

of LaGrange, as far as Falling Creek Station on the Norfolk Southern Railroad, there are many flowing wells ranging in depth from 57 to 158 feet. The amount of flow varies from 5 to 25 gallons per minute. The first flowing well in the Falling Creek region was drilled about the year 1889. The horizon tapped was at a depth of 60 feet. The water in some of these wells is slightly sulphurous. In wells near Falling Creek Station the water will rise about 6 to 15 feet above the surface.

Assays and analyses of waters from this county are given elsewhere in this report, as follows: Table 1, pp. 498, 499, assays Nos. 109-113; Table 2, pp. 506, 507, analyses Nos. 37, 38. These are discussed on page 488.

Artesian Prospects.—Abundant supplies of potable water are obtainable from the sand strata of the Peedee and Black Creek formations, particularly the latter, which underlie the whole county. Flows are possible on the Chowan terrace plain bordering Neuse River and on the lowlands along the tributaries of the Neuse.

COUNTY.

Yield per minute.		How obtained at surface.	Use.	Geologic horizon and character of water-beds.	Remarks.
Flow— gallons.	Pump— gallons.				
15	150	air lift.	city supply.	Black Creek formation; sand.	Other supplies at 88-104 and 212-220 ft. See analysis No. 38, table 2, pp. 506, 507. See Sec. Bull. U. S. G. S. 298, pp. 245-246. There are three similar wells used.
10				Black Creek formation; sand.	
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19		flows.	domestic.	Black Creek formation; sand.	Decrease from 6 to 2 gals. per minute. See water assay No. 110, table 1, pp. 498, 499.
3		flows.	drinking.	Black Creek formation; sand.	
		pitcher pump.	domestic.	Peedee formation?	
2		flows.	domestic.	Black Creek formation.	Another supply at 25 ft. Three other similar flowing wells. See water assay No. 113, table 1, pp. 498, 499.
		suction pump.		Black Creek formation?	
23		flows.	domestic.	Black Creek formation; sand.	
10		flows.	domestic.	Black Creek formation; sand.	
		pump.	domestic.	Black Creek formation; sand.	
12½		flows.		Black Creek formation; sand.	
16		flows.		Black Creek formation; sand.	
5		flows.	domestic.	Black Creek formation; micaceous sand.	
12		flows.	domestic.	Black Creek formation.	
11		flows.	domestic.	Black Creek formation; sand.	
25		flows.	domestic.	Black Creek formation; sand.	
			not used.		No water obtained.