

COUNTY GEOLOGY OUTLINE OF MOORE

(Continued from page 1)

at an angle of five to 25 degrees to the southeast, and at their extreme southeast boundary are apparently several thousand feet in depth. It is assumed that the Newark formation constitutes the only sedimentary rock in the basin which they occupy, and that whatever may be of mineral value in that section is exposed at the outcrop from the northwest to the southeast boundary.

"In the Sandhills extending from the Newark rocks to the southeastern boundary of the county the surface is composed of alternating and mixed sand and clay, which covers the basement igneous or metamorphic rocks to a depth of from a few feet to a couple of hundred. This sand clay formation is the newest formation in the territory, and from the view point of mineral production it has little to offer except sand. It is of the lower Cretaceous measures, and lies on the extension of the slate belt from the northwest. This shows the hopelessness of looking for oil or gas or other valuable deposit under the sandy belt. For the present the Sandhill section offers less to the man in search of mineral wealth than the other parts of the county, although the geology of the sand belts is such that it makes a highly desirable place to live, and a good place to raise certain crops, to build roads at low cost, to create winter homes, golf courses, and things of that sort.

"Perhaps the most promising part of the county from a mineral producing point is the slate belt. The slates themselves do not seem to have offered much to the miner, but in the more clearly defined volcanic matter a variety of minerals are found. These include gold, copper, pyrophyllite, known locally as talc, and others of less economic importance. Gold has been found in a number of places some in placer deposits, but chiefly in the rock. Copper is also shown in not very great quantity. But the mineral that has been developed sufficiently to be an industry is the talc, although it is not a true talc. Dr. Stucky has defined a field about five miles wide and 15 miles long within the county in which talc, or pyrophyllite, is so abundant that it is the only one of commercial value in the United States. Mines have been opened and worked near Glendon and on Cabin Creek, a couple of miles southwest of Hemp. The shipment of talc products is a considerable item each year in Moore County's industry. The available material for further development is abundant.

"The amount of gold or copper or other valuable metal is not very clear. While considerable production of gold has taken place in the county at one time or another the yields are not large and the operations not very profitable. It is possible these minerals may be worth further investigation, but not certain. In the slate belt a certain amount of pottery has been made, and of late years some that is of a rather pretentious character has been produced with more or less success. This is another thing worth looking into farther. The breaking down of the mineral constituents of the slate belt makes a soil of considerable strength and fertility and farming has a good prospect over the whole region. One drawback is encountered, which is common to all slaty regions, the tendency of the streams to go dry in a season of short rainfall. It is not as well provided in this respect as the sandy area.

"The belt of the red rocks, the Newark series, is rather well provided with useful minerals, of which the most used has been probably the fine building sandstone that has been quarried to considerable extent before cement construction became so common. The same brown sandstone that made Philadelphia famous for its brown stone fronts is found in the Moore county Triassic formation. Some excellent construction has employed this material. A vast amount of it could be procured within the red sand belt, and also a large supply of the gray sand that is in the lower horizon of the sand belt. It is something of an anomaly that we bought the stone to build our court house from Indiana when we have an abundance of an equally good stone in a few minutes walk of the courthouse. But we have no machinery for quarrying and cutting it. Here is a field for a big industry. Also all through the Newark belt and the slate belt are dykes of diabase, which is a hard and durable stone that can

be had in practically unlimited amount, close by the railroads, and of a character that would make ideal concrete and road material. Possibly this is Moore county's most valuable mineral asset. With the amount of building and road work going on in the state this rock should be in demand in great quantities, and with coal handy at Cumnock and at the Carolina company's mines at Coal Glen to furnish cheap power, or with electric power easily available, producing this rock should not be expensive. Gravel is also found in many places in the county, and should be utilized perhaps more than it is.

"It is known that coal exists in the Newark measures, but Moore county has not yet gone far enough in this direction to make any considerable or permanent development in coal production. A great deal of prospecting has been done, and some efforts made to get out coal, but they have not proven satisfactory. It is known that the whole coal field has been greatly faulted, and this has confused those who have undertaken to engage in mining. From what I can see it seems to me the coal deposits extend up the river from the Cumnock and Coal Glen fields, but in spite of much investigation in the field the entire distance I have not yet found sufficient evidence to have a definite opinion about any particular place in Moore county. The exposures are so covered by soil, and the dykes so numerous and the faults so disturbing that full investigation in the field and by the drill must be undertaken before money is spent wisely in beginning any operation. Campbell in his survey of the coal region in 1923 places the commercial limit of the field about Haw Branch. It is certain some coal exists west of that limit, but it is also certain that faults and dykes break up the measures badly, and the geology west of the Carthage-Glendon road is very complicated.

