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

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WELL LOGS OF THE COASTAL PLAIN OF GEORGIA

by

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ATLANTA
1961

CRISP COUNTY

Location: In Cordele
Owner: No. 3 City of Cordele
Driller: Layne-Atlantic Company
Drilled: May 1948

Well No.: GGS 155
Elev.: 330

	Thickness (feet)	Depth (feet)
Miocene (Undifferentiated):		
Clay: gray to tan to red (mottled), very sandy	8	8
Clay: pale yellowish-green with red streaks (mottled), blocky, sandy	10	18
Sand: fine to coarse-grained, subangular, arkosic	11	29
Clay: light-brown, somewhat indurated, tough, very sandy	6	35
Clay: pale yellowish-green to dark-green with red streaks (mottled) at depth, blocky, sandy	54	89
Sand: fine to coarse-grained, subangular, arkosic	4	93
Oligocene (Undifferentiated):		
Limestone: gray, extremely dense and crystalline, cherty, fossiliferous (some bryozoan remains and Foraminifera)	3	96
Rotalia mexicana var. at 93-96.		
Limestone: yellow, nodular, somewhat calcitized, sandy, fossiliferous (as above)	67	163
Upper Eocene: Jackson Group: Ocala Limestone:		
Limestone: white, much calcitized, saccharoidal, fossiliferous, (bryozoan remains and some Foraminifera)	137	300
Operculinoides sp. at 173-248.		
Lepidocyclina sp. at 248-270.		
Lepidocyclina sp., *Gypsina globula, Camerina striatoreticulata* at 270-300.		
Middle Eocene: Claiborne Group: Lisbon Formation:		
Marl: light-gray, micaceous, glauconitic, fossiliferous (Foraminifera); interbedded sand, fine to coarse-grained, angular, phosphatic, glauconitic	71	371
Asterigerina sp., *Discorbis yeguaensis* at 300-330.		
Asterigerina lisbonensis, Cibicides westi at 330-371.		
Limestone: gray, dense, crystalline, sandy, fossiliferous at depth (a coquina)	44	415

Tallahatta Formation:		
Sand: fine to coarse-grained, angular, phosphatic, fossiliferous (abundant macroshells)	78	493
Sand: fine to coarse-grained, angular, phosphatic	47	540
In Lower Eocene: Wilcox Group (Undifferentiated):		
Clay: light-gray, silty, micaceous, carbonaceous	44	584
Clay: light-brown, somewhat indurated and tough; sand, fine to coarse-grained, abundantly glauconitic	91	675
Paleocene: Midway Group: Clayton Formation:		
Limestone: light-gray, extremely dense, crystalline, sandy, coarsely glauconitic, fossiliferous (some bryozoan remains, casts and molds of megafossils, and some Foraminifera); clay, black, fissile, carbonaceous	110	785
Upper Cretaceous: Providence Sand:		
Sand: fine-to coarse-grained, subangular	31	816

Summary:

Miocene (undifferentiated)	93	93
Oligocene (undifferentiated)	70	163
Upper Eocene (Ocala limestone)	137	300
Middle Eocene (Lisbon formation)	115	415
Middle Eocene (Tallahatta formation)	125	540
In lower Eocene (Wilcox group, undifferentiated)	135	675
Paleocene (Clayton formation)	110	785
Upper Cretaceous (Providence sand)	31	816

Potential Water-Bearing Zones:

Limestone	52	300
Sand: fine to coarse-grained	125	540
Sand: fine to coarse-grained	91	675
Sand: fine to coarse-grained	11	707
Sand: fine to coarse-grained	31	816