious gems of commercial importance.

G. T. Kelly, a pioneer prospector of the Green Horn district, near Sumpter, seen at the Imperial hotel, confirmed the story. Mr. Kelly is an authority on gold mines, he having located the Psyche group, the Rockefeller group and the Don Juan mine in the Sumpter district.

ACCIDENTAL DISCOVERY OF COBALT IMPARTANT

Rare Metal Found in the Black Bird District, in Idaho, Where Copper Ores is of a Low Grade.

SPECIAL TO THE INTER MOUNTAIN. Boise, Idaho, Jan. 12.—A report of the accidental discovery of cobalt in samples of Lemhi county ores was recently published in the Statesman and other newspapers. The ore which revealed this rare metal to the practiced eye of an expert was from the Black Bird district, and it was displayed on account of its copper values.

The presence of cobalt and nickel in the copper ores of this camp had been discovered by local mining men before the report was published, but the importance of the minerals was not fully realized until very recently.

The sale of one group of claims in the district has revived interest in this camp, which had suffered from the effects of the slump in copper prices.

The Black Bird district has been extensively developed and very extensive ore bodies of copper and iron of rather low grade have been exposed. The margin of values was regarded as being below profitable working limits under the present conditions of transportation facilities, and the camp was in the list of dead camps when this discovery came as a spark of life.

The addition of cobalt and nickel values to the recognized copper, gold and silver values to the millions of tons of ore in this district gives Lemhi county a valuable asset. A quarter of a million dollars have been expended in development on the Black Bird mines, which were in idleness because there was no apparent margin of profit for any known scheme of reduction. It is now confidently asserted that this discovery has added 100 per cent to the value of millions of tons of ore, which is already locked out. It is claimed by those who are in a position to know that an average of 5 per cent nickel and 5 per cent cobalt exists in the great bodies of ore which are exposed in the old workings in this camp.

These values occur in a sulphide form and these minerals can be saved by simple methods of concentration. The nickel and cobalt occur in large zones of schist slate without the presence of iron in excessive quantities, which can be reduced by inexpensive machinery. A mining man who recently investigated this new mineral resource believes the markets of the world will be influenced by the excessive output of this district if the whole field is ever developed to its possible limits of production.

Special Grand Jury is ON ALLEGED CONSPIRACY Chicago Court Investigates Alleged Combine of Coal Dealers to Corner the Available Fuel.

BY ASSOCIATED PRESS. Chicago, Jan. 12.—The special grand jury which has been called to investigate the conditions responsible for the coal famine, continued today to hear evidence which the attorney general and the state's attorney have secured against the coal operators and big dealers.

Twenty-five coal men, some of them heads of wholesale firms and others chiefs in the councils of corporations operating mines, presented themselves at the criminal court building in answer to summonses and to tell what they may know of the "ring" which the Illinois Manufacturers' association charges.

Four to Eight Below. Peoria, Ill., Jan. 12.—After a severely cold day and night several thermometers in the suburbs and on the bluffs registered from 4 to 8 degrees below zero at 7 o'clock this morning.

ROCK-DRILLERS ARE INTERESTED

BIG CONTEST IS TO BE BEGUN DOWN IN EL PASO, TEXAS, WEDNESDAY TO LAST THREE DAYS.

Those who take an interest in rock drilling contests should watch the results of that sport which will take place at the mid-winter carnival to be held at El Paso, Tex., on January 15, 16 and 17.

The stone which is to be used by the drillers is the same as that used when the world's record was established. The stone is from the Gunnison quarry of Cripple Creek, Colo. The hammers must not exceed eight pounds in weight for double and four pounds for single. The contests for both doubles and singles will be for 15 minutes.

The drilling contests will be held under the auspices of the International Miners' association during the process of the mid-winter carnival. The drilling will begin at 1 o'clock on the afternoon of January 15. For the double drilling contest the first prize is \$1,000; the second, \$500, and the third, \$150. For the single-handed drilling the prizes are: First, \$250; second, \$100; third, \$50. The prizes are all in cash. In addition to the cash prize a silver loving cup, valued at \$200, is offered in the double drilling contest. The entrance fee is \$20 for the doubles and \$10 for the singles.

