

# Mines and Mining.

## YIELDED LARGELY

**MINES OF THE TRANSVAAL ARE NOT MERE TOYS.**

## ORE WILL LAST 25 YEARS

**Of the Enormous Output of the First Eight Months of 1898 About 71 Per Cent Came From the Central Section.**

During the eight months ending in August, 1898, subsequent to which the outbreak of the war interfered with the mines of the Transvaal of South Africa, produced £12,485,032, at which rate the year's production would have been ostensibly £18,727,548, but by means of the progressive monthly production shown it would have actually amounted to twenty millions sterling or over one hundred million dollars.

Of this enormous output 71 per cent was obtained from what is known as the central section, extending a mile and a half west and about eight miles east of Johannesburg, while 24 per cent was derived from the deep level properties within that section. The total gold production of the Witwatersrand was 25 1/2 per cent of that of the entire world.

The output of gold which may be reasonably expected for the coming few years has been carefully estimated by mining engineers intimately acquainted with the resources of the South African auriferous plane.

**Will Last 25 Years.**  
As has been the case in the past, the rate of production will be steadily increased and it will take some 25 years to exhaust this astonishingly productive region.

There is now estimated to be in all the Witwatersrand some £800,000,000 worth of gold, a quantity equal to nearly three-quarters of the entire supply of mined gold existing in the world in 1890, which according to Mulhall was £1,235,000,000; the total gold production of the world for 306 years, dating from the discovery of America to the year 1888 having been £1,602,000,000, the balance having been lost in various ways, in shipwrecks or else converted into jewelry, plate, etc.

**Increase Will Be Great.**  
By the increase of crushing plants and the development of deep level seams it is expected that for three or four years

following the resumption of work in the Rand mines the output may reach the enormous amount of £25,000,000 annually. Even with the possibility of some of the large companies finding it unprofitable to develop their mines further, it is estimated that the increase due to greater exploitation of the deep levels and known reefs will keep the annual output on a continual increase.

In spite of the overestimate of properties that has been made in many instances, where the payable ore was not of such extent as had been estimated there has been a remarkably even general grade of ore maintained since the discovery of the gold fields.

In the deep level areas the result obtained has been so satisfactory as to inspire the belief that some of the deepest mines in the world will be located here. A depth of 6000 feet, or considerably over a statute mile, is talked of, engineers having already satisfied themselves that payable ore can be found at a depth of 1000 feet.

**Conditions Were Favorable.**  
The conditions of mining in the Transvaal are certainly most favorable to mining at a great depth. In the first place, the dryness of the soil precludes the probability of any great influx of water, while in regard to temperature the territory is exceptionally favored, the increment, according to increased depth, as far as ascertained, being exceptionally low.

In the case of the Robinson deep mine, it is about 11 degrees Fahrenheit for 212 feet of vertical depth. With the exception of the additional costs of haulage, pumping and ventilation there are no factors operating against mining on the Rand to a depth of 8000 feet, or over a mile and a half in depth. Nor will the cost of operating at such a great depth materially affect the operations. The results of actual operations thus far have justified all these assumptions. For every mile in length along the course of the reefs down to a vertical depth of 1000 feet for the dip of these reefs it is estimated that gold to the value of about £10,000,000 will be extracted.

**Crime to Strike.**  
(By Associated Press.)  
Rome, Jan. 31.—The official journal announces tonight that the government will class a railway strike as a strike of public servants, punishable under the penal code. The government, however, will seek concessions for workmen.

**Smallpox Spreading.**  
(By Associated Press.)  
London, Jan. 31.—Owing to the spread of smallpox the various government departments have issued instructions which will result in the revaccination of practically all government employes.

# NOT CLOSED DOWN

## BUTTE OIL COMPANY IS STILL BORING INTO THE EARTH.

## NO INTENTION OF STOPPING

## A Second Well Will Be Put Down—Drill on No. 1 Now Passing Through a Very Favorable Oil Shale.

Eugene Carroll, president of the Butte Oil company, the property of which is located in the Kintla lake district of Flathead county, was interviewed today in regard to the rumor now going the rounds of the state press to the effect that the company had suspended operations for the winter.

"You can say that the company has not shut down," said Mr. Carroll, "and does not intend to do so. Its operations are progressing with all of their old-time vigor and we propose to keep them going."

"The Butte Oil company was organized a little over a year ago by 30 business men of Butte," continued Mr. Carroll. "It bought machinery necessary for the work contemplated and sent J. O. Bender into the district to look after its interests."

"It was stocked for \$40,000, and during 1891 the corporation spent \$35,000 in getting machinery, building a wagon road 50 miles long and locating and representing 25,000 acres of land. In order to prosecute work this year the capital stock was later on, increased to \$100,000 and \$20,000 worth of the stock placed on the market. The company has not been trying to advertise its property or sell stock, but notwithstanding this fact a sufficient number of shares have been subscribed for to keep the work of development going. The shares not subscribed for are open to anybody who desires to purchase them at par value, the price at which all stock has been sold since the organization of the company."

