

# MILAN EXCHANGE.

VOL. XIV.

MILAN, TENN., AUGUST 20, 1887.

NO. 25.

## RAILROAD TIME TABLE.

**GREAT JACKSON ROUTE.**  
ILLINOIS CENTRAL RAILROAD.  
After May 21, 1887, trains will leave Milan as follows:

SOUTH.		NORTH.	
No. 1. at 5:55 am	No. 2. at 5:35 am	No. 3. at 12:20 pm	No. 4. at 12:20 pm
No. 3. at 2:30 pm	No. 5. at 9:05 pm	No. 6. at 9:05 pm	No. 7. at 9:05 pm

E. M. BROWN, Ticket Agent.  
A. J. HANSON, Gen'l. Pass. Agent, Chicago, Ill.  
J. W. COLEMAN, Ass't. G. P. A., New Orleans, La.

**LOUISVILLE & NASHVILLE R. R.**  
Trains leave Milan as follows on and after May 29, 1887.

PASSENGER TRAINS.	
No. 1. south, leaves at	1:15 am
No. 2. north, " "	12:45 pm
No. 3. north, " "	2:15 pm
No. 4. " " " "	1:47 am
No. 5. leaves Milan at	5:30 a. m.
Arrives at Memphis	9:00 a. m.
No. 10 leaves Memphis	5:00 p. m.
Arrives at Milan.	8:30 p. m.

Both trains run daily.  
O. F. CANTWELL, Ticket Agent.

**N. C. & St. L.**

Lv Nashville	7:15 am	Ar McKenzie	11:45 pm
" "	7:45 pm	" "	12:15 pm

**EAST BOUND.**

Lv McKenzie	3:05 pm	Ar Nashville	7:40 pm
" "	2:35 am	" "	7:05 am

O. F. CANTWELL, Agent.

## CITY DIRECTORY.

### CITY OFFICERS.

E. N. Stone, Mayor.  
W. B. Bryant, City Marshal.  
R. B. Mitchell, J. H. Blankinship, R. F. Hann, R. E. Edwards, G. W. Harrison and D. A. Taylor, Aldermen.

### CHURCHES.

**Baptist**—Church street, J. P. Weaver, pastor. Preaching every Sunday morning and evening. Prayer meeting Wednesday evening. Sunday school 9 am.  
**Methodist**—North Main street—E. B. Graham, pastor. Preaching every Sunday morning and evening. Prayer meeting Wednesday evening. Sunday school 9 am.  
**Cumberland Presbyterian**—South Main st. J. D. Lewis, pastor. Preaching every Sunday morning and evening. Prayer meeting, Tuesday evening. Sunday school 9 am.

### MASONS.

Milan Lodge, No. 191—Josiah Claybrook, W. M.; R. E. Edwards, Secretary. Meets 1st Monday night in each month.

### K. of H.

Liberty Lodge, No. 452—W. G. Vanhook, Dictator; T. D. Jackson, Reporter. Lodge meets first and third Friday nights in each month.

### K. of P.

Prospero Lodge, No. 24—H. W. Lovins, G. C. W. Y. Williamson, K. R. S. Meets every Thursday night.

### A. O. U. W.

Stonewall Lodge, No. 30—A. Chambers, M. W.; M. D. L. Jordan, Recorder. Meets third and fourth Friday nights.

### K. and L. of H.

Eagle Lodge, No. 95—Meets first and third Monday nights in each month. S. H. Hale, P.; W. A. Wade, Secretary.

### AGRICULTURAL WHEEL.

Gibson County Wheel meets the first Thursday in January, April, July and October. L. W. Pitman, Pres.; M. B. Johnson, Sec.; Rubenford.  
Walnut Grove, No. 55, meets Saturdays before the first and third Sundays in each month. L. W. Pitman, Pres.; J. R. McCoy, Secretary.  
No. 63 meets the 1st and 3d Saturdays in each month. S. H. Hughes, President; J. W. Thomas, Sec.  
Pratt's No. 79, meets on Saturday before the full moon in each month. J. M. Pratt, Pres.; J. J. Lessenberry, Sec.  
Johnson School-House Wheel, No. 582, meets Thursday night before the full moon in each month. J. C. Jones, President; L. N. Jones, Secretary.

