

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

Stephen M. Herrick, Geologist
United States Geological Survey



Prepared cooperatively by the U. S. Geological Survey

ATLANTA
1961

MARION COUNTY

Location: 4.35 mi. south of junction of Highways 41 and 26 in Buena Vista, east side of Highway 41, west of side of small dairy barn
 Well No.: GGS 329
 Elev.: 657
 Owner: No. 1 M. B. Wells, Jr.
 Driller: Southeastern Drilling Company
 Drilled: November 1952

No samples	20	20
------------------	----	----

In Paleocene: Midway Group: Clayton Formation:

Clay: black, fissile	8	28
----------------------------	---	----

Upper Cretaceous: Providence Sand:

Sand: fine to coarse-grained, arkosic, angular	6	34
--	---	----

Kaolin: white to light-gray to pink (mottled), very sandy, micaceous; interbedded sand, fine to medium-grained, angular	46	80
---	----	----

Sand: fine to coarse-grained; clay, as above (latter "cave" from above)	60	140
---	----	-----

Ripley Formation:

Marl: mottled, bluish-gray at depth, micaceous, silty, sideritic, glauconitic, fossiliferous (Foraminifera)	182	322
---	-----	-----

Cibicides harperi at 200-220.

Gaudryina rudita, *Cibicides harperi* at 240-260.

Summary:

No samples	20	20
In Paleocene (Clayton formation)	8	28
Upper Cretaceous (Providence sand)	112	140
Upper Cretaceous (Ripley formation)	182	322

Potential Water-Bearing Zones:

Sand: fine to coarse-grained	60	140
------------------------------------	----	-----