**Has No Promoters of Stock.**  
"The company has had no promoters of stock; and every dollar's worth of stock taken has been paid for in cash and the proceeds put into the development of the property."  
"As I stated, the company owns 26,000 acres of land, which includes that surrounding the Upper and Lower Kintla lakes and a piece about 10 miles long adjacent to the south fork of the Flathead river. It has on its possessions three or four large oil seeps. This oil has been carefully analyzed and found to possess a paraffine base, which in plain words means that it can be refined into a first-class kerosene and benzine. The natural seepage is about the consistency of the oil found in the oil fields of Pennsylvania."

**Will Have Two Wells.**  
"The company has one well about 700 feet deep and is erecting a derrick and making other preparations to begin boring a second. Early spring will witness the commencement of the second hole."  
"The company is not doing its work blindly. Before operations were commenced Prof. Weed of the United States geological survey visited the fields and suggested the spots on which the boring is being done."

**In Good Shape Financially.**  
"As to the affairs of the company, I will say that the corporation is on a firm financial basis and has only a limited number of shares of stock for sale at this time; in fact it is issuing only a few shares from time to time to pay the expenses of operation, as it realizes that all of the shares will be worth many times their present value when oil is struck."

**Pipe Line a Possibility.**  
"The road built into the district will make it an easy matter to construct a pipe line to Belton on the Great Northern railroad when oil is struck."

**On the Ground First.**  
"There are numerous other companies advertising that they are doing business in the Kintla district, but our company believes it has the choice locations, as it was the first on the ground and was very careful in making its selections."

"J. O. Bender has been manager for the company since the inception of the organization. The last report from him, received only a day or two ago, was to the effect that the well now under way was being sunk with great rapidity and that the slate through which the drill was passing was a very favorable indication of the presence of oil not a great ways below."

**Can Sink 3000 Feet.**  
"The machinery in use is of sufficient capacity to enable the company to sink to a depth of 3000 feet, but the prospects for striking oil before that depth is attained are very flattering."

The directors of the company at present are Frank Klepeiko, D. J. Hennessy, T. M. Hodgins, John O'Rourke and Eugene Carroll, and the office is room 1 of the Lewisohn block, where samples of the oil and maps of the land are on exhibition.

## A LARGE INCREASE.

**Mines of British Columbia Very Profitable Last Year.**  
An approximate estimate of the mineral production of British Columbia in the year 1901, and a comparison with that of 1900 has been prepared by William F. Robertson, the provincial mineralogist. He says:

"Roughly speaking, the increase made in 1901 over 1900 is 25 per cent on gross value of output of the province. This will be a very agreeable surprise to many, as the circulation of reports giving a contrary impression has caused a very dependent view to be taken of the progress of the mining industry during 1901, which does not seem to be warranted by the facts."  
"There is an appreciable drop in the placer gold production, owing to the sudden melting of the snow last spring, causing freshets and leaving a shortage of water during the latter part of the season."  
"The tonnage of ore mined from the lode mines in the past year is about 871,832 tons, equal to an increase of 317,036 over the year 1900, a little more than 37 per cent."

"There has been a large increase in the out-

put of all the metals with the exception of lead, the low price obtainable in this province for lead ores having discouraged this class of mining, except where accompanied with good silver values.

"The gross value of the copper output increased 20 per cent over 1900, while lode gold has increased 36 per cent and silver 14 per cent."

The production of placer gold has decreased from \$1,278,724 to \$892,500; lode gold, increased from \$3,453,381 to \$4,704,200; silver increased from \$2,309,200 to \$2,624,002; copper increased from \$1,615,289 to \$4,951,098; lead decreased from \$2,691,887 to \$1,970,641; coal increased from \$4,318,785 to \$4,587,630; coke increased from \$425,745 to \$673,800; other materials increased from \$251,740 to \$309,020; a total increase from \$16,344,751 to \$20,714,501. The quantity of ore mined increased from 554,796 tons to 871,832 tons. About three-fourths of the increase came from the Boundary district.

## VANBRUNT NEWTON CRAZY.

**Worried Over Slight and Became a Raving Maniac.**

New York, Jan. 31.—Richard Vanbrunt Newton, better known in Brooklyn as "Dick" Newton, is confined in a padded room in the Long Island State Insane asylum at Flatbush, a maniac. Worry over the refusal of his former friends at Coney Island to recognize him, owing to his having turned state's witness against the late John V. McKane and others during the historical election frauds case when Cleveland was first elected president, is believed to be responsible for Newton's present condition.

He was dubbed an informer, which preyed upon his mind.

