

COUNTY.

Yield per minute.		How obtained at surface.	Use.	Geologic horizon and character of water-beds.	Remarks.
Flow— gallons.	Pump— gallons.				
-----	-----	flows.	domestic.	Black Creek formation; sand.	Other horizons at 45 and 70 ft.
-----	-----	flows.	domestic.	Black Creek formation; sand.	Another horizon at 100 ft.
small.	-----	flows.	domestic.	Black Creek formation; sand.	
6	-----	flows.	domestic.	Black Creek formation; sand.	Well in house, water pumped into tank by hydraulic ram. Other horizons at 14, 100, and 165 ft.
-----	-----	flows.	domestic.	Black Creek formation; sand.	Another horizon at 75 to 125 ft.
5	-----	flows.	drinking and bottling works.	Black Creek formation; gravel.	Other horizons at 80 and 140 ft.
9	-----	flows.	domestic.	Black Creek formation; sand.	Another horizon at 47 ft.
12	-----	flows.	domestic.	Black Creek formation; gravel and sand.	Other horizons at 80 and 125 ft.
3	-----	flows.	domestic.	Black Creek formation; gravel and sand.	
-----	good supply.	steam engine.	boiler.	Black Creek formation; sand.	Other horizons at 20 and 80 ft. Supplies 50 h. p. boiler.
8	-----	flows.	domestic and stock.	Black Creek formation; sand and gravel.	Another well 12 ft. higher on hill is 115 ft. deep, and water rises within 8 ft. of top.
-----	12	hand pump.	domestic.	Black Creek formation; coarse white sand.	Several horizons; marl bed pene- trated at 60 ft.
3	-----	flows.	domestic.	Black Creek formation; sand.	
-----	150	steam jet.	boiler.	Black Creek formation; sand and gravel.	Other horizons at 24 and 55 ft.
-----	-----	force pump.	domestic.	Black Creek formation; sand.	
-----	-----	gasoline engine.	domestic and bottling works.	Black Creek formation; sand.	{ There are a number of flowing wells at Lumberton. Other hori- zons at 24 and 55 ft. See text above.
-----	6	force pump.	domestic.	Black Creek formation; sand.	
-----	-----	flows.	domestic.	Black Creek formation; sand.	
6?	-----	flows.	domestic.	Patuxent formation.	Has another well similar to this.
20	-----	flows.	domestic and medicinal.	Patuxent formation; sand.	
30	-----	flows.	domestic and medicinal.	Patuxent formation; gravel.	Has several wells 20-30 ft. deep, and several 75 ft. deep. Another horizon at 25 ft.
5	-----	flows.	drinking.	Patuxent formation; sand.	Another horizon at 20 ft.

junction, at elevations of 30 to perhaps 40 or 50 feet. The Chowan plain is separated from the Wicomico plain by a well-defined scarp. The terrace plains are all more or less dissected by streams.

Geology.—The Patuxent formation, consisting of arkosic sands and drab, compact clays, is believed to underlie a strip a few miles wide in the extreme northwest. It passes to the southeast unconformably beneath the Black Creek formation. The beds of the latter formation, consisting of laminated, lignitic sands and clays with interbedded, marine beds in the upper part, underlie the remainder of the county. Pleistocene sandy clays, sands, and gravels form a surficial covering over all older formations. They are referred to the Coharie, Sunderland, Wicomico, and Chowan formations. Kerr has mapped both