Mrs. Lillie Burke and son Will L. Burke came down from Greensboro tenance of county roads. Saturday for the sale of the personal husband. Mr. Burke and family had of his own.

Beil visited Mrs. E. C. Hart of Cum- \$29 a mile, or less than three-sevennock. Rt. 1, Sunday. Miss Flossie the of the cost of the next lowest. Dawkins and Mr. F. W. Dawkins of Much time was given to methods Durham were also guests of Mrs. Hart

Mr. Brinkley, a senior student at Wake Forest, preached two able sermons at the Baptist church Sunday. The young preacher made a fine impression and gives promise of a great career as a minister.

Mr. W. L. Langley, cashier of the Bank of Moncure, accompanied by Mr. B. A. Perry, of Pittsboro, attended the banquet given at Charlotte one evening last week in honor of the institution of the Charlotte branch of the Federal Reserve. Mr. Perry, who shared the banquet with the bankers, reports a great occasion, eating and speaking from early evening until toward midnight. Messrs. J. J. Jenkins and J. C. Gregson of Siler City also were present.

Capt Alston, veteran S. A. L. engineer, went up to Watts hospital last week for a few days recuperation.

Mrs. J. L. Griffin, president of the Woman's club, most deightfully entertained the members of her executive board Friday afternoon. Following the business session a social hour was enjoyed. A delicious sweet course was served by the hostess, assisted by Miss Sarah Griffin.

Mrs. R. H. Hayes returned Saturday from an extended visit to her sister at Cana, Davie county. Her sister has been quite ill, but was better.

ago. expected.

those present.

Nevertheless, the neunderstand. groes were jailed for the time being on charge of rckless driving and possibly another statutory charge.

trip should serve the county a good nizes few equals. This is rather a to. A crushing plant was installed to compete with Canadian farmers. letting him loose to resume business. purpose, as there was a whole day broad boast, but every analysis is given to the discussion of the main- proof of the statement. The coal of-

property of Mrs. Burke's deceased were present, and presumably there grade will not exceed 13,000. The were about 1600 sets of ideas as to coal has proven itself and though just moved to Greensboro when he how to do it. Mr. Ward was able we never meant to get very deep intook pneumonia and died within a to make a report of the lowest per- to coal mining we have carried on week. The boys are working in a mile upkeep of county roads of all the development and expansion of the sixteen hundred. The lowest the mine until we have now a capa-about four years, and has a home mile basis report besides that of this city of several hundred tons a day, county was \$70 a mile, reaching as besides an output of fertilizer, that Mrs. Effie Sikes and little Effie high as \$200. Mr. Ward reported gives promise of equalling the out-the upkeep cost of Chatham roads as put of coal, and which never entered our heads when we commenced to hunt for oil shales.

Much time was given to methods In the development of the mine we of financing county road work, and had our share of tribulation. To be-Mr. Ward was particularly impress- gin with we found that it was an ed with the idea of an automobile infinitely bigger job than we had license tax for this purpose. He says anticipated, and the growth of the license tax for this purpose. He says that the scheme would be particuworkings were all the time requiring larly applicable to this county, where further investment, and we have so many people pay very little tax, been like every other growing instiown automobiles and use the roads tution, our legs all the time stuck constantly. Chatham is trying to out too far through our trousers, for maintain its roads with an income as soon as we could get a new pair of \$34,000, and there are nearly the legs had grown longer. Then an accident a couple of years ago was There was quite a bunch of North a tremendously expensive thing for Carolinians in attendance, about 20 being in a party headed by Mr. E. F. we kept pounding along, selling coal Craven, road machine distributor of Greensboro, who on the return trip greensboro who in the return trip present we have working faces and arranged for a visit to one of the big steel plants at Pittsburgh, where facilities for more faces that are prethe party stopped for several hours. This was Mr. Ward's first trip to the Work of the Wor

All my life I have been familiar with coal mines, but there is no The trip took him through Washing-ton, Baltimore, Altoona. Cleveland has become one of the larger cities in the Triassic sand formation, while other coal field that is like the Deep of the country, its population being in the North the big fields are in the Carboniferous, a much older field and of different origin. For that reason our horizon is different from any other in the East, and the extent of our operations have widened the knowledge of the Triassic Industry Advances basin and brought many surprises. One of these is fertilizer. Soon after we began to dump waste rock that came up with the coal it was noticed that where the men threw watermelon seeds in the rock piles melon vines grew up rapidly and made wonderful melons. Tomatoes, potatoes and anything that had a seed to start from grew marvelously, and one day a humorous stranger who had been looking over our plant suggested to the railroad men that they ought to mow the right of way and the tracks. We used the rock from of grass was a joke. Some of the rock and scattered it on their crops, to at this time tell something of the and came for more. Then one day where he sells fertilizer the farmers