Newton was a lawyer of ability, but practically only a short time, giving all his attention to horse racing and other sports.

He was once a justice of the peace of Gravesend, and was once an assemblyman from the district.

## DEATH BY SUICIDE

**Suspected in the Case of a Young Woman Doctor.**

(By Associated Press.)  
Toledo, O., Jan. 31.—Dr. Agnes Gardiner, one of the brainiest assistants ever at the Toledo State Hospital for the Insane, was found dead in her room at the institution this evening.

Suicide is suspected as a result of a disappointment and the fear of dismissal. She was a most estimable young woman, about 25 years old.

The deceased was the daughter of Dr. William G. Gardiner of No. 1455 Erie street, and is a sister of John and Will Gardiner, the well-known amateur baseball and football players of the University of Pennsylvania.

## RUINED BY SPECULATION.

**Henry Brockert Has Been Located in South Africa.**

(By Associated Press.)  
Wapakoneta, O., Jan. 31.—Henry M. Brockert, a business man of this city, who disappeared several months ago, has at last been located. A letter has been received by his brother, written at sea, stating that he (Henry) was on his way to South Africa as foreman on a British vessel loaded with 2000 mules for the English army. Speculation had involved him in financial troubles, and Brockert has abandoned his family and business with no apparent intention of returning.

## SECURED FAME AND WEALTH.

**His Application Has Brought Land Worth a Million.**

(By Associated Press.)  
Pittsburg, Pa., Jan. 31.—R. A. Phillips, a farmer on Neville Island, has suddenly jumped into fame and wealth. Property worth about \$1,000,000 has passed from the state of Pennsylvania to him for the mere cost of the litigation attendant upon making the application.

In 1897 the Pennsylvania legislature enacted a law covering riparian rights to land along rivers. Phillips knew of 416 acres in the back channel of the Ohio river in Stone, Xenia and Robinson townships. People laughed at him when he made application for a patent, which was granted today.

Then Phillips did some laughing, because the land is worth \$1,000,000.

## To Entertain Americans.

(By Associated Press.)  
Valparaiso, Chile (via Galveston, Texas), Jan. 31.—Members of the Naval club and several other naval officers will entertain at a banquet tonight in the Naval academy the officers of the United States battleship Wisconsin. Covers will be laid for 80 persons. President Riesco will receive a call from Rear Admiral Casey next Tuesday.

## Style to Be Renewed.

(By Associated Press.)  
London, Jan. 31.—There seems to be a change for the revival of the old style of coiffure this season. Lady Warwick, the other night at a big reception, created quite a sensation by wearing a curl falling down to her shoulders. It suited her admirably, and it is quite likely that other pretty women will follow her lead.

## Boer Turns Traitor.

(By Associated Press.)  
Pretoria, Jan. 31.—Lord Kitchener has authorized General Vilonel, a burgher, to raise an additional Boer corps of 1500 men. General Vilonel has written a letter to ex-President Steyn, warning the latter of his intention to form such a corps, and adding that the Boers in the concentration camps are tired of the useless struggle and are determined to help the British.

## Seamen Killed.

(By Associated Press.)  
Vigo, Spain, Jan. 31.—The obsolete Spanish gunboat Condor has been towed into this port in a damaged condition, due to the explosion of her boiler, which killed four men and injured nine others. The injured men are in a dangerous condition. Most of the crew sustained contusions or burns. The gunboat is practically a wreck.

## Chop Wood for the Church.

(By Associated Press.)  
Memphis, Ind., Jan. 31.—The young ladies of Memphis have formed an organization by which they are determined to shame the young men even if they blister their hands. They have formed the Woodchopping Club, the object of which is to keep the church, which is the scene of all public gatherings, supplied with firewood.

# FOUND CANDY BABY

## POLICEMAN THOUGHT IT REAL AND TOOK IT TO MORGUE.

## SURGEON WAS ASTONISHED

## Found by Some Boys in the Gutter and the Cop Took It Away From Them and Reported to the Coroner.

(By Associated Press.)

New York, Jan. 31.—"Unidentified male child; brought from 1071 First avenue by policeman of the Twenty-fourth precinct. No case; candy baby. Dr. O'Hanlon."

This is the puzzling entry on the official record book of the keeper of the Bellevue morgue, and it was not until last night that the last sentence was added to the entry.

Dr. Philip O'Hanlon, deputy to Coroner Jackson, was busy in the autopsy room last night making examinations of the bodies of the city's unidentified dead, to determine the cause of death.

He had dissected a number of bodies and was tired out, but continued to work, as he wanted to dispose of all the cases assigned to him. The last case assigned to him was that of an unidentified baby, and he immediately ordered Morgue Keeper Payne to bring the body into the autopsy room.

The "body" was wrapped in tissue paper and when it was placed on one of the dissecting tables Dr. O'Hanlon tore off the wrapping.

