

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

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**THE GEOLOGICAL SURVEY**  
Bulletin Number 70

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**WELL LOGS OF THE**  
**COASTAL PLAIN OF GEORGIA**

by

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United States Geological Survey



Prepared cooperatively by the U. S. Geological Survey

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**ATLANTA**  
**1961**

## TATTNALL COUNTY

Location: At Reidsville Prison  
 Owner: Reidsville Prison  
 Driller: Layne-Atlantic Company  
 Drilled: 1956

Well No.: GGS 522  
 Elev.: 187

	Thickness (feet)	Depth (feet)
No samples	190	190

**In Miocene (Undifferentiated):**

Clay: yellowish-green, sandy, phosphatic; interbedded sand, fine to coarse-grained, phosphatic	80	270
Clay and sand: as above; interbedded limestone, white, sandy	70	340
Limestone: white, dense (much calcitized), sandy	50	390
Clay: yellowish-green to pink (mottled), sandy	65	455
Dolomitic limestone: light-brown, saccharoidal, sandy, phosphatic, fossiliferous (casts and impressions of megafossils)	40	495
Limestone: gray, extremely dense (much calcitized), sandy, coarsely phosphatic, fossiliferous (casts and impressions of megafossils)	10	505

**Oligocene (Undifferentiated):**

Limestone: pinkish-brown, massive (much calcitized), nodular, somewhat oolitic, fossiliferous (Foraminifera)	20	525
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*Cibicides americanus* at 505-515.

*Pyrgo* sp., *Asterigerina subacuta*, *Rotalia byramensis* var.,  
*Quinqueloculina* sp. at 515-525.

**Upper Eocene: Jackson Group: Ocala Limestone:**

Limestone: light-gray, crystalline (much calcitized), fossiliferous (bryozoan remains and Foraminifera)	153	678
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*Operculinoides* sp. at 525-538.

*Asterocyclina* sp., *Gypsina' globula* at 538-548.

*Asterocyclina nassauensis*, *Pseudophragmina flintensis* at 578-588.

**Summary:**

No samples	190	190
In Miocene (undifferentiated)	315	505
Oligocene (undifferentiated)	20	525
Upper Eocene (Ocala limestone)	153	678

**Potential Water-Bearing Zones:**

Limestone	153	678
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