

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

	Thickness (feet)	Depth (feet)
Middle Eocene(?): Claiborne Group (Undifferentiated):		
Sandstone: tan, fine-grained, angular, coarsely glauconitic.....	?	341

Summary:

Residuum	50	50
Upper Eocene (Ocala limestone).....	291	341
Middle Eocene(?) (Claiborne group, undifferentiated).....	?	341

Potential Water-Bearing Zones:

Limestone	291	341
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MITCHELL COUNTY

Location: 0.2 mi. southeast of Jenkins Quarry
 Owner: Test Hole
 Driller: Marquette Cement Company

Well No.: GGS 620
 Elev.: 270

	Thickness (feet)	Depth ¹ (feet)
In Oligocene (Undifferentiated):		
Limestone: white, somewhat saccharoidal, fossiliferous (Foraminifera); some clay, pale brownish-gray, blocky, tough.....		16
<i>Asterigerina subacuta, Siphonina advena, Lepidocyclina</i> sp. at 16.		
Limestone: as above, but more calcitized, sparingly fossiliferous (rare Foraminifera).....		30
Limestone: white, much calcitized, somewhat nodular, granular, porous		60
Limestone: cream, somewhat saccharoidal, nodular, calcitized.....		78
Limestone: as above, but fossiliferous (Foraminifera).....		93
<i>Rotalia mexicana</i> var. at 93.		
Limestone: as above.....		113
Limestone: as above.....		125

In Upper Eocene: Jackson Group: Ocala Limestone:

Limestone: flat-white, much calcitized, somewhat saccharoidal, fossiliferous (abundant bryozoan remains and some Foraminifera)		132
<i>Eponides jacksonensis, Operculina mariannensis</i> at 132.		

¹Depth below land surface of spot samples.

	Thickness (feet)	Depth (feet)
Limestone: as above.....		151
Limestone: flat-white, more calcitized than above, granular, saccharoidal, fossiliferous (bryozoan remains).....		171
Summary:		
In Oligocene (undifferentiated).....	109 ²	125
In upper Eocene (Ocala limestone).....	39 ²	171
Potential Water-Bearing Zones:		
Limestone.....	155	171

MONTGOMERY COUNTY

Location: 10.35 mi. northwest of Uvalda (map distance), and 0.5 mi. south of McAllister Creek

Well No.: GGS 319

Elev.: 133

Owner: No. 1 Hugh Peterson

Driller: Dixie Well Drilling Company

Drilled: September 1952

	Thickness (feet)	Depth (feet)
Miocene (Undifferentiated):		
Sand: fine to medium-grained, angular, arkosic; interbedded clay, light-gray, sandy, limonitic.....	50	50
Clay: dark-green, sandy; interbedded sand, as above.....	50	100
Clay: dark-green, sandy, sandier with depth; interbedded limestone, white, somewhat calcitized and crystalline, sandy, fossiliferous (macroshells at depth); beds of sand, fine to coarse-grained, angular grains, phosphatic (at depth).....	120	220
Macroshells at 140-150.		
Black phosphatic pebbles common at 160-170.		
Macroshells abundant at 200-220.		

Oligocene (Undifferentiated):

Limestone: white to light-gray, nodular, fossiliferous (bryozoan remains and some Foraminifera).....

20

240

Elphidium sp. at 220-230.

Pyrgo sp. at 230-240.

²Estimated from spot samples.