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

· · · · · · · · · · · · · · · · · · ·		
	Thickness (feet)	Depth (feet)
Limestone: as above		151
Limestone: flat-white, more calcitized than above, granular, saccharoidal, fossiliferous (bryozoan remains)		171
		· ·
In Oligocene (undifferentiated) In upper Eocene (Ocala limestone)		125 171
Potential Water-Bearing Zones:	*	
Limestone	155	171
я		,
MONTGO	MERY CO	UNTY
Location: 10.35 mi. northwest of Uvalda (map distance), and 0.5 mi. south of McAllister Creek Owner: No. 1 Hugh Peterson Driller: Dixie Well Drilling Company	: GGS 319 3	H
Drilled: September 1952	Thickness (feet)	Depth (feet)
Miocene (Undifferentiated): Sand: fine to medium-grained, angular, arkosic; interbedded		50
clay, light-gray, sandy, limonitic	-,	
Clay: dark-green, sandy; interbedded sand, as above	50	100
Clay: dark-green, sandy, sandier with depth; interbedded limestone, white, somewhat calcitized and crystalline, sandy, fossiliferous (macroshells at depth); beds of sand, fine to coarse-grained, angular grains, phosphatic (at depth)		220
coarse-gramed, angular grams, phosphatic (at depth)		,
Macroshells at 140-150. Black phosphatic pebbles common at 160-170.	•	
Macroshells at 140-150.	•	
Macroshells at 140-150. Black phosphatic pebbles common at 160-170.	•	, *
Macroshells at 140-150. Black phosphatic pebbles common at 160-170. Macroshells abundant at 200-220.	20	240

²Estimated from spot samples.

3	Thickness (feet)	Depth (feet)
Summary:		
Miocene (undifferentiated)	220	" 220
Miocene (undifferentiated) Oligocene (undifferentiated)	20	.4. 240
1. 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Y NAME .	
Potential Water-Bearing Zones:		
Sand: fine to coarse-grained.	10	180
Limestone		240
Same that the same		19
MONTGO	MERY CO	UNTY
Location: Near Mt. Vernon Well No.:	GGS 450	
Owner: No. 1 Mt. Vernon Elementary and High Elev.: 228		, i
School	÷	
Driller: M. M. Gray Drilling Company		,
Drilled: 1955		
	Thickness (feet)	Depth (feet)
Miocene (Undifferentiated):	87.	
Clay: mottled, sandy, limonitic; interbedded sand, fine to	,	gr 1 5
coarse-grained, angular, arkosic		60
Clay: yellowish-green, sandy, fossiliferous at depth; inter-	J	
bedded sand, fine to coarse-grained, angular, arkosic, phosphatic at depth	270	330
Black phosphatic pebbles common at 200-210.	Arth Figh	-
Macroshells at 290-300.	. 14	, 1° · ·
Oligocene (Undifferentiated):		•
Limestone: light-gray, extremely dense, massive, cherty,	9	• •
sandy, sparsely phosphatic (at top), fossiliferous (some		,
echinoid and bryozoan remains and Foraminifera, latter		X.
abundant at depth)		450
Rotalia mexicana var., Quinqueloculina sp. at 340-350.	×	•
Gypsina globula ¹ at 360-370.		
	٠.,	**
Lepidocyclina sp., Coskinolina? sp. at 400-410.		
Dictyoconus ¹ sp. at 440-450.		
Upper Eocene: Jackson Group: Ocala Limestone:		•
Limestone: cream, relatively soft, somewhat calcitized and	11 14	· (PI)
granular, nodular at certain levels, fossiliferous (echinoid and bryozoan remains and Foraminifera)		500
Lepidocyclina ² sp. at 450-460.	,	
	ידו . נ	
Lepidocyclina sp. common at 480-490.	()	
On community and an arrangement of the same of the sam		

¹Reworked(?) fossil of middle Eocene age. ²Probably Lepid. chaperi.