

COUNTY—CONTINUED.

Yield per minute.		How obtained at surface.	Use.	Geologic horizon and character of water-beds.	Remarks.
Flow— gallons.	Pump— gallons.				
-----	-----	-----	-----	Black Creek formation.	Other horizons at 23 and 84 ft.
-----	-----	-----	-----	Black Creek formation.	
-----	-----	-----	-----	Black Creek formation.	
-----	-----	pump.	domestic.	Black Creek formation; sand.	
-----	-----	pump.	domestic.	Black Creek formation; gravel.	
6	-----	flows.	domestic.	Black Creek formation.	Other horizons at 16 and 28 ft.
2	-----	flows.	domestic.	Black Creek formation; sand.	
2	-----	pump.	domestic.	Black Creek formation; sand.	
24	-----	flows.	domestic.	Black Creek formation; sand.	
-----	-----	pump.	domestic.	Black Creek formation; sand.	
-----	-----	-----	not used.	Black Creek formation; sand.	
-----	-----	-----	-----	Black Creek formation; sand.	
-----	-----	-----	-----	Black Creek formation; sand.	

age intervene between the Cretaceous and Pleistocene beds, while in the east, in a narrow belt extending from Wilmington to Fort Caswell, the Eocene limestones mentioned above intervene, dipping eastward, becoming thicker toward Cape Fear River, and passing below water level before the river shore is reached. Pleistocene terrace deposits belonging in part to the Wicomico formation, but in greater part to the Chowan formation, consisting of sands, sandy loams and clays, form a surficial covering over nearly all the county. In the east along Cape Fear River estuary where the waves are cutting into the Chowan terrace the thickness of the Pleistocene deposits amounts to at least 30 feet, the entire face of the bluffs down to water level presenting beds of this age. Along the coast and along Cape Fear River there is a very limited development of beds belonging to the Pamlico formation.

Water Resources.—Shallow, open, and driven wells, ranging in depth from 10 to 25 feet, which derive their supply from the base of the surficial Pleistocene formations are common throughout the county. Springs, which are used to a limited extent for domestic purposes, are present in many parts of the county, occurring along the valley slopes. Deep wells have been drilled at a number of places in the county. In the table of well data given below are included those concerning which detailed information has been obtained.

A few additional notes may be added concerning wells and water conditions in the county.