To his astonishment he beheld the form of a body molded in candy.

Upon examining the records it was found that the parcel supposed to contain the body of a child was brought to the morgue last Wednesday by a policeman of the East Fifty-first street station, who found it in front of 1071 First avenue.

The policeman had noticed a number of boys bending over the parcel, which was in the gutter, and he drove them off and carried it to the station.

"Poor little thing was frozen to death," the policeman remarked to the sergeant at the desk. "You can see, it is frozen stiff."

The policeman was then sent to the Bellevue morgue with the supposed body and he deposited it with the morgue keeper, giving the history of the case.

It was placed in the babies' vault at the extreme end of the morgue, with scores of little coffins, and it lay there until last night, when it was discovered that it was made of candy.

Morgue Keepers Payne and Jackson do not know whether to regard the matter as a joke or not. The comrades of the policeman who found the body think there is one on him.

## Dies at Friend's Door.

(By Associated Press.)  
Englewood, Jan. 30.—Mr. and Mrs. Edward P. Underwood of Denarrest contemplated spending last evening at the house of the latter's sister, Mrs. Janet

Ferdon, at Crosskill. As they reached the front steps of the latter's home Mrs. Underwood threw up her hands, uttered a sharp cry and expired in her husband's arms.

## SAW SON ONLY TO DIE.

(By Associated Press.)  
Somerville, Jan. 31.—Mrs. Mary Farmer an aged widow of Raritan, died on Tuesday. Among the mourners was John Farmer, one of her seven sons, who, over 15 years ago, left his home, in Raritan, and was never heard from by his family until Mrs. Farmer became critically ill. She frequently expressed a wish to see her missing boy before she died.

One of the other sons remembered that his brother John had talked much about railroads when he was a boy. With faint hope the brother advertised in a railroad journal for John Farmer. John is a trainmaster on a Western road at Portland, Ore.

He read the advertisement and made haste to communicate with his family. He was informed of his mother's condition, and made a flying trip East.

He arrived at his mother's side as she was dying. She was able to recognize him.

## LONG-YEAR AGREEMENT.

**Trainmen on the Union Pacific Will Get Increased Wages.**

(By Associated Press.)  
Omaha, Neb., Jan. 31.—The adjustment committees of the conductors and trainmen of the Union Pacific railway have signed a two-year agreement with General Manager Dickinson, of that road, whereby they receive a substantial increase in pay and shorter hours in many cases.

The trainmen will be paid full time for "dead heading" to their work and full time while waiting at terminal stations for their trains by which they are delayed beyond schedule time. Hereafter passenger trains will all carry two brakemen.

All passenger conductors receiving less than \$15 per month are given an increase in salary of from five to ten dollars and other concessions were made to the men.

## SHE DIDN'T KNOW

**How Much She Was Worth When She Died.**

(By Associated Press.)  
Louisville, Ky., Jan. 31.—Heirs of Mrs. Roselle Wright have brought suit against the executor, John T. Porter, in order to secure what they consider the proper division of the property.

Mrs. Wright made the peculiar mistake of not knowing how much she was worth by three-fourths. Her will disposed of \$4011, but the estate has been found to be worth over \$16,000.

Of this amount several thousand dollars was found buried in the woodshed in tin cans.

## He Proved It False.

(Brooklyn Life.)  
Simple Simon went a-fishing  
For to catch a trout;  
He spied a sign, "No Fishing Here,"  
And there pulled sixty-out!

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This Saturday (tomorrow) will be exceptionally rich in telling bargains and you know what our bargains mean—they mean essentially good goods first, last and all the time.

**Our Great Annual Clothing Sale of Clothing and Overcoats**

Is no ordinary matter. The reduction in price is 25 per cent—there is nothing held in reserve—black suits as well as colored ones are included in the sale, also fur overcoats. It may be well to note some advantages you have in buying from us. Our whole stock is before you, all sizes; you can get a good fit and color to suit.

**Sateen Shirts and Gloves Marked Down**

Men's all tan leather gloves, fleece-lined with elastic ribbed wool wrist band; **Only 25c a Pair**, were 50c.

Men's extra heavy wool mitts, with elastic wrist; **25c a Pair**, were 50c.

Men's black Jersey fleece-lined gloves, used for driving or dress; **Only 25c Pair**, were 50c.

Men's blue mixed all wool socks, with elastic ribbed tops and double heel and toe; **2 Pair for 25c**, worth 25c a pair.

Men's black French sateen shirts, flannel lined throughout, with hand-made button holes and pearl buttons; **Only \$1.00 Each**, were \$1.50.

Men's blue grey, mixed merino underwear, extra weight, in all sizes; **Only 50c Each**, were 85c.

Men's heavy fleeced undershirts, fully worth 75c, but having several cases of them we will close them out at **35c Each**—no price for them.

**M. J. Connell Company**