

JOB PRINTING.

Books, Pamphlets, Cards, Checks, Circulars, Blanks, Bill Heads, Bills Lading,

CITY ITEMS.

Joe Painter - A Job Printer wanted at this office.

James Albom, for several years Assistant City Surveyor, died at his residence, in this city, yesterday.

Last month the police report 536 arrests for various offenses against the laws and ordinances. This is an average of nearly eighteen a day, and is the largest number ever reported in any one month.

Yesterday was the day set for a meeting of the Board of County Commissioners, to hear and determine on applications for license, but no quorum being present, the Board adjourned until ten o'clock this morning. Mr. Bruce was the only member present.

Yesterday one million dollars were brought to this city from Washington, by the Adams Express Company, for Col. McClure, Paymaster for this Military District. This will be quite an addition to the circulating medium when it gets round.

CRICKET CLUB - A game of Cricket will be played by the Indianapolis Club this afternoon, upon the grounds of the Base Ball Club, on California, near Vermont street. The wickets will be pitched at 2 o'clock. The members are requested to be punctual. The public are invited to attend.

POLICE COURT - Yesterday, in the Mayor's Court, Louis Stechan paid a fine of \$7 40 for permitting his dog to run at large without a muzzle.

Charles Wilson paid \$9 40, and Christian Jepson and Charles Cline were each sent up for ten days, in default of the fine and costs, for intoxication.

COMMON PLEAS COURT - Yesterday Dr. Fell was on trial before the Court on the charge of abortion on his wife, Mary Fell, reported a few weeks since when the preliminary examination was before the Mayor. The witnesses were separated and examined apart. The case will be continued this morning. W. W. Woolen is the prosecuting attorney in the case, and Elliott & Ryan for the defense.

COUNTERFEITER ARRESTED - Yesterday, Officers Bechtel, Ogler and Russell made an important arrest of a man named John B. Douglas, claiming to come from Rome, Ohio, for passing counterfeit money. When arrested, he had on his person \$35 in new bills on the Bank of the State of Indiana branch at Lafayette, and \$46 in counterfeit fifty-cent postal currency. Both counterfeiters were well executed. He was taken before Commissioner Kimball, and held for trial.

THEATRE - FAREWELL BENEFIT OF MISS ST. CLAIR AND MR. BARRAS - A splendid Comedy entertainment is offered at the Theatre to-night, upon the occasion of the benefit of Miss St. Clair and Mr. Barras. First upon the programme is Buckstone's glorious Comedy of Married Life, with Mr. Barras in the laughable character of Mr. Coddle, and Miss St. Clair in that of Mrs. Younghusband, supported by the entire Company; after which the screaming protean piece of The Young Actress, with Miss St. Clair in six characters and any number of dances. Such a bill, together with the popularity of the beneficiaries, will doubtless fill the house to overflowing.

WATER WORKS - There is no public improvement that the people of our city have a deeper interest in than a full supply of pure water. There is nothing that would add more to the health, the convenience, the safety from fire and the comfort of the city. We are happy to hear that there is a prospect of securing the construction of water works ample for the present and future wants of Indianapolis. R. B. Catherwood, Esq., who has exhibited great energy and business qualifications in the construction of our street railroad system, left for New York city last evening, and one object of his visit there is to procure the necessary means to build the works, upon the condition that a charter of sufficient liberality can be procured to encourage and justify the investment. This is the shape in which the enterprise is now presented to our citizens, and it will be seen from what we have stated that all will depend upon their action.

THE WHOLESALE SHOE BUSINESS - HENDRICKS, EDMUNDS & CO - The shoe business has become a leading feature in the wholesale trade of Indianapolis. There are now seven jobbing shoe houses, and all are doing a large and successful business. Messrs. Hendricks, Edmunds & Co., No. 56 South Meridian street, Schnull's Block, one of the oldest firms in the trade, have a very full and complete assortment of goods, embracing every variety of men's, women's, boys', girls' and children's wear. Their long experience and business facilities enable them to procure all articles in their line just adapted to the wants of the trade, and purchasing everything at the head of the market, they can sell just as low as similar goods can be procured in any western market, and there are no more accommodating and gentlemanly merchants. The rapid increase of the wholesale shoe business is another evidence of the substantial progress of Indianapolis.

