

posits. The water is sold to some extent in the vicinity of Pikeville and in Goldsboro. A small amount of iron oxide has been deposited in the channel leading from the stream.

It is stated that the water of a large spring near Fremont is sold locally.

At Seven Springs there are a number of springs in close proximity to each other issuing from Black Creek beds near the base of a high escarpment. These, seven in number, have been walled up and roofed over and are kept in convenient order for the use of guests at the hotel. The property is owned by the Goldsboro Seven Springs Security Company of Goldsboro, N. C., which has been conducting the place as a health resort. Medicinal properties are ascribed to the waters of the several springs. Analyses have been made of these waters. (See Table 2, analyses 51-57, pp. 508, 509.)

One-half mile above Seven Springs are two other similar springs known as the "ninth" and "tenth" springs, respectively. A hotel is located here, also, medicinal properties having been ascribed to the water. This property is owned by Mrs. Fannie B. Ham. Water from both the "seven springs" and from the "ninth" and "tenth" springs has been bottled and sold to a limited extent.

At Goldsboro the waterworks plant is owned by the city. The water is obtained from Little River. It is very soft, containing on an average of 60 parts per million of total solids.

A number of deep wells have been drilled in the county, some of which enter the underlying basement rocks. For a partial list of those concerning which information has been obtained, see table of well data below.

At Goldsboro three wells have been drilled through the deposits of the Coastal Plain into the underlying basement rocks, the deepest, that of the Borden Manufacturing Company, attaining a depth of 807 feet. The rock surface beneath Goldsboro is apparently quite uneven, wells within short distances of each other upon the level plain upon which the town is situated entering the basement rocks at widely varying depths. The water-bearing beds of the Coastal Plain deposits have been cased off in all of these wells. The basement rocks yield a hard, alkaline water, rising within 30 to 50 feet of the surface, and on pumping yield supplies of from 20 to 85 gallons per minute.

Flowing wells have been obtained from the Patuxent formation on the farm of Mr. E. B. Borden, about $11\frac{1}{2}$ miles northwest of Goldsboro. There are 3 wells, each about 35 feet in depth and having about the same flow. A measurement of the flow of the well at the house gave