

COUNTY.

Yield per minute.		How obtained at surface.	Use.	Geologic horizon and character of water-beds.	Remarks.
Flow— gallons.	Pump— gallons.				
				Black Creek formation?	
	20			basement rock.	Entered basement rock at 100 ft.
				basement rock.	Entered basement rock at 105 ft.
				basement rock.	
				basement rock.	Entered basement rock at 90 ft.
				basement rock.	Entered basement rock at 100 ± ft.
	25			basement rock.	Entered basement rock at 268 ft. Supply not sufficient and well not used.
	50			basement rock.	Entered basement rock at 175 ft. See sec. Bull. U. S. G. S. 138, pp. 200-203.
5				Patuxent formation.	
1 $\frac{1}{5}$				Patuxent formation; sand.	See assay No. 180, table 1, pp. 502, 503.
	84			basement rock.	Has two other wells similar to this. Entered basement rock at about 100 ft.
1				Patuxent formation; gravel.	
		flows.		Black Creek formation; blue sand.	
				Black Creek formation; sand.	
6		flows.		Eocene? greenish glauco- nitic sand.	See water assay No. 184, table 1, pp. 502, 503.
5		flows.		Black Creek formation? gravel.	See water assay No. 185, table 1, pp. 502, 503.
				Black Creek formation; sand.	Penetrates about 138 ft. of the Eocene limestone. See water assay No. 182, table 1, pp. 502, 503.
				Black Creek formation; sand and gravel.	
4		flows.		Black Creek formation; sand.	
7		flows.		Black Creek formation; coarse sand.	

eastward, and on Contentnea Creek passes finally below water level about 2 miles below Roundtree bridge. The depth of these rocks beneath the surface in the eastern part of the county is not known, but it probably does not exceed 150 or 200 feet. Over about the eastern one-third of the county the Patuxent formation, consisting of arkosic sands and drab, compact clays, rests upon the basal crystallines. These rise but little above water level along Contentnea Creek. Beds of Miocene age rest upon the Patuxent formation and overlap westward upon the crystallines to a little beyond Wilson. Pleistocene terrace deposits form a surface covering over all older formations. These are referred to the Coharie, Sunderland, Wicomico, and Chowan formations.

Water Resources.—The chief supply of water for domestic use is derived from the basal sandy and gravelly beds of the Pleistocene forma-