MARION CIRCUIT COURT - A verdict of guilty was rendered in the case of William Miller, on the charge of stealing money from a soldier, and he was sentenced to four years in the penitentiary.

Mary Thompson was tried by the Court on the charge of grand larceny, and discharged.

Milligan Paw, charged with grand larceny, and brought to this county on appeal from the Johnson Circuit Court, the case was continued until the next term of Court.

Dr. Biersman was on trial yesterday afternoon, before a jury, on the charge of assault and battery with intent to commit a rape on the person of Mary M. Rolland. Mary was on the stand while we were in Court. She is an interesting looking girl, about twelve or thirteen years old, and gave her testimony with every appearance of candor. She was frequently affected to tears, and the attorneys had to stop until she became composed. She testified that she was sick, and the doctor was called in to examine her; he was then with a German woman and her mother, and, after sending the mother and woman out of the room, while she was lying in the bed, he attempted to violate her. Unless the defense can introduce some strong evidence to refute this, the case will go strong against the doctor. Dr. Biersman is an intelligent looking German, of good size, sandy complexion, a smooth face, with a large sandy mustache. He is about thirty years old. He appeared to take a great interest in the examination of the witness, frequently suggesting questions for his lawyers to ask.

The jury in the case are C. C. Campbell, Charles John, Thomas P. Miller, William Love, Charles Farnsworth, Isaiah Hornaday, James Wallace, William Wood, Cornelius Loucks, Ezra Harding, Samuel Leibert and Jonathan Frankem.

[For the Daily State Sentinel.]

Water Works - Plan and Estimates. INDIANAPOLIS, Oct. 5, 1865.

Messrs. Editors: A copy of the following letter, addressed to Erie Locke, late Councilman, by Mr. Ball, of Elmira, N. Y., came into my possession in 1863, Mr. Wood, our City Engineer, having obtained it and furnished it to a Committee of Council, of which I was Chairman. As the question of water works is now being again agitated, and I have thought the publication of the plan and estimates of a practical hydraulic engineer and constructor, made six years ago, after a view of the whole ground, might be of interest to your city readers, and, therefore, send it to you for that purpose. AUSTIN H. BROWN.

ELMIRA, N. Y., March 23, 1865.

James Wood, Esq. Sirs - Two months since I agreed to send you a copy of a plan and estimate I made and sent to Erie Locke, Esq., of your city. I should have sent it earlier, but the prices

of all materials have been so on the wing that nothing definite could be arrived at. In making the estimate, I know send you, I simply estimated the cost at the prices that then ruled and had ruled for a number of years. An addition would now have to be made on account of the rise on iron, freight, cement and labor. The principal rise would be on iron and the Government tax. Iron I think will be lower in less than six months. I wish to have you study the various suggestions I make relative to the plan. They are all important as regards the value of the work, and you will oblige me if you will inform me of such objections as shall be in your own mind, or in the mind of any of your intelligent citizens.

I apprehend one objection and that is the cost. True, the cost can be reduced by reducing the size of the pipes if not the length, (and no doubt that a reduction in the length will be very properly made,) but as regards the future of your city a reduction in the size of the pipes when you come to the development of practical use in years to come, you will all agree with me that it amounts to self-robbery.

Very truly yours, J. BALL.

Eric Locke, Esq. Sir - In compliance with my proposal, I send you the result of my examinations and my opinion respecting the best mode of supplying the city of Indianapolis with water. As to the source of supply, the distance being four miles to the elevation on which to locate a distributing reservoir, in Mr. Marsh's plan, is very objectionable with but sixty-five feet head, as he informs me.

