

At the National Cotton Mills, located $1\frac{1}{4}$ miles west of Lumberton, on a terrace plain bordering Lumber River, believed to be the Wicomico plain, there are 15 flowing wells. These were drilled in 1906. They are located convenient to the dwellings of the cotton mill employees. The depth of each is about 100 feet; the diameter of each is $1\frac{1}{4}$ inches; the average flow is 8 or 9 gallons per minute. The water is slightly ferruginous, but is satisfactory. It is used for domestic purposes only. See Plate XL, B.

At Fairmont and the surrounding region a large number of flowing wells have been obtained at depths ranging from 55 to 225 feet. The water from some of these is ferruginous.

At and near Raynham there are a number of wells ranging in depth from 35 to 110 feet, some of which flow at the surface.

At Red Springs and in the immediate vicinity there are a number of flowing wells with depths ranging from 40 to 100 feet. The water is high in iron and yields a red precipitate upon exposure to the air. Springs high in iron and yielding a red iron precipitate existed here before the wells were sunk. The town was named from these springs. The water is regarded as having medicinal properties, which has led to the establishment of a health resort. See Plate XLI, B.

A number of other wells have been drilled in various parts of the county from 35 to 100 feet in depth.

Assays and analyses of waters from this county are given elsewhere in this report, as follows: Table 1, pp. 502, 503, assays Nos. 164-167; Table 2, pp. 506, 507, analyses Nos. 44-49. These are discussed on page 490.

Artesian Prospects.—Over about the northwestern one-half of the county water of excellent quality, though in some cases a little high in iron, may be obtained at various depths beneath the surface down to several hundred feet from beds of the Patuxent formation. In many places, usually on ground somewhat lower than the general surface, flowing wells are possible. Over the southeastern half of the county the Black Creek beds furnish the water horizons. Excellent water is to be expected in these beds, also, although in some cases the content of iron salts is apt to be high. Flows are possible in many places, more especially on low ground along the streams.