AUSTRALASIA FELT THE FORCE OF THE DEPRESSION

In the Price of Metals—Lack of Water and Other Unfavorable Conditions Made the Year a Poor One.

The Engineering and Mining Journal says that the past year was one of adversity in the mining industry. It says:

"The year 1902 will long be remembered as one of depression throughout Australasia, principally on account of the low price of metals and the prevailing drought. The latter has not only acted directly by forcing certain mining operations to cease temporarily for want of water, but also indirectly by its effect on the general prosperity of these states, for the wool clip is a failure and this year we will not have sufficient wheat for domestic consumption, as that export is out of the question. Other products are proportionately affected by the unfortunate climatic conditions. Mining legislation has not been such as to encourage outside capital to be invested here, and capitalists who would have otherwise spent money in these states have been driven elsewhere. Though the drought has forced many mine owners to reduce their output, and in some cases to close down for a time, where funds have been available, hands have been kept at development work, which has been pushed further forward than would otherwise have been the case, for there is a tendency in the smaller Australasian mines to live from hand to mouth. When mining conditions are once more favorable, no doubt these developments will make things go ahead. That the present depression is not on account of anything radically wrong with the mines themselves is indicated by the increased yield of gold in the principal states over that of last year, in spite of the drought and the fact that other mines are ready to recommence work as soon as the prices of copper, lead and silver rise, or they can get a sufficient supply of water."

"The quantity of copper produced in 1902 was 669,855,000 pounds, valued at \$78,630,453, as compared with 669,173,212 pounds, valued at \$87,300,515. The quantity of metallic copper imported during the 11 months ending November, 1902, was 86,458,478 pounds, valued at \$11,126,329, as compared with 68,886,696 pounds, valued at \$9,806,830 during the corresponding period of the previous year."

"The quantity of copper exported during the 11 months of 1902 amounted to 336,023,154 pounds, valued at \$41,179,887, as compared with 174,185,419 pounds, valued at \$28,554,028. The quantity of copper, re-exported amounted to 1,180,807 pounds, valued at \$1,548,441 in 1902, as compared with 12,553,686 pounds, valued at \$2,090,233 in 1901."

FEITO HAS A WIFE AND CHILDREN IN ARGENTINA

Monomaniac Who Fired Upon Carriage in Which Grandee Was Said to Be Riding Had Family to Think Of.

BY ASSOCIATED PRESS. Madrid, Jan. 12.—Feito, the monomaniac who on Saturday afternoon fired at a carriage in the royal procession in which the Duke of Sotomayor, the grand chamberlain, was supposed to be riding, which caused the circulation of reports that an attempt had been made on the life of King Alfonso, is shown by letters found upon him to have a wife and two children living in Buenos Ayres, Argentina. The Spanish government has telegraphed there for information regarding Feito's antecedents.

The police are searching for an anarchist named Pierreconti, who was recently expelled from Argentina and went to Barcelona, where all traces of him were lost.

WILLIE JOHNS TAKEN UP UPON A LARCENY CHARGE

Said to Have Been Caught Pilfering Candy From Confectioner's Stand—May Go to Reform School.

C. W. Brumer, who is proprietor of the confectionery store under Sutton's Broadway theater, this morning found a small boy in the act of stealing some chewing gum from his stand just outside the door, and running out he surprised and seized the urchin.

Mr. Brumer took the boy to the police station where he gave his name as Willie Johns. The charge of incorrigibility was entered against him on the jail blotter and later he was removed to the county jail to await trial.

Young Johns is one of a number of small boys who continually hangs about the theater, making a miserable for passers-by. He may be sent to the reform school.

Sleights Out in Mound City. St. Louis, Jan. 12.—At 5 o'clock this morning the temperature registered 3 degrees below zero, but by 8 o'clock the bright sunshine had raised the mercury to 10 degrees above. Two inches of snow has brought out sleights

HEAVY DEALINGS AT THE OPENING

RAILWAY STOCKS SHOW SIGNS OF A BEAR DRIVE—CLOSE IS MORE SLUGGISH IN STREET.

