

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

THE GEOLOGICAL SURVEY
Bulletin Number 70

WELL LOGS OF THE
COASTAL PLAIN OF GEORGIA

by

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Prepared cooperatively by the U. S. Geological Survey

ATLANTA
1961

	Thickness (feet)	Depth (feet)
In Lower Tuscaloosa Formation:		
Sand: coarse-grained, subangular grains of "rose quartz"; interbedded clay, yellowish-green to brick red to purple (mottled), very micaceous, greasy appearing, sandy.....	220	1,530
Sand: as above but finer-grained; interbedded clay, as above.....	60	1,590

Basement Complex (Undifferentiated):

Crystalline rock: dark-gray to black, dense, crystalline, biotite gneiss (?)	180	1,770
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Summary:

Paleocene (Clayton formation).....	10	10
No samples	10	20
In Upper Cretaceous (Providence sand).....	160	180
In Upper Cretaceous (Ripley and Cusseta, undifferentiated).....	300	480
In Upper Cretaceous (Blufftown and Eutaw, undifferentiated).....	480	960
In Upper Cretaceous (Tuscaloosa formation).....	630	1,590
Basement complex (undifferentiated).....	180	1,770

Remarks:

- Interval 430-480 probably representative of Cusseta sand.
- Interval 920-960 possible Eutaw formation restricted.

MILLER COUNTY

Location: Below elevated steel reservoir in Colquitt
 Owner: No. 2 City of Colquitt
 Driller: W. B. Graham
 Drilled: June 1946

Well No.: GGS 112
 Elev.: 169

	Thickness (feet)	Depth (feet)
No samples	450	450
In Lower Eocene: Wilcox Group (Undifferentiated):		
Limestone: white, sandy, coarsely glauconitic, fossiliferous (Foraminifera)	70	520
<i>Asterocyclina</i> sp. at 510-520.		
Sand: fine to medium-grained, glauconitic, fossiliferous (Foraminifera)	140	660
<i>Eponides dorfi</i> at 600-610.		
Marl: gray, silty, carbonaceous, micaceous.....	50	710
No samples	230	940

	Thickness (feet)	Depth (feet)
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In Paleocene: Midway Group: Clayton Formation:

Limestone: gray, crystalline, fossiliferous (Foraminifera).....	100	1,040
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Anomalina midwayensis at 940-950.*Operculinoides* sp. at 1010-1020.**Summary:**

No samples	450	450
In lower Eocene (Wilcox group, undifferentiated).....	260	710
No samples	230	940
In Paleocene (Clayton formation).....	100	1,040

Potential Water-Bearing Zones:

Limestone	100	1,040
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MITCHELL COUNTY

Location: In Sale City below elevated steel reservoir

Well No.: GGS 100

Owner: No. 1 Sale City

Elev.: 350¹

Driller: Gray Well Pump Company

Drilled: February 1940

	Thickness (feet)	Depth (feet)
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No samples	315	315
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In Upper Eocene: Jackson Group: Ocala Limestone:

Limestone: white to cream, dense, much calcitized, crystalline, fossiliferous at certain levels (Foraminifera).....	60	375
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Camerina striatoreticulata at 315-330.

No samples	15	390
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Limestone: as above; interbedded dolomitic limestone, dark- brown, saccharoidal	110	500
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Summary:

No samples	315	315
In upper Eocene (Ocala limestone).....	185	500

Potential Water-Bearing Zones:

Limestone	185	500
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¹Average elevation based on Georgia State Highway Maps.