

GEORGIA
STATE DIVISION OF CONSERVATION
DEPARTMENT OF MINES, MINING AND GEOLOGY
GARLAND PEYTON, Director

THE GEOLOGICAL SURVEY
Bulletin Number 70

WELL LOGS OF THE
COASTAL PLAIN OF GEORGIA

by

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Prepared cooperatively by the U. S. Geological Survey

ATLANTA
1961

WILCOX COUNTY

Location: Approximately 3.5 mi. south of Pitts
 Owner: No. 2 A. C. Shell
 Driller: T. D. Yers
 Drilled: February 1947

Well No.: GGS 142
 Elev.: 405

	Thickness (feet)	Depth (feet)
Miocene (Undifferentiated):		
Clay: mottled, sandy, limonitic	20	20
Clay: gray to yellowish-green, sandy	70	90
Oligocene (Undifferentiated):		
Limestone: white, dense, crystalline, cherty	50	140
<i>Quinqueloculina</i> sp. at 140-150.		
Limestone: white, soft, porous, fossiliferous (some Foraminifera)	57	197

Summary:

Miocene (undifferentiated)	90	90
Oligocene (undifferentiated)	107	197

Potential Water-Bearing Zones:

Limestone	57	197
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WILCOX COUNTY

Location: State Fish Hatchery, Bowens Mill
 Owner: State (Georgia) Department of Wild Life
 Driller: Tucker and Woffe
 Drilled: July 1953

Well No.: GGS 349

	Thickness (feet)	Depth (feet)
Miocene (Undifferentiated):		
Clay: mottled, very sandy, limonitic	45	45
Clay: light-gray to pale-green, sandy	10	55
In Oligocene (Undifferentiated):		
Limestone: white, crystalline, much calcitized, cherty, fossiliferous (bryozoan remains and some Foraminifera)	52	107
<i>Quinqueloculina</i> sp., <i>Rotalia mexicana</i> var. at 60-75.		

	Thickness (feet)	Depth (feet)
Summary:		
Miocene (undifferentiated)	55	55
In Oligocene (undifferentiated)	52	107

Potential Water-Bearing Zones:

Limestone	42	107
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WILKINSON COUNTY

Location: In Irwinton
 Owner: No. 1 William Sites
 Driller: Georgia-Florida Well Drilling Company
 Drilled: July 1955

Well No.: GGS 441
 Elev.: 465¹

	Thickness (feet)	Depth (feet)
Upper Eocene: Jackson Group: Barnwell Formation:		
Clay: brown, sandy, limonitic, and fragments of residual limestone	40	40
Marl: yellowish-green, silty, fossiliferous (some Foraminifera) <i>Valvulineria jacksonensis</i> at 60-70.	50	90
Limestone: white, somewhat leached, sandy, fossiliferous (macroshells, echinoid and bryozoan remains)	20	110
Upper Cretaceous: Tuscaloosa Formation:		
Kaolin: white, micaceous, somewhat sandy	40	150
Sand: fine to coarse-grained, angular; interbedded clay (or kaolin)	180	330

Summary:

Upper Eocene (Barnwell formation)	110	110
Upper Cretaceous (Tuscaloosa formation)	180	330

Potential Water-Bearing Zones:

Sand: fine to coarse-grained	150	330
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¹Average elevation based on Georgia State Highway Maps.