

**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**

## MACON COUNTY

Location: 8-10 miles north of Montezuma  
 Owner: No. 1 Norris Cattle Company  
 Driller: Layne-Atlantic Company  
 Drilled: 1954

Well No.: GGS 422

Thickness  
(feet)

Depth  
(feet)

**Lower Eocene: Wilcox Group (Undifferentiated):**

Clay: brick-red, sandy, limonitic.....	16	16
Sand: fine to coarse-grained, angular, somewhat phosphatic, limonitic .....	58	74

**Paleocene: Midway Group: Clayton Formation:**

Clay: black, fissile, carbonaceous, sparsely glauconitic.....	10	84
Sand: fine to coarse-grained, angular, limonitic, pyritiferous, sideritic .....	10	94
Clay: light-gray; limestone, gray, dense, crystalline (much calcitized), sandy, fossiliferous (macroshells and some Foraminifera); sand, as above.....	21	115

*Cibicides newmanae, Eponides lotus* at 94-105.

**Upper Cretaceous: Providence Sand:**

Clay: black, micaceous, lignitic; sand, fine to coarse-grained, arkosic, pyritiferous, sideritic.....	11	126
Sand: fine to coarse-grained, angular, arkosic, limonitic; in- terbedded clay, dark-gray, silty, micaceous, pyritiferous.....	51	177

**Ripley Formation:**

Clay: dark-gray, sandy, micaceous, pyritiferous, sideritic, fossiliferous at certain horizons (macroshells); interbedded sand, fine to coarse-grained, limonitic.....	215	392
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Siderite abundant at 228-249.

Macroshells present at 249-260.

**Summary:**

Lower Eocene (Wilcox, undifferentiated).....	74	74
Paleocene (Clayton formation).....	41	115
Upper Cretaceous (Providence sand).....	62	177
Upper Cretaceous (Ripley formation).....	215	392

**Potential Water-Bearing Zones:**

Sand: fine to coarse-grained.....	51	177
Sand: fine to coarse-grained.....	61	392