TOWN & COUNTY BRIEFS went at his own expense, yet the of heat for steam boilers, and recog- the company has been able to get in some parts of the United States see how his mind is and decide about ters 14,000 British theimal units. Is being loaded, and calls coming for the Panama Canal, at low freight Sixteen hundred county road men Many coals conceded to be of high product has been given the name taxing its citizens, and lets the whole and because of its cherty character,. Americans pay. Ashcraft-Wilkinson Company of Nor-

a good second to the coal, and that of tissue. the shale products other than these are for further experiment and development as we are able to assign the chief source of prospective pro- make them work. fit. But before the shales or anyderground light railroad, to install hoists above and underground to build three miles of standard rail-

road, buy a locomotive, establish an expensive pumping plant to raise the water that collects, and several hun-dred thousand dollars melts rapidly when put into such an industry. The YOU CAN get sugar and coffee FINE HEIFER FOR SALE-CALF Carolina Coal Company now has a fairly-well developed property at a cost of a few hundred thousand dollars, some of which has been paid for by coal produced, some by money produced by digging in pockets and elsewhere, and the prospect is that the company will bring to the surface much wealth from below the ground. How much it is to profit the owners is to be seen. But an industry has been added and a field opened that will have its in-

Much has been said about the Deep river mining region that is illusive. The State geologists and chemists have been on the right track all along, but many folks have expressed ideas that are whoily erroneous. It is likely that much coal the mines for ballast, and the growth and shale is there to be recovered, but unfortunately the field is not yet well defined, for as the veins are all deep in ground actually opening mines at big expense, or deep a fertilizer man was looking over drilling, which is also right costly, there. The basin is bothered with a number of bad faults which have try a car of that stuff for a fertili- cost our company much money, and zer ingredient. He tried it, and he will do the same with other workers SEED OATS - Virginia Gray mining on property adjoining the A rather serious wreck occurred The Carolina Coal Company had on the Chapel Hill highway Monday. Its beginning in the discovery of the couraged us to put the same experience. No one knows yet

folks, and now a car or more a day our East Coast and Europe, through Organic Chert because it is organic, world use the Canal at the same rate

Ashcraft-Wilkinson Company of Nor-folk, have been appointed selling agent for the Chert, largely because they became intrested in it and Milling also rat-proof, the city McLester. The heart works harder McLester. The heart works harder they became intrested in it, and to carry extra weight, but that is said it would be a material their only part of it. Fifty to one hundred trade would like to have, which has been borne out by their experience endless billions of living cells that

demand nourishment, heat, water, At the present time it looks as if the fertilizer material is to become that causes metabolism, or change

more capital to the work. While it class," or idle rich class in the sysvarious chemists who have assayed bute nothing except silly opinions, the materials brought from the are harmful to the entire body poli-mines agree that the shales are still tic and a way should be found to

Mr. Remus, who interrupted a thing else could be worked it was bootlegging career to kill his wife, necessary to open a big mine with and was congratulated, rather A real cure of that curse would thousands of yards of headings, strangely, by some of the jury that be worth fifty millions to its discov-

at the insistence of the fertilizer Northwest Canadian wheat reaches His wife is having a longer "period of rest" under the ground.

> Los Angeles sets a good example to other cities, ordering rat-proof features in all new buildings. It

would be an excellent idea, and economical in the long run, to make

Modern destructive gases might be used for rat, mouse and insect extermination, including the destruction of the dangerous flea-carrying ground squirrels and gophers.

Professor Ross, of Wisconsin University, is worried about over-popu-lation of the earth. Let married people have four children to a fami-Extra weight tires the body, brain ly, let the children marry and do and heart, constituting a "loafer likewise and population doubles ever twenty years. At that rate, this was the shale we started to pin our faith to, the company by its neces-sities turned to other things, but Dr. Villibrant, Dr. Gage and the more than twice the earth's present population.

A doctor of Manhattan, Kansas, believes he has found a cure for pyorrhea. Mr. Gundlach, of Chicago, thinks he also knows a cure.

cross-headings, rooms, working acquitted him, is to have "a period erer, and would be cheap at twice places, to build several miles of un- of rest under scrutiny." That's to that.