BY ASSOCIATED PRESS.

New York, Jan. 12.—There were heavy dealings in Reading, Atchison and Erie on running sales of 4,000 to 5,000 shares each. Elsewhere the dealings were on a moderate scale. A general selling movement developed after the opening, which had the appearance of a bear drive, encouraged by the signs of liquidation in Erie.

Losses in that stock, Reading, Missouri Pacific and the Pennsylvania group ranged up to 1 1/2 points, but most of the prominent railroad stocks fell nearly or quite a point. Industrials were less affected, but Tennessee Coal, United States Steel, North American and Western Union were weak. Sugar resisted the decline and later rose a point over Saturday and the whole market rallied a fraction and became dull.

The trading was listless and the recovery did not proceed far. The hardening tendency of foreign exchange and time money acted as a deterrent. Reading recovered to Saturday's level and some other stocks nearly so. Sugar fell back slightly and the early strength of Atchison was not fully revived.

Speculative bonds were weak and others firm at noon.

The movement was very sluggish, but mainly downward. Sugar was an exception and rose to the best. Other stocks were at the lowest. The Wabash lost 1 1/2 each and New York Central and Denver & Rio Grande and International Paper about a point each. Lackawanna lost its rise.

The market was in a semi-stagnant condition, with the exception of sharp advances in a few rarely active stocks. Kansas City Southern preferred rose over a point and Rubber preferred gained 3/8. Toledo, St. Louis & Western preferred lost 1/4.

New York Stocks.

(Reported by Coe Commission Company.)

New York, Jan. 12.—Following are the stock quotations for today:

	Open.	Close.
American Ice	12 1/2	10 3/4
do preferred	38 1/2	38 1/2
Amalgamated Copper	6 1/2	6 1/2
American Locomotive	29 1/2	29 1/2
Anaconda Mining Company	9 1/2	9 1/2
American Cotton Oil	45 1/4	45 1/4
Atchison, Topeka & Santa Fe	89 1/2	88 1/2
do preferred	109 1/2	109 1/2
American Lined Oil	17	17
Baltimore & Ohio	102 1/4	102 1/4
Brooklyn Rapid Transit	69 1/4	68 1/4
Canadian Pacific	137 1/4	136 1/4
C. C. & St. Louis	96 1/8	98
Con. Tobacco Co. prfd.	112 1/4	118
Chesapeake & Ohio	30 1/2	30 1/2
Chicago & Alton	35 1/2	35 1/2
Colorado Southern	31 1/4	30 1/2
Colorado Fuel & Iron	79 1/8	79 1/8
Chicago Great Western	28 1/2	28 1/2
Delaware & Hudson	17 1/2	17 1/2
Denver & Rio Grande	41 1/2	41 1/2
Erie	41 1/4	40
do first preferred	79 1/4	79
Great Northern preferred	20 1/2	20 1/2
Hocking Valley Railway	10 1/2	10 1/2
do preferred	97 1/4	97 1/4
Illinois Central	151 1/4	150
Iowa Central	46	47
Kansas City Southern	35 1/2	35 1/2
Louisville & Nashville	129	127 1/4
Lead	28	27 1/4
Leather	12 1/2	12 1/2
do preferred	86 1/2	86 1/2
Manhattan Consolidated	152 1/4	152 1/4
M. St. P. & S. Ste. Marie	75	75
Metropolitan Traction	141 1/2	141 1/2
Mexican Central	26 1/4	26 1/4
Mexican National	19 1/2	19 1/2
Missouri, Kansas & Texas	28 1/2	28 1/2
do preferred	62 1/2	61 1/2
Missouri Pacific	113 1/2	113 1/2
New York Central	155 1/2	153 1/2
Norfolk & Western	74 1/2	74 1/2
Northwestern	22 1/4	22 1/4
Ontario & Western	33 1/4	33 1/4
Pennsylvania Railway	156 1/4	155 1/4
People's Gas	104 1/2	104 1/2
Republic Iron & Steel	20 1/4	20 1/4
Reading	61 1/4	61 1/4
do 1st preferred	86	86
Rock Island	52 1/4	51 1/2
do preferred	84	83 1/2
Southern Railway	36 1/4	35 1/2
Southern Pacific	67 1/4	66 1/2
St. Louis & San Francisco	74	73 1/2
Smelter	46 1/2	46
Sugar Refinery	132 1/2	132 1/2
St. Paul	181 1/2	181 1/2
Tennessee Coal & Iron	62 1/2	62 1/2
Texas Pacific	42 1/4	41 1/2
Union Pacific	104 1/2	104 1/2
United States Steel	38	37 1/2
do preferred	89	88 1/2
Wabash	31 1/2	30
do preferred	46 1/4	45 1/4
Western Union	91 1/2	91 1/2
Wisconsin Central	27 1/2	27 1/2
do preferred	53 1/4	53 1/4
Money, 5 per cent.		
Total sales, \$31,300 shares.		

