

**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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Prepared cooperatively by the U. S. Geological Survey

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**ATLANTA**  
**1961**

## TERRELL COUNTY

Location: In Dawson  
 Owner: No. 1 Dawson Cotton Mill  
 Driller: Layne-Atlantic Company  
 Drilled: June 1953

Well No.: GGS 352  
 Elev.: 345

	Thickness (feet)	Depth (feet)
<b>Residuum:</b>		
Sand: fine to coarse-grained, angular; interbedded clay, mottled, sandy, limonitic; residual limestone, yellow, iron-stained, fossiliferous (Foraminifera) .....	82	82
<i>Rotalia byramensis</i> var., <i>Quinqueloculina</i> sp. at 15-23.		
<i>Spiroloculina</i> sp. at 23-33.		
<b>Middle Eocene: Claiborne Group (Undifferentiated):</b>		
Sand: fine to coarse-grained, limonitic, fossiliferous (macroshells at depth); interbedded clay, yellowish-green to cream, sandy, fossiliferous (Foraminifera at certain horizons) .....	108	190
<i>Cibicides westi</i> , <i>Cibicides</i> cf. <i>C. refulgens</i> at 105-125.		
Abundant macroshells at 94-105.		
Sand: as above .....	14	204
<i>Cibicides tallahattensis</i> and abundant macroshells at 190-201.		
<b>Lower Eocene: Wilcox Group (Undifferentiated):</b>		
Limestone: gray, extremely dense, crystalline, sandy, coarsely glauconitic, fossiliferous (macroshells); some clay, dark-gray, silty, carbonaceous, micaceous, pyritiferous .....	24	228
Clay: as above, glauconitic and fossiliferous at depth .....	51	279
<i>Eponides dorfi</i> , <i>Anomalina umbonifera</i> , <i>Cibicides praecursorius</i> at 217-228.		
Sand: fine to medium-grained, subangular, abundantly glauconitic, fossiliferous (macroshells and fish teeth) .....	31	310
<b>Paleocene: Midway Group: Clayton Formation:</b>		
Sand: fine to coarse-grained, subangular, scattered grains of pale-green quartz; some clay (or fuller's earth), light-gray, silty, somewhat indurated, blocky, carbonaceous, micaceous .....	20	330
Clay (or fuller's earth): as above .....	5	335

	Thickness (feet)	Depth (feet)
Limestone: light-gray, dense (much calcitized), sandy, coarsely glauconitic, pyritiferous, fossiliferous (macroshells, bryozoan remains, Ostracods and Foraminifera) .....	98	433
<i>Eponides lotus</i> , <i>Globulina gibba</i> var., <i>Anomalina midwayensis</i> , <i>Cibicides howelli</i> , <i>Cibicides praecursorius</i> at 335-367.		

## Summary:

Residuum .....	82	82
Middle Eocene (Claiborne group, undifferentiated) .....	122	204
Lower Eocene (Wilcox group, undifferentiated) .....	106	310
Paleocene (Clayton formation) .....	123	433

## Potential Water-Bearing Zones:

Sand: fine to coarse-grained .....	75	190
Sand: fine to coarse-grained .....	41	320
Limestone .....	98	433

## Remarks:

Well cuttings of poor quality; not good enough to differentiate the Claiborne group.

## TERRELL COUNTY

Location: In Sasser  
 Owner: City of Sasser  
 Driller: Layne-Atlantic Company

Well No.: GGS 368  
 Elev.: 315

	Thickness (feet)	Depth (feet)
<b>Residuum:</b>		
Sand: fine to coarse-grained, angular, limonitic; some clay, dark-brown, sandy, carbonaceous .....	5	5
Clay: light-gray to red (mottled), sandy, limonitic .....	30	35
Clay: olive-green to tan, sandy; some mottled clay, as above ...	8	43
Clay: as above, with fragments of residual limestone, yellow to white, much leached, fossiliferous (macroshells and bryozoan remains) .....	21	64
Sand: fine to coarse-grained, angular .....	23	87
No samples .....	18	105