

ONSLOW

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	Jacksonville	John L. Roper Lumber Co.	about 1894.	15±	sea level.	160	6		
2	do	F. W. Hargett	1895	15±	sea level.	150	1½		+ 6
3	do	G. T. Walton	1901	15±	sea level.	72	1½		
4	do	W. B. Murrill	1904	10	sea level.	25	2		
5	Sparkman	E. H. Walton	1902			65	1½		
6	Verona	E. H. Morton	1905	51±	sea level.	87	1½		— 2
7	Catherine Lake	G. H. Simmons				210	1½		
8	Richlands	R. V. Venters		35±	sea level.	225	1½		
9	do	W. E. Taylor	1907	35±	sea level.	31	1½		— 2
10	do	W. B. Venters		35	sea level.	125			—10?
11	Marines	W. N. Marine	1901			90	2		+ 1
12	Swansboro	Swansboro Land and Lumber Co.				234	3		
13	do	do				62	2½		—12

PAMLICO COUNTY.

Topography.—With the exception of a strip a few miles wide along the western border the surface of this county is low and level, probably not exceeding 15 feet above the sea, and much of it is swampy. It falls within the lowest or Pamlico terrace plain of the Pleistocene, which has a widespread development in the counties bordering the sounds of eastern North Carolina. The belt along the western border forming the exception noted above is made up of low, rolling sandhills, and probably forms the eastern edge of the next higher or Chowan terrace plain. These sandhills are separated from the Pamlico plain by a well-defined scarp running north and south which may be seen just to the east of Arapahoe and Grantsboro.

Geology.—The surface materials over the whole county consist of Pleistocene sands, sandy loams, and clays belonging to the Chowan and Pamlico formations. It is probable that in the eastern part of the county these deposits, which are of terrace origin, are underlain by marine Pleistocene deposits consisting of sands and shell marls. Beneath the Pleistocene beds the entire county is underlain by deposits of Tertiary age. Those immediately beneath the Pleistocene are probably referable to the Pliocene, although these may not outcrop at the surface. They consist of sands, clays, and shell marls. Similar beds of Miocene age underlie the Pliocene. These may rise above tide level