Salt Lake Stocks.

(Reported by Coe Commission Company.)

Salt Lake, Jan. 12.—The noon prices follows:

Ajax	43 1/2
Consolidated Mercantile	1 1/2
Carls	17 1/2
Century	90
California	27 1/2
Daly west	42
Bowers	62
LaReine	24 1/2
Lower Mammoth	70
Mammoth	170
May Day	17 1/2
Ontario	500
Petro	10
Star	10 1/2
Utah	56
Victor	49
Yankee	43 1/2
New York	10 40
Sacramento	30
Wabash	44
Ben Butler	68 1/2
Creole	61
E. B. & B.	230
Grand Central	70
Martha Washington	53 1/2
Silver Shield	93 1/2
United States	22 00

Chicago Livestock.

(Reported by Coe Commission Company.)

Chicago, Jan. 12.—Receipts, 9,000

head; market 10¢ to 15¢ lower; good to prime steers, \$5.25@6.40; poor to medium, \$3.25@5.00; stockers and feeders, \$3.00@4.50; cows, \$1.25@4.50; heifers, \$2.25@3.25; canners, \$1.25@2.50; bulls, \$2.00@4.40; calves, \$3.50@8.00; Texas fed steers, \$3.75@4.85; Western steers, \$3.00.
Hogs—Receipts today, 30,000 head; left over, 3,000 head; market 10¢ higher; mixed and butchers, \$6.25@6.60; good to choice heavy, \$6.60@6.85; rough heavy, \$6.25@6.50; light, \$5.95@6.30; bulk of sales, \$6.30@6.55.
Sheep—Receipts, 33,000 head; market steady; good to choice wethers, \$4.25@4.75; fair to choice mixed, \$3.25@4.25; Western sheep, \$4.00@6.00; native lambs, \$3.00@6.50.

Kansas City Livestock.

BY ASSOCIATED PRESS.

Kansas City, Jan. 12.—Cattle—Receipts, 10,000 head including 1,200 Texans. Market, weak to 10¢ lower. Native steers, \$3.50@6.25; Texas and Indian steers, \$3.25@4.15; Texas cows, \$2.25@3.00; native cows and heifers, \$2.25@3.00; stockers and feeders, \$1.50@3.20; bulls, \$3.25@4.25; calves, \$2.60@4.00.

Hogs—Receipts 6,000 head. Market, strong to 10¢ higher. Bulk of sales, \$6.30@6.50; heavy, \$6.35@6.60; packers, \$6.20@6.40; medium, \$6.30@6.50; mixed, \$6.05@6.30; light, \$6.25@6.50; Yorkers, \$5.80@6.10.

Sheep—Receipts, 3,000 head. Market, steady. Muttons, \$3.00@4.10; lambs, \$3.60@4.25; range wethers, \$3.00@4.60; ewes, \$3.00@4.20.

Omaha Livestock.

BY ASSOCIATED PRESS.