### Election Notice.

In obedience to an ordinance passed on the 8th of August, 1887, by the Board of Mayor and Aldermen of the town of Milan, in which the Constable was ordered to open and hold an election on the 13th day of Sept., 1887, at every voting place of said town to ascertain the will of the qualified voters of Milan on the subject of making a subscription of \$15,000 in bonds to the Tennessee Central & Alabama Railroad as provided in said ordinance, I will, on the said 13th day of September, 1887, open and hold an election for said purpose as provided in said ordinance. Those favoring said subscription will have written or printed upon their tickets the words "For subscription" and those opposed the words "No subscription." This 11th August, 1887.  
W. B. BRYANT, T. C.

### Everybody Curious.

Curiosity is a great thing, just humor it and it will stir up more "sand" than a young cyclone. We have as much curiosity as anybody and more than a great many but we have been too busy to attend to it this season. It is a good thing for us, for we might have done or said something to get us into trouble. We are happy enough when we are busy. Come and see us.  
CHAMBERS' CASH HOUSE.

## SMALL CHANGE.

Weather cooler.  
Trade is picking up.  
Prohibition rally and speaking near Gibson to-day.  
Dr. J. M. Gleen is the happy and proud father of a bouncing baby boy—Mr. George Boyd had a fine cow killed by a train on the I. C. road yesterday.

Work has begun on Keilebers new brick house on Front Row near the Exchange office.

The Tennessee Central & Alabama railroad is now an assured fact. Go to the polls on the 13th of September and vote for it.

The hardest rainfall that ever visited Milan occurred Tuesday. In one and a half hours the rain fell to the depth of three inches.

A wind and rain storm visited this section last Monday and Tuesday. The wind did considerable damage to crops, laying some fields of corn flat on the ground.

Tom Harrison, Ag't, has moved to the new brick, lately erected by Mr. Chas Kestnar, below the post-office, where he will be glad for his many friends to call and inspect his stock.

We learn that several parties are contemplating moving here at an early day to go into business. They say our town, with the prospects that are before it, will advance rapidly, and hence their coming.

Mr. Jas. A. McClaran, Milan's artistic painter, has just finished painting our safe, and we can truthfully say that it is the neatest and prettiest piece of work it has been our fortune to see. Jim is a first-class painter, and will guarantee satisfaction.

The West Tennessee Horticultural Association met in Gibson last Friday. Quite a crowd were in attendance and all enjoyed themselves immensely and pronounced it a very profitable meeting. Prizes were awarded to those showing the finest fruits.

On Tuesday an officer of near Trenton, came to town and arrested Albert Knox, a colored man well known hereabouts, for stealing a mule. Several persons here proposed to go on Knox's bond, but the officer refused and carried him on to Trenton, only to learn that he was not the Albert wanted.

On last Thursday morning at nine o'clock Mr. Andrew J. Fields, an old and respected citizen, died after a long and painful illness, at his home one and a half miles east of Milan. He was about sixty-five years of age, and has long been a citizen of this county. He was an earnest and faithful member of the Baptist church, and was also a member of the United Order of the Golden Cross. He leaves a wife and many relatives to mourn his loss.

On Tuesday night the people of Milan again assembled in mass meeting at Primary Hall to agitate and to devise some way to get the people interested in organizing a company to bore for natural gas. The citizens of Milan are—all in favor of this enterprise but do not show the energy and go-aheadness that they should, only a few attend the meetings and, in fact, all should attend. Why is it thus? The welfare of Milan is the welfare of her people, and as long as the citizens of this community sit idly by and see the bright laurels plucked by other hands when they are within our own grasp, so long will she be on a stand still. Work for this enterprise. We need it. We must have it. Attend the meetings and show by your actions that you are interested and want the well.

## PERSONAL.

Rev. M. M. Taylor and wife, of Kenton, are visiting relatives here.

Mrs. R. J. Robertson visited her mother, Mrs. Woolfork, of Medina, this week.

Mrs. K. N. Beattle, of St. Louis, Mo., is visiting her sister, Mrs. Dora Harrison, of this city.