# **Classified** Ads

cheaper at O. M. Poe's.

PROFESSIONAL NURSE-I am located in Pittsboro and offer my services as a professional nurse to the people of Chatham county ELSIE LUCILE PETERSON R. N., Tel. No. 79.

EARLY JERSEY AND CHARLESton Cabbage Plants; 500 for 75c. 1,000 for \$1.25 .- A. B. CLEGG, Moncure, N. C.

WANTED-TWO LIVE MARRIED men to take subscriptions in this territory for a well known publication. Pays weekly salary. Year round work. No whiskey heads wanted. Apply in person at Blair Hotel on Wednesday, Feb. 10 to 11 a. m.

FOR BEST price on Chicken Feed, see O. M. Poe.

WANTED ---- 500,000 Crosstieswhite and post oak; also 50 car loads of cedar.-- O. M. Poe.

\$1.00 a bushel at O. M. Poe's.

WHOLE JERSEY MILK-15 CTS.

only few days old-as milker can not be beaten for price.-L. A. Copeland, Apex, R 3.

BEST FLOUR for price in town. See O. M. Poe.

PECANS, FRUIT TREES, ORNAmentals. Set now and save a year's time. For prices, etc, write J. B. Wright, Cairo, Ga.

EARLY JERSEY AND CHARLES. ton Cabbage Plants; 500 for 75c. 1,000 for \$1.25.-A. B. CLEGG, Moncure; N. C.

CONNELL pays the price and gets the cedar and ties. Try him and be convinced.

PLANTS FOR SALE—CABBAGE and Bermuda Onion Plants, all varieties, \$1 per 1000, 5000 lots 75c per 1000. Prompt shipment. Doris Plant Co., Valdosta, Ga.

REAL GOOD coffee at 25 cents a pound at O. M. Poe's. Try it.

FOR SALE: ONE CORN ROCK complete, ready to run, with belts, pulleys, etc. Makes two bushels good meal per hour. Price \$75. Also one wood saw ready to run, engine pulls either. Price \$75. Will trade both for Fordson tractor.-M. M. Buchanan, Moncure, Jan. 19. 2tc.

Chatham's Mining Fertilizer Produced As B. Product Is Greatly In De-

the West or to any city larger than

those of the Carolinas and Virginia.

estimated at close to a million, as is that of Pittsburgh.

#### mand By Farmers

By BION H. BUTLER So much that has not been founded on full knowledge of the situa-Word comes that Wade Harris, son tion has been said of the developof G. H. Harris was brought home ment of the coal mines at Coal Glen from harlotte hospital a few days by the Carolina Coal Company, that He had his tonsils removed and John R. McQueen, president of the was treated for leg disease. He is company, said recently that the degetting along as well as could be velopment and experimenting have farmers hauled away some of the reached such a state that it is proper

Mrs. W. B. Chapin delightfully en- causes and motives and successes tertained the Music Department of the woman's club Monday evening. An interesting program and delicious An interesting program and delicious and mishaps that have attended the have been connected with the mine of the mine the coal property and he noted the piles, and he said he would like to the coal property and he noted the of the disintegrating rock is a number of bad faults which have company much monoy one the disintegrating for the distribution of the distribution and mishaps that have attended the piles, and he said he would like to the company much monoy one cost out company much monoy one refreshments and social chat made since the day the first piece of shale the evening a very pleasant one for was picked up ten years ago I know the general inside of the story, which has been buying it ever since, and in the field. The Ramsey company,

