

Assays of waters from this county are given in Table 1, pp. 496, 497, assays Nos. 90, 91. These are discussed on page 487.

Artesian Prospects.—Flowing wells are possible at moderate depths, 75 to 150 feet, in the lowlands bordering the streams over the entire county. Along Contentnea Creek near Speights Bridge in the north-western part of the county it is doubtful if flows can be obtained at elevations greater than 70 feet. The lower the land the greater will be the flow in most cases. Farther down the stream in the region south-east of Snow Hill the flows come from a horizon in the Black Creek formation. On the high land in the interstream areas the same artesian water horizons will be reached at a slightly greater depth, and in most if not all cases the water will rise within reach of pitcher pumps.

In the extreme southeastern corner of the county shallow drilled wells may possibly obtain hard water, but if the drilling is carried to greater depths softer water should be found. In the higher interstream areas nonflowing waters may be expected from the Miocene beds which overlie the Cretaceous.

COUNTY.

Yield per minute.		How obtained at surface.	Use.	Geologic horizon and character of water-beds.	Remarks.
Flow— gallons.	Pump— gallons.				
-----	-----	-----	not used.	Black Creek formation?	Another horizon at 153 ft.
1	-----	flows.	-----	Black Creek formation?	
-----	10	steam jet.	boiler.	Black Creek formation? gravel.	
13	-----	flows.	domestic.	Black Creek formation; sand.	
4	-----	flows.	domestic.	Black Creek formation; sand.	
2	-----	flows.	domestic.	Black Creek formation; sand.	
6	-----	flows.	domestic.	Black Creek formation; sand.	
3	-----	flows.	domestic.	Black Creek formation; sand.	
2½	-----	flows.	domestic.	Black Creek formation; sand.	
20?	-----	flows.	domestic.	Patuxent formation; sand?	
6	-----	flows.	domestic.	Patuxent formation; sand?	
10	-----	flows.	domestic.	Patuxent formation; sand?	
about 10	-----	flows.	boiler.	Patuxent formation; sand?	
30	-----	flows.	domestic.	Patuxent formation; sand?	
6	-----	flows.	domestic.	Patuxent formation; sand?	
35	-----	flows.	domestic.	Patuxent formation; sand?	
-----	5	force pump.	domestic.	Black Creek formation; sand.	
-----	2	hand pump.	domestic.	Black Creek formation; coarse red sand.	
-----	-----	pitcher pump.	domestic.	Black Creek formation.	