South Omaha, Jan. 12.—Cattle—Receipts, 3,500 head; market steady; native steers, \$3.25@5.75; cows and heifers, \$3.00@4.25; canners, \$1.95@2.75; stockers and feeders, \$2.75@4.40; calves, \$4.00@6.25; bulls, stags, etc., \$2.25@4.25.

Hogs—Receipts, 4,500 head; market 5¢ to 10¢ higher; heavy, \$6.50@6.60; mixed, \$6.45@6.50; light, \$6.30@6.50; pigs, \$5.35@6.25; bulk of sales, \$6.45@6.55.

Sheep—Receipts, 4,000 head; market steady; fed muttons, \$4.25@4.65; wethers, \$3.80@4.50; ewes, \$2.50@4.00; common and stockers, \$1.25@3.25; lambs, \$4.50@5.50.

COPPER MINING QUOTATIONS

(Reported by Coe Commission Company.)

Boston, Mass., Jan. 12.—The copper mining shares closed today as follows:

Osceola	- - - - - \$ 61.00
Parrot	- - - - - 27.50
Mohawk	- - - - - 44.50
Daly West	- - - - - 43.00
Tamarack	- - - - - 153.00
Utah Con	- - - - - 23.75
Shannon	- - - - - 11.50
Centennial	- - - - - 23.00
Trinity	- - - - - 11.25
Copper Range	- - - - - 65.25
U. S. Mining	- - - - - 22.50

New York Copper.

BY ASSOCIATED PRESS.

New York, Jan. 12.—Lead quiet, \$4.12 1/2; copper quiet, \$12.37 1/2; nominal.

St. Louis Wool

BY ASSOCIATED PRESS.

St. Louis, Jan. 12.—Wool unchanged.

Chicago Wheat

BY ASSOCIATED PRESS.

Chicago, Jan. 12.—May wheat opened 1 1/2¢ to 1/4¢ lower, at 76 1/2¢ to 76 1/4¢; sold to 76 1/2¢ and fell to 76 1/4¢.

In Utah Legislature.

BY ASSOCIATED PRESS.

Salt Lake, Jan. 12.—The fifth biennial session of the Utah legislature met at 12 o'clock noon today. Beyond electing officers and organizing for the coming session nothing was done in either house and adjournment was taken until 2 p. m. tomorrow, when Governor Wells' message will be read.

And Fuel is Scarce.

BY ASSOCIATED PRESS.

St. Paul, Jan. 12.—One degree below zero was the warmest reported here Sunday, and last night it went down to 7 below. Moorhead reports a minimum of



A Few Words to Men

Who May Be in Need of Our Services.

It may interest quite a number of readers to know the reason why we have such a high standing as specialists among regular physicians and the public generally.

1st—Many years of the most painstaking efforts in the study and practice along the line of which we make a specialty—Disorders of Men.

2d—An earnest desire to cure quickly and permanently every man who places his case in our hands—not only from a sense of duty and a humanitarian point of view, but because it does and always has paid us to do so.

3d—Complete apparatus and general equipment, regardless of cost.

4th—Remedies that cause no injurious effects during or after a cure.

5th—Frankness. If we cannot cure a man we will not undertake his case. This not only makes us many friends, but creates no enemies.

6th—Operations. We perform operations when necessary only. If the patient cannot be cured permanently without an operation we so inform him at once. For example, a severe case of varicocele cannot be cured without an operation. If you pay for a cure without it you are throwing your money away and wasting valuable time.

Contracted Disorders

Every case of contracted disease we treat is thoroughly cured. When we pronounce a case cured there is not a particle of infection or inflammation remaining, and there is not the slightest danger that the disease will return in its original form or work its way into the general system.

We Also Cure Varicocele, Hydrocele, Stricture, Piles, Etc. Consultation and Advice Free, at Office or by Mail.

Our pamphlet, "Live the Rest of Your Life a Man," is both interesting and instructive. Mailed free if you write.

Yellek Medical Institute

N. E. Cor. West Broadway and Montana Sts., Butte, Montana

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