on the Chapel Hill highway Monday. Three Rockingham negroes in a new Chevrolet plunged into a truck load-ed with tobacco, tearing up the Chev-rolet and injuring the truck. The Lee county farmer got his money understand. Nevertheless, the nepect, which had been called to the attention of Mr. Lane, an old friend from Pennsylvania, and a man endistilled to some modest extent on various reasons. Deep River ,but the discovery of petroleum had made the industry un- more firmly under us we reached out, successful, and it had been neglect- and had further tests made by the Howard Butler took the rock chemists, and finally a laboratory ed. The county is putting in a home and distilled it, and secured was set up at the mines wherein Dr. oil, ammonia, and other things. and Chas. H. Gage, of Washington, a by pressing the distillation deter- man high in his work was engaged mined a fair amount of gasoline, to make a careful and comprehenlubricant. and other petroleum prod- sive study of some of the products ucts. Then J. N. Powell, J. R. Mc- the state geologists and chemists had Mr. J. L. Womble has exchanged lot on Pittsboro street near his welling and has built a nice little E. R. Euchan a lease on several reports used for his work permitted cottage on this lot, for a lot and hundred acres of land in the edge of a charge of 25 pounds of material. house on Main street owned by the Chatham county, along the river. and included practically everything Seaboard Railroad Company. Mr. where we suspected we had located that is uncovered by the working of We then proceeded to prospect. of coal, the shales, the iron carbonmoved into the new cottage on the One of the first things was to distill ates that are found in the mines, the Pittsboro road. Dr. J. E. Cathell has innumerable samples of the rock we lower grades of coal, and at low moved into the house on Main St. found. and when we had gone far temperature, which appear separate enough to be encouraging Howard the chemical constituents of these Misses Nellie and Ethel Watson Butler took samples of the stuff to products to better advantage than who live near Sanford, visited their Washington and submitted them to high temperature do. sister, Miss Mae Watson, who is the Bureau of mines for investiga-clerking in C. B. Crutchfield's store. tion, with the result that the bureau his report to the directors of the Mr. Walker Maddox of Texas ar- found more oil and gas and ammonia coal company, and it was a surprisrived today, to see his uncle, Mr. than our cruder tests had done. So ingly interesting document. It not the mysterious Galapagos Islands I. B. Maddox, who is ill. A sister, we concluded to proceed farther, and Mrs. Hughes, and a brother, who we prospetced more vigorously with Villibrant had reported, but as Gage ors of the Mesozoic age, and, more lives near here, have also been at the hope that we could find and oper- distillations had been carried out on ate sufficient shales to develop a a much bigger scale than was posnew mineral industry in North Caro- sible with the smaller equipment in Capt J. H. Wissier will return to-morrow from a few days visit to Goldsboro. Mr. and Mrs. Gus Clark and chil-In a way we have been successful. In a way we have been successful. Mr. and Mrs. Gus Clark and children who were living with her fath-er, Mr. and Mrs. L. E. Cole have much profit to ourselves, we have coal products oils from light motor moved out to the farm about six produced enough coal to sell for spirit up to heavy lubricating oils Darwin visited those islands more miles of Moneure. near the highway nearly half a million dollars. with worth \$13.96 a ton, ammonium sul- than seventy-five years ago, and some other stuff that has brought phate to the value of \$9.50 a ton, iron Epworth League met Sunday some revenue. But it was not coal evening at 7 o'clock. Miss Ruth we were after. However, we had Womble, the President, called the not gone very far in our work until duced at \$5.50 a ton, leaving a marmeeting to order and roll was called we found that we were making con- gin of \$21.96. The further distillaby Miss Lois Ray, secretary, and siderable gas i nour prospect holes. tion of the various materials driven minutes read. Miss Amy Womble and presently we found an outcrop off by the reduction yielded a large made such a good talk on the lesson. of coal, and Mr. McQueen and How- number of interesting things, one A book "Christ of the Indian Road" and Butler concluded to turn to coal being a liquid from the ammonia was added to Epworth League li- and try to develop that and let it which Dr. Gage identified as the innay the cost of establishing the oil secticide which Dr. Dwight Pierce. shale industry which was what we former entomologist in the United had in mind at the start. We em- States Department of Agriculture barked on the coal business and everybody was surprised to discover life and particularly with boll weevil. that we had on the tract a type of Dr. Gage says in his report that th coal that has few equals in the world. Coal\_had been known and worked mony years before, but it had hold a bad name, and we met difficulty lina. He recommends a by-produce in rersuading people that the coal plant that would use 100 terms with from our mines was fit to use. But Mr. A. T. Ward, superintendent the analysis indicated a grade equal f county roads, enjoyed a trip to to the excellent coals of the Pitts-Cleveland, O., week before last. He burgh and Pocahontas region. and lion dollar's worth of fertilizer maattended a national meeting of coun- gradually people using it began to terial. v road men, in connection with encrociate its worth, and that satwhich was conducted a display of tled that. Deep river coal asks nothall kinds of road machinery. He ing from any coal as a generator

## **Moncure News Items**

A representative of Armour and company will be at V. H. Hilliard's store next Saturday. He will open and demonstrate canned fruits and give away free Armour's Star Ham sandwiches.

The bridge between the highway and Carolina Fower and Light plant fell while the company's truck was crossing it. Traffic has been hindered. new bridge and soon coming and going will be as usual.