It would be idle to expect a good and satisfactory work with that head and distance, short of using a 30-inch main, which would be very expensive. Further, I have strong doubts about the safety of depending upon the Company's canal for power to raise the water. Would it, or would it not, be liable to serious interruptions? If so, steam had better be employed at once. Were that point fixed upon for a reservoir, it would be good economy to construct one that would contain 40,000,000 gallons, as the White river is turbid a long time after a freshet. Such a store of water would last through such periods, and the water, rendered pure and desirable by settling and filtration, would greatly increase the revenue to be derived from it.

I examined the Fall creek from the bridge on Michigan road, to its intersection with the Fort Wayne or Noblesville road; at this point, and for half a mile below, I found the bed of the stream very clean and the water clear, with occasional rippling falls, and I should judge abundant in quantity for all time to come. I was informed that it was but two and a half miles from the center of your city, by the above road.

After carefully reviewing the circumstances of the case, I believe this to be the best place to locate a work, and for that purpose have carefully prepared the following plan, which I believe to be far preferable, as regards the value of the work, for safety, efficiency, and I will add economy, to any work that can be constructed at any point which I have examined, taking the White river as the source. True, it involves the necessity of distributing from a tower; yet, with the arrangement, hereinafter described, which is not excessively expensive, the greatest objection is obviated, which is that of raising turbid water into the tower, for immediate distribution.

My plan requires the purchase of seven acres of ground on the creek bottom or flat, on which to construct a receiving basin or reservoir, that will contain 18,000,000 gallons at ten feet depth. I was informed, and believe, that this stream will run clear, after a freshet, in less than half the time required to clear the White river.

This basin will be constructed with heavy embankments, which will be raised above any overflow in time of high water. The inner slope and bottom would be rendered light by puddling in the usual way, and the outer slope would be neatly turfed. The top of the embankment would be surmounted by a gravel walk, ten feet wide, and thus rendered ornamental. The water would be taken into the reservoir in the following manner: There being much fall in the stream for the first half mile above, at a suitable point that distance above the basin I should construct a well, 15x30 in diameter, and two feet deeper than the bottom of the stream, which would be stoned up and strongly guarded by mason work. Into this well the water would be admitted through a filter of clean gravel, four feet thick and thirty feet long. This well would be covered in tight, by flag stone, which would extend so as to cover the filter. A pipe of sufficient size would be laid below the frost, connecting this well with the reservoir. A stop-cock would close this connection when the stream became turbid, with water in store for use during such periods. The depth of the excavation of the reservoir will be reduced by the amount of fall from the receiving well. A pump-well would be made at a convenient point near the reservoir, and the water would be passed into it through a gravel filter, similar to the one above described, and the connecting pipe would be governed with a stop-cock. Over this well I would erect a pump house of brick with a foundation of stone masonry. The size would be 32 by 40 feet and be one and a half stories high. The first story would be 13 feet from the floor to the joists and the half-story 6 feet to the bottom of the plates. The building would be covered with a tin roof and well painted. I prefer a steam engine of high pressure to any other for raising water. The following description of engine will raise 2,000,000 gallons of water in 16 hours. The cylinder would be 22 inches in diameter, and with a four foot stroke, with an adjustable cut-off, and a balance-wheel 15 feet in diameter. Two boilers of the best iron 32 feet long and 4 feet in diameter, with two flues each of 17 inches in diameter - the boilers to be set in the best manner. Also, a substantial pump, the cylinder 20 inches in diameter with a 4 feet stroke, with an air-chamber attached, 4 feet in diameter and twelve feet high; one-half of the length at the top would be lined with copper. This large air-vessel wholly prevents the concussion, or pulsation of pumping, and greatly reduces the labor, and consequent wear of the machinery. Your City Engineer informed me that the most elevated point in your city was at or near the residence of R. A. Underhill, Esq., (now the Baptist Female College, near the Blind Asylum), and, fortunately for my plan, it is at the intersection of the road leading from the pump house and Pennsylvania street. At this point I propose to erect the tower for distribution. The tower will be 125 feet in diameter, and in a circular form - the walls will be of brick, and founded upon stone masonry laid below the frost. These circular walls will be about eleven feet apart, one within another, and will be anchored together with timbers. The inner circle will be eight feet in diameter. The height of the walls will be sixty feet.