"The Shales of the Newark belt have the appearance of a source of much possible wealth, as they give an abundance of material that makes a brick or tile of the highest character, much better than any other brick or tile made extensively in the state. The entire Newark area is underpaid with shales, and in depth the quantity reaches into many hundred feet, and in places into thousands. There is thus such an amount of workable shale that it is unnecessary to consider the limit of the supply. Brick plants are now in operation in Lee and Chatham counties on these shales and the product is of much superior quality. The highest grades of tile and face brick are possible with these shales, and with the coal in the Deep river valley to burn the clay production is a simple matter.

"Also in the sandstone belt is a vast deposit of conglomerate stone which has been quarried and used for mill stones in large quantity. The Moore county mill stone grit ranks among the best in the world, and it is to be had at various places in the county. Another source of considerable income of late years is the production of sand for building and road uses. The Sandhill section of the county has billions of tons of right free sand, much of which is adapted for making concrete and mortars and for mixtures with asphalt for road surface, and much money has been realized from its sale in car lots at different points.

"Mineral waters are found in the Newark sandstone basin, that at Jackson Springs having a reputation that has built up a good patronage at the large hotel there, and created a trade in the bottled water over a wide range.

"The character of the rocky formations of the county give to the streams such shape and bottom that the development of water power is of great importance, and the county develops as much electric power as it uses. The steady flow of the Sandhills streams is unique. Because of the absorptive power of the sand the water is filtered out slowly and uniformly, and the variation of the flow of the streams in the sandy section is said to be without parallel any place in the United States. This enables a small Sandhill stream to afford more power the year round than a much bigger stream does in a territory of different geological character.

The sand and gravel in the surface soil makes road building a simple problem in the county, and the drainage in much of the area over comes the burden of deep construction of road understructure. Abundant material for road building is everywhere.

CARTHAGE

Thursday afternoon, the members of the Woman's club met in the club room for the regular monthly meeting. About eighteen members were present. The club discussed and decided to re-open the literary department about the first of the year. The library will open soon, also, with Mrs. R. L. Phillips librarian. The books have been recently indexed and re-catalogued for convenience of the readers. The club decided to give a Christmas party on Tuesday evening, December 29th. The money will be used on payments for the piano and incidental expenses. At the close of the business meeting, Mrs. Tom Cole and Mrs. Charles Clark, hostesses, served coffee and sandwiches.

Mr. and Mrs. O. B. Welch returned Saturday from Washington, N. C., where they spent Thanksgiving.

Mr. and Mrs. Herbert Jackson and family spent Thanksgiving in Greensboro.

Miss Bess Stuart returned Saturday from Rowland, after visiting her sister there.

Mr. and Mrs. Howard Burns of Raleigh, spent Thanksgiving with Mr. and Mrs. R. L. Burns.

Miss Annie McKeithen was in Sanford Thanksgiving.

Miss Myrtle Norton spent the week-end in Greensboro.

Mr. McNair Smith spent several days in Raeford on business last week.

Mr. C. C. Smith returned Monday from Danville, Va., where he spent Thanksgiving at home.

Mr. and Mrs. M. E. Fagg spent Thanksgiving in Dillon, S. C.

Mr. and Mrs. R. M. Caldwell and children of Aberdeen were the week-end guests of Mrs. N. A. McKeithen.

Miss Christine Aldred, Mrs. Huntley, and Miss Huntley of Aberdeen, were in town Monday.

Mr. and Mrs. R. C. Kirk returned Saturday in Sanford.

Misses May Stuart and Eliza Reid were in Sanford Saturday.

Mr. Charles Owens of Columbus, Ohio, spent the week-end in town on the way to Florida.

Mrs. Ed. Muse has returned from Fayetteville, where she was called by the illness of her mother.

Mr. Dwight Currie of the University was at home for Thanksgiving.

Mr. Ervin Fry of Oak Ridge spent Thanksgiving with Mr. and Mrs. R. G. Fry.

Mrs. W. H. McNeil is visiting her daughter, Mrs. C. B. Woltz, in Gastonia.

Mrs. T. B. Tyson and Mrs. H. F. Seawell attended the December meeting of the Alfred Moore Chapter of the Daughters of the American Revolution in Southern Pines Tuesday, at the home of Mrs. Milliken.

Mr. John Currie of State College spent Thanksgiving at home.

Miss Effie Jones of Columbia, S. C., and Mr. Donald Watkins of Rutherfordton, were the Thanksgiving guests of Mr. and Mrs. M. G. Dalrymple.

Miss Nellie Graves of Chapel Hill spent Thanksgiving with Mr. and Mrs. G. C. Graves.

