WASHINGTON

Number.	Location.	Owner.	Date completed.	Elevation of surface above datum—feet.	Datum.	Depth—feet.	Diameter—inches.	Depth to principal water supply—feet.	Height of water, ± surface—feet.
1	Plymouth	City	1902	12±	sea level.	190±	----	148	—4
2	----do	C. J. Norman	------	15±	sea level.	172	2	--------	------
3	----do	Roanoke Hotel	1902	12±	sea level.	225	3	--------	—2
4	----do	D. O. Brinkley	1905	15±	sea level.	185	2	--------	—4
5	Plymouth, 2 miles S. of	W. F. Lucas	1905	------	--------	185	2	180	—9
6	Roper	T. W. Blount	1901	10	sea level.	225+	2	225	+1
7	----do	John L. Roper Lumber Co.	1903	11	sea level.	225	2	216	—2
8	Mackey's Ferry, 2½ miles W. of.	C. W. Blount	1903	15±	sea level.	260	2	200±	+2
9	----do	----do	1903	15±	sea level.	193	2	193	—2
10	----do	----do	------	15±	sea level.	140	2	--------	------
11	----do	----do	------	15±	sea level.	200±	2	190±	0

WAYNE COUNTY.

Topography.—The surface of this county is formed of three Pleistocene terrace plains. Owing to the lack of topographic maps over all but the northern one-fourth of the area, their detailed distribution is but imperfectly known. The Wicomico plain forms a belt several miles wide along Neuse River at elevations of perhaps 70 to 80 feet above sea level. The Sunderland plain covers most of the surface to the north of Neuse River and a portion of the southeastern part of the county, at elevations of 110 to 150 feet. The highest or Coharie plain forms the surface of much of the southwestern part of the county, with probable elevations of 160 to 190 feet. These two latter are considerably dissected by stream erosion. The plains are separated from each other in places by well-defined escarpments.

Geology.—The northwestern part of the county is closely underlain by ancient slate rocks which appear at the surface along Little River and at various other places. Their upper surface dips to the southeast and passes below water level. The Patuxent formation, consisting of arkosic sands and drab, compact clays, rests upon the uneven surface of the slate. The beds of this formation do not rise much above water level in Neuse River, and southeast of Goldsboro they pass finally beneath low-water level. The laminated sands and clays of the Black Creek formation rest upon the Patuxent beds unconformably. These