A tank or reservoir will be founded upon this tower 125 feet in diameter, and 16 feet in depth. It will be constructed of boiler iron - the bottom plate will weigh 10 pounds per square foot, and the sides 8 pounds, and will contain over 1,400,000 gallons, giving, when full, a head of 16 feet. The iron will be covered with a durable coat of paint. A door will be placed in the outer circle, and a door-way in each to the center. There will be four windows in the outer circle, on opposite sides, with correspondings in each circle, which will admit the light through the tower. A pipe 18 inches in diameter, for a rising main, will convey the water from the pump through the above road and pass under the walls of the tower, and rise through the center circle to the tank, to which it will be attached by strong flanges, and be governed by valves. This distributing tower being located within your city, a pipe of 16 inches bore, which will descend through the same circle with the rising main, and pass out under the walls to Pennsylvania street, through said street, to Washington street, will bring a supply of water to the centre of distribution, in any emergency, fully equal to a thirty-inch main, under the same head, were the reservoir four miles distant. I append hereto a plan of the pipe that you may see at a glance the lines of pipe and the arrangements I have made of the size of bore, so as to carry out a system distribution, that shall give an equal efficiency to the water, through the whole city. Pipes for this purpose must be laid in some streets of a larger size than that particular street may require, and in this respect great blunders are very apt to be made.

You will perceive that, through the connected network, the water will be concentrated to any point where it may be required. Having accomplished this, enlargement beyond East, West, North and South streets may be made as your population now does or may hereafter extend. Not being acquainted with the out bounds of your present population, I have inserted a sum in gross, which may cover the cost of your present requirements. The pipe embraced in the estimate, including 2,640 feet connecting the filtering well with the receiving basin, amounts to 144,200 feet, or twenty-seven miles and one thousand, six hundred and forty-six feet. The estimate below embraces the cost of the work complete, viz: all materials, transportation, trenching, back filling, branching, cartages, and land for receiving basin, but not for the tower. We would construct your work in a prompt

and proper manner, and guarantee and keep it in good order and repair for one year from its completion.

The cost of the work, as described in the foregoing plan, is as follows:

Table with 2 columns: Item description and Price. Items include receiving basin and well, pump-house, tower, pipes, etc. Total cost: \$254,450.

Respectfully, J. BALL. For J. BALL & Co.

BUSINESS NOTICES.

FUR OPENING - This week Baker & McIver will commence to open their immense stock of Ladies' and Gentlemen's Furs. Their stock is decidedly the largest in this market, comprising everything in the line. Dealers are solicited to give them a call before purchasing, as they are prepared to sell at less than the present New York prices. 5-3

Farewell Benefit - Sallie St. Clair

On Monday next those fine building lots on the west side of East street, just west of the line of the Virginia Avenue Railroad, and adjoining the Morris Homestead, will be sold at auction. Only one fifth of the purchase money to be paid cash at time of sale. See advertisement of Wiley & Martin. 3-6

Barrett in a new Comedy to night.

PRELIMINARY SALE OF BUILDING LOTS - Wiley & Martin, Real Estate Auctioneers, will sell, at 2 o'clock next Monday afternoon, on the premises, sixty-three choice building lots, situated on the west side of East street, immediately west of the Virginia avenue line of street cars, and being a part of the late B. F. Morris' Homestead. The grounds have not heretofore been in the market, and are now offered for sale for the first time. The lots are all of a convenient size for building purposes, with streets and alleys. Terms easy. See advertisement. 4-5

Miss St. Clair in seven characters!