Misses Mamie Hutcherson, Zora Pearce, Maude Coley and Ella Hutcherson spent this week in Paris.

Mrs. Helen McWilliams, and her son, Master Lonso, of Corinth, Miss., visited her sister Mrs. W. E. Turner.

Mr. S. H. Dunaway and wife, of Arkansas City, are visiting Mr. H. L. Dickinson's family here this week.

Miss Mamie Cunliff, a very pretty young lady of Jackson, is visiting Miss Alice Holt and Mrs. J. P. Bryant of this city this week.

The handsome and popular Yancy Bledsoe has accepted the clerkship in the Southern Pacific hotel. Yancy is one of Milan's best boys and we wish him well.

Mrs. Burrow, of McKenzie, has moved to this city to live with her son's family, Mr. R. J. Burrow, who has lately bought the property of Rev. J. D. Lewis, on Main street.

## The Tenn. Cent. & Ala. R. R.

The proposition of the Tenn. Cent. & Ala. road has been submitted to the people of Milan, and will be voted upon the 13th of September. Trenton voted \$40,000 to this road almost without a dissenting vote, and why can't we, a town as large as Trenton, if not larger, vote \$15,000 for the road? Why some people object to this road we cannot see, and if they look at the question properly and right they cannot but help to see that if they vote against the road that it will be detrimental to our welfare and prosperity? We are glad to state, however, that some who were bitterly opposed to this enterprise have wheeled into line and will work and vote for the road, and it is to be hoped that before the election all will come out in favor of, and make the vote for the proposition almost if not unanimously. This road will open up vast iron beds and forests of almost incalculable value. The building of this road will lift Milan to an elevation that will attract the attention of all capitalists and cause the erection of manufactories, etc., and, in fact, capitalists are already looking towards here, and we learn that a gentleman from the northwest will be here to-day prospecting and looking for a location to plant a large hub and spoke factory. He has heard of our town and our facilities and desires to place his factory here, and if this road is built he, to a certainty, will erect the factory. If this road comes here, and beyond a doubt it will, the L. & N. will, it is said, build a line from here to Huntingdon in order to have a more direct line to Nashville.

## New Livery Stable.

I have just built and opened a large and comfortable livery and feed stable on the corner of Third and William streets. I have good backs, wagons and teams, and am prepared to do hauling, plowing, mowing, scraping and other work in my line at low prices.  
J. E. YORK.

## New Quarters.

We have just moved into our new quarters, two doors below the post office, where we have heaps of nice things to sell. We are too busy to write much this week; but call on us and we will be glad to show you around.  
TOM HARRISON, Ag't.

## NATURAL GAS, WHERE FOUND.

### Editor Exchange:

It has only been two or three years since natural gas was discovered in Pittsburg, Pa. Soon after the discovery some genius conceived an idea that natural gas could be utilized for fuel and light. The well was accordingly piped and the gas put under control. It proved to be a complete success. The city then began the use of natural gas, discontinuing the use of coal, wood, oil and coal gas. Since that time gas wells have been bored all over the state of Pennsylvania, Ohio and Indiana, some in Tennessee and Iowa. There are probably two hundred or more natural gas wells in the United States at present, and many more are being put down. The wells range from a depth of 220 feet to 1200 feet; the shallowest of any yet heard from is the well at Shelbyville, Tenn., being only 220 feet deep. The largest of these gas wells are the wells at Finley, Ohio, and Hartford City, Ind. The well at Finley is said to be the largest gas well in the world and the well at Hartford City is the second largest. The Finley well furnishes over twelve millions feet of gas per day of twenty-four hours, which is equal to more than one thousand tons of bituminous coal. The Hartford City well furnishes over nine hundred feet per day, which is equal to seven hundred and fifty tons of coal. I have recently visited the Hartford City wells and will say that the gas is all that can be desired; it is very brilliant and very hot. A stove can be heat red hot with it in a few minutes. Hartford City has been piped, gas posts erected and the city is lit up every night. The lamp posts are simply a pipe run up perpendicular, with a burner on the top; the burning gas has no protection from rain or wind, the wind cannot blow it out neither can the rain rain it out. Natural gas can be used in any kind of a stove, fire place or grate. A cylinder about two inches in diameter is used as a burner for heating purposes, and is hollow from one end to within about one inch of the other end. The cylinder is perforated about every inch, through which the gas flows, the hollow end of which being connected with the gas pipe; the mixer and thumb screw are far enough from the stove to prevent the screw from getting hot. The mixer is a concern for mixing the air with the gas before it reaches the burner, and can be regulated by turning the thumb screw.