Mr. T. B. Maddox, who has been sick for several weeks is still very weak. His many friends here hope for him a speedy recovery.

a lot on Pittsboro street near his dwelling and has built a nice little Seaboard Railroad Company. Mr. and Mrs. John Upchurch have va- the shale. cated the house on Main street and and it wil be used as his office.

the bed side of Mr. Maddox. Capt J. H. Wissler will return to-

running to Moore's bridge.

brary.

Mr. Ward Has Trip To Cleveland, Ohio

Reports Lowest Per Mile Upkeep of Reads at Meet National in its Scope

Meanwhile observers in the state employ like the State Geologist, Mr. gaged up there in producing coal. Bryson. Professor Villibrant, chemist None of us had ever seen a piece of at the University, Dr. Randolph, of bituminous shale, but as I was fa- State college, and others have been miliar with the distillation of shale looking into the products at the Caroil in Scotland, and had noticed that olina mines, and they have reported some interest was at that time lead- the possibility of many by-products. ing the government to investigate But we had no money to venture oil shale in the West it struck me afield, and although we began to that we had found oil shale there on realize that many things on the side Deep River, but the discovery of pe- promised to be worth while we could before the Civil War shales had been not undertake those things for

However as we found our feet

mines. He distilled the higher grade

only confirmed all that Professor coke worth \$4 a ton, making a total of 276, all of which can be proused with marked effect on insect Carolina mines can produce enough insecticide as a by-product to eradicate the boll weevil in North Caro plant that would use 100 tons daily as an initial unit, and says on the dump where the mine 'waste has been thrown is a quarter of a mil-

This fertilizer material is the first of the products aside from coal that

fluence.

After ten years of the closest possible contact with the Deep river coal and shale basin, the mines, at the drill holes, in the field, and wherever the matter could be studied I think the coal basin has much ahead of it in a broad way, according to the capital available. But the Carolina Coal company and the Ramsey company are both working out experiments that are not yet definitely determined. Both companies have the coal, and the other ma-terial. But it takes money to operate things, and a lot of it. Both have been undercaptialized all the

time. But both appear. And when they reach that point it ought to be a comfortable place for them, and for the industrial advancement of the state, for it is my belief that these two mines are well in the lead in among all the mineral resources of North Carolina.

TODAY THINKING FOR YOURSELF AGE BEING PUSHED BACK.

EXTRA WEIGHT TIRES. RAT PROOF BUILDING.

By ARTHUR BRISBANE

An expedition of the California Academy of Sciences returns from bringing giant lizards, only survivinteresting to the you.n of America, "flightless" cormorants, huge birds that have lost their power to fly be-

self applies to thinking for yourself. It's easy to lose that faculty. would have liked to explore the inaccessible mountain tops that no one thus far has visited.

B. C. Forbes says that great banking houses, notably Morgan & Co., biggest of the aggressively enterprising firms, admits to partnership men about forty years old. Davidson, Lamont, Morrow and other important Morgan partners were taken in at forty, the age supposed to combine sound judgment with power to carry a heavy load.

In other days forty began the Great careers, "graybeard" age. Great careers. Alexander and Napoleon, the two most spectacular, were over at that age. Age is pushing farther and farther back, and the J. P. Morgan of 200 years hence may be selecting seventy-five-year-old partners for their "combination of mental and physical strength.

Senator Capper, of Kansas, seeks reduction in railroad freights on grain. Not all farmers reaelize that oncie Sam's money has been spent to make it impossible for farmers

tion leading to recovery. See bus driver or write Greensboro-Fayetteville Bus Line, Durham.

crop.

FROM NOW ON-THE CHATHAM Oil and Fertilizer Company will gin only on Saturdays.



This nitrogen fertilizer meets every cotton need. Beats the weevil. Brings cotton through bad weather. Grows a strong, healthy, money-making

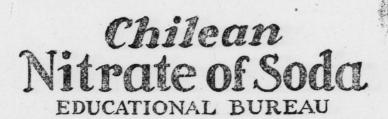
### **Read This!**

"I am through with cottonseed meal as a fertilizer for cotton. It's Nitrate of Soda for me from now on. It is quick acting and will get ahead of the boll weevil. I expect to use 200 to 300 lbs. per acre on my cotton this year. I am in the market for a car of Soda now." W. B. BUNTING

Nashville, N. C.

It's Soda, not luck, that makes real cotton success. Get your soda now for the new cotton crop.

> Free Fertilizer Book Write for our new 24-page illustrated book "Low Cost Cotton." It is free. Ask for Book No. 2 or tear out this ad and mail it with your name and address.



Dept. 68C, Professional Bldg., Raleigh, N. C.



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