LARGE SALE OF CITY LOTS - On Monday afternoon, October 9th, Wiley & Martin, Auctioneers, will sell at auction those fine building lots on East street, immediately west of the Virginia Avenue Line of Street Cars. See their advertisement.

Go to Featherston's Dry Goods Auction to-day, at 10 A. M. Large sale of No. 1 goods - a stock closing. Also, Shoes and Boots. Be sure and go. Household goods Saturday at 9 1/2 A. M.

Theatre - Grand laughing night!

BUILDING LOTS AT AUCTION - On next Monday afternoon Wiley & Martin, Auctioneers, sell at auction those fine building lots on East street, being a part of the homestead of the late B. F. Morris. See their advertisement. 6-3

The Boot and Shoe bill of any family is so important item in the expense account. To lessen this bill buy your goods from that large stock of Custom Work at the Capital Shoe Store. J. A. CONNINGOR & Co., 4-3 Vinnedge & Jones' Old Stand.

Theatre - Comedy - Barras - St. Clair.

The "Capital Drug Store" corner Massachusetts avenue and Vermont street, is said to be a reliable house - as the medicines are of the best quality and at fair prices. Sign of Golden Mortar. 3-5

Parties wanting anything at wholesale in the Book and Paper line can find all they want at BOWEN, STEWART & Co's, in this city. Read advertisement in to-day's paper. 3-5

OFFICERS' BACK PAY for servants' wages, under late decision, obtained at Blake's Military Agency. Blanks received. Officers will call or correspond. 29-11

Wrapping Paper in every variety at BOWEN, STEWART & Co's. 3-5

Cloaks and Cloakings, Balmoral Skirts, Flannels, Blankets, &c., in great variety, at the City Dry Goods Store, No. 37 East Washington Street. 20-3m

Paper Bags, all sizes, at BOWEN, STEWART & Co's. 3-5

Look at the Handsome line of Dress Goods and Shawls, at the City Dry Goods Store. 20-3m

Printers will find everything in the way of Paper, Cards, Inks, &c., at BOWEN, STEWART & Co's. 3-5

The City Dry Goods Store, No. 37 East Washington Street, is the place for Bargains. 20-3m

See Dr. Wm. Thomson's advertisement on the fourth page of to-day's paper. jan 25-11.

American and Foreign Goods of all kinds Cheap, at the City Dry Goods Store. 20-3m

SPECIAL NOTICE.

FOR MORE THAN TWENTY YEARS MATHEWS' VENETIAN HAIR DYE has stood the test of trial, and is constantly increasing in public favor. THE VENETIAN HAIR DYE is the best and cheapest made. Its price is only 75 cents, and each bottle contains double the quantity of dye in those usually sold or 51.

THIS HAIR DYE is manufactured by a peculiar process, which renders it infinitely superior to any dye in market. Being complete in one bottle, no preparation is required, which greatly simplifies the application. IN USING THIS DYE you avoid that scurf, dandruff, and itching, which dyed hair and whiskers are so readily recognized, when an inferior article has been used, as it produces a perfectly natural color of any shade that is desired, from a rich brown to a jetty, lustrous black, that will not smut, crack, or stain the clothing. Invest 75 cents and you will be convinced. Sold by all Druggists and Fancy Goods Dealers.

A. J. MATHEWS, Manufacturer. DEMAS BARNES & CO. New York, Wholesale Agents. may 10-dead-ly

NATIONAL PETROLEUM MINING COMPANY. OF INDIANAPOLIS, IND. ORGANIZED UNDER THE LAWS OF INDIANA. Capital, \$320,000. In 6,400 shares, at Fifty Dollars Each. WORKING CAPITAL, \$70,000. OFFICERS: William H. Tarnet, President and Superintendent; Delos Root, Vice President; Edwin A. Davis, Secretary; J. George Still, Treasurer.

Over Two Hundred Per Cent. \$10 per share only required at time of subscription. For maps, circulars or information, apply to the Secretary of the Company, at Indianapolis. 4-18-65