Natural gas is found in what is known as the trenton rock, and can be found, I understand, anywhere by going deep enough. Some localities it is near the surface of the earth and in other places thousands of feet below. Many persons believe that natural gas is generated near the center of the earth and is held within by the trenton rock. It is found that the top of the trenton rock is very hard and flinty, free from pores, while that part of the rock in which the gas is found is porous.

Some persons claim that there is no bed rock in this part of Tennessee. Our State Geologist says so, but does that make it so; he is liable to be mistaken, and has never bored any wells to ascertain this fact, but seems to base his opinion mainly on the general make up of the country, and from the fact that at one time the country between the Tennessee and Arkansas rivers was a portion of the Gulf of Mexico. Admitting that where Milan now stands was once a part of the Gulf of Mexico, and taking into con-

sideration the fact that the bed of the ocean generally consists of a bed of solid rock, it is not unreasonable to suppose that a solid bed of rock exists here at a depth of from six to seven hundred feet below the surface. If we find rock at this depth, my opinion is that we will find trenton rock at a depth of about 900 feet and gas at about 1000 feet. Hartford City bored three well numbered respectively 1, 2 and 3. No. 1 is about 550 feet deep and cost \$1,800 complete. No. 2 is 976 feet deep, cost \$2,000. No. 3. is 1060 feet deep, cost about \$1,900.

The value of a good gas well to Milan can not be over estimated; at present we have about four hundred dwellings and business houses that average two fires each during winter months, the average cost for fuel and light, with wood, coal and oil, is about fifty dollars each per year. The cost of fuel and light with natural gas as per rates charged in Hartford City, would be about sixteen dollars per annum for each house, a saving of thirty-four dollars to each house in favor of natural gas, or a saving to the town of Milan of \$13,600 per annum. A good gas well here would not only enhance the value of our property from fifty to one hundred per cent., but it would bring manufactories here and our population would increase ten to fifteen thousand in less than five years, manufacturing interests will come here to save money by the use of the gas.

One firm has decided to locate at Hartford City, which will save \$10,000 per year by using the gas for their engines and furnaces. It costs the Maumee rolling mills at Toledo, O., two hundred dollars per day to heat their furnaces with coal, it costs them thirty-seven dollars per day to heat them with gas, a saving to them of one hundred and sixty-three dollars per day.

Large rolling mills will have to be built somewhere to work up the endless quantity of iron ore along the line of the Tenn. Cent. & Ala. R. R. (now about to be built). If we succeed in getting a good well I see no reason why the rolling mills would not be built at Milan. If we fail to find gas there is but little or no doubt but that we will find artesian water, which will amply pay us for the money invested.

I hope that every citizen of Milan will see the importance of befriending this enterprise, and as many take stock in the well as can possibly afford to. Yours Truly,

O. F. CANTWELL.

## Arrived This Day.

We have just opened a large lot of Dry Goods. This is not fall stock, but a general fill up bill, suitable for this season of the year. You will now find on our counter a beautiful line of Prints and Gingham in the new shades and patterns. Shirting, Mixed Goods, Chivets, Sherwood Chambrays in all shades, solids and stripes. They are lovely. Bleached Goods, 3/8, 1/2, 1 1/2 and 2 1/2 widths. Canton Flannels in bleached, brown and colors, the largest assortment in town. Yarns in all colors for early knitting. In fact, our store is full again and we ask you to look through before buying. All our old customers will come and see us, we know, but bring some friend with you. We will make room for them.

## CHAMBERS' CASH HOUSE.

## Coal and Wood Yard.

I have in connection with my new livery feed stable, a large supply of two foot and stove wood and good Kentucky coal, all of which will be delivered in any part of town in any quantity at the lowest cash price.

J. E. YORK.