Mr. Wilbur Currie attended the Carolina-Virginia football game at Chapel Hill Thursday.

Mr. L. E. Worsley of Creedmore,

STATE OF NORTH CAROLINA, COUNTY OF MOORE.

Notice is hereby given that under and by virtue of the power of sale contained in a mortgage deed executed by W. T. Roberts and wife, Magg N. Roberts, to Merchants & Farmers Bank of Aberdeen, Moore County, North Carolina, of date January 14, 1921 and recorded in the office of the Register of Deeds of Moore County in Book 32 at Page 547; the said mortgage having been duly assigned to Page Trust Company, of Aberdeen, N. C.; default having been made in the payment of the debt secured by said mortgage deed and the power of sale therein having become operative, the Page Trust Company, Assignee, will sell at public outcry to the highest bidder, for cash, before the Courthouse door at Carthage, Moore County, North Carolina, at twelve o'clock noon, on Wednesday, December 9, 1925, that certain piece, parcel or tract of land lying and being in Sandhills Township, Moore County, North Carolina, and described and defined as follows, to-wit:

Being a tract or parcel of land, in the Town of Aberdeen, N. C. Lying and being on the N. E. side of Maple Street, in the Town of Aberdeen, beginning at a stake, a corner of the old Aberdeen Lumber Co. lot; runs as that line, (now McI. Blue's line) N. 38 E. 190 ft. to a stake; thence S. 55 E. 100 ft. to a stake; thence S. 38 W. 190 ft. to Maple Street; thence with it N. 55 W. 100 ft. to the beginning, the same being formerly known as the T. A. Graham place; and the same that was conveyed to Sarah E. Pope by C. T. Johnson and wife by deed Feb. 28, 1919. And recorded in Book 73, Page 339 in the office of the Register of Deeds of Moore County, N. C.

For a more definite description of this tract or parcel of land, being the same conveyed by deed given by W. A. Blue and wife, Maude A. Blue, on the 22nd day of January, 1920 and being recorded in Book 77 at Page 45 of the Register of Deeds office, Moore County, N. C.

PLACE OF SALE: Carthage, N. C., Court House door.

TIME OF SALE: Hour of Noon, December 4, 1925.

TERMS OF SALE: Cash.

PAGE TRUST COMPANY, Per Johnson & Johnson, Attys. (Dec. 4).

was in town Thursday.

Mr. Curtis Fields of the University spent Thanksgiving at home.

Mr. M. G. Dalrymple attended the football game in Chapel Hill Thursday.

Mr. W. T. Overman spent the week-end in Charlotte and Salisbury.

Friday afternoon, little Miss Mary Fowler Spencer entertained a number of guests at a Thanksgiving tea. The children played many interesting games, after which dainty refreshments were served. Before leaving, the little guests enjoyed a bed time story heard over radio.

Miss Bertie May of Asheboro was the week-end guest of Miss Mary Currie.

Miss Martha Shover of High Point

spent Thanksgiving with Miss Mary Currie.

Mr. Frank Page, Jr., attended the V. M. -V. P. I. football game at Roanoke, Va., last Thursday.

Mr. Edward Burns of Duke University spent Thanksgiving with his parents, Mr. and Mrs. R. L. Burns. Mr. and Mrs. U. L. Spence entertained a few friends Thursday at a delicious Thanksgiving dinner. Five elaborate courses were served. Their guests were Misses Eula Blue and Augusta McKeithen and Mr. and Mrs. John Beasley.

North Carolina's construction during past 9 months exceeded 1924 total by 3 per cent.

Notice our Windows FOR December Displays

X-MAS GOODS NOW COMING IN

Whitman Candies	Toilet Sets
Eastman Kodaks	Perfumery Sets
Parker	Hand Painted China
Fountain Pens	X-mas Cutex Sets in 3 sizes

There is no need going elsewhere to buy what you will be able to get here at a better price.

WIGGINS DRUG STORE
Vass, North Carolina

added Economy

Only Buick has the sealed chassis and triple sealed engine



G-11-18

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the Better BUICK

Brown Buick Service Sta.
Sanford, N. C.

Mr. and daughter, S ford.
Miss Lou her friends and Bob B students of spent Than Mrs. J. B.
Mrs. He S. J. Gardn motored to Mr. and Thursday i dinner with the C game.
Mr. and children, C Miss Nora with relativ Mr. and to their ho Mr. and Meadows, guests of M day evening Mrs. Nel spent the h Roy Harrin Mr. and Lucy Spear Mrs. C. W. Mr. and dinner gues in Southern Mr. Alex relatives he Mr. and Mr. and Mrs home of the Mrs. H. P. Mrs. Guthri

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