GEORGIA STATE DIVISION OF CONSERVATION

DEPARTMENT OF MINES, MINING AND GEOLOGY GARLAND PEYTON, Director

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WELL LOGS OF THE COASTAL PLAIN OF GEORGIA

by

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ATLANTA 1961

×	e ac.	Thickness (feet)	Depth (feet)
	tone: white, sandy; sand, coarse-grained, subrounde	ed ?	90
	fine to medium-grained, angular, fossiliferous (som roshells); some clay, yellowish-green		150
gra	yellowish-green, sandy, finely disseminated phosphatens, fossiliferous (echinoid and bryozoan remains, Ostra, and Foraminifera)	1 -	245
	nonina jacksonensis, Valvulineria jacksonensis, Nonio ena, Cibicides cf. C. refulgens, Cibicides lobatulus at 24		
	Summary:		
No samp	oles	55	55
In upper	Eccene (Barnwell formation)	190	245
	Potential Water-Bearing Zones:	*	ž.
None ob	served in samples available for this well.	*:	
*	*		
	· · · · · · · · · · · · · · · · · · ·	VAYNE COU	JNTY
	The second secon	Vell No.: GG	S 52
Driller:	Brunswick Peninsular Corporation The California Co.	(derrick	floor)
Driller:	The California Co. December 1944	(derrick Thickness (feet)	Depth (feet)
Driller:	The California Co. December 1944	Thickness	Depth
Driller: Drilled:	The California Co. December 1944 mples	Thickness (feet)	Depth
Driller: Drilled:	The California Co. December 1944	Thickness (feet)	Depth (feet)
Driller: Drilled: No sa In Mioce Sand: gray	The California Co. December 1944 mples ne (Undifferentiated): fine to coarse-grained, angular, phosphatic; limestone to cream, dense (calcitized), sandy, phosphatic, fossi	Thickness (feet)	Depth (feet)
Driller: Drilled: No sa In Mioce Sand: gray	The California Co. December 1944 mples ne (Undifferentiated): fine to coarse-grained, angular, phosphatic; limestone	Thickness (feet)	Depth (feet)
Driller: Drilled: No sa In Mioce Sand: gray ifer Sand:	The California Co. December 1944 mples ne (Undifferentiated): fine to coarse-grained, angular, phosphatic; limestone to cream, dense (calcitized), sandy, phosphatic, fossi	Thickness (feet) 74	Depth (feet)
Driller: Drilled: No sa In Mioce Sand: gray ifer Sand: shel Sand:	The California Co. December 1944 mples me (Undifferentiated): fine to coarse-grained, angular, phosphatic; limestone to cream, dense (calcitized), sandy, phosphatic, fossious (molds and impressions of macroshells) as above; clay, dark-green, sandy, fossiliferous (macros	Thickness (feet) 74 39, 11 389 31	Depth (feet) 74 463

Oligocene (Undifferentiated):	Thickness (feet)	Depth (feet)
Sand and limestone: as above; limestone, light-gray, nodular, dense (calcitized), fossiliferous (some Foraminifera)	45	725
Quinqueloculina sp., $Pyrgo$ sp. at 680-710. $Dictyoconus^1$ sp. at 710-725.		ř
Limestone: cream, fossiliferous; some dolomitic limestone, as above	14	739
Upper Eocene: Jackson Group: Ocala Limestone:	*	
Limestone: cream to light-gray, massive, dense (much calcitized), fossiliferous (macroshells, bryozoan remains, and some Foraminifera)	94	833
Asterocyclina nassauensis, Gypsina globula at 756-771. Pseudophragmina flintensis, Operculinoides floridensis at 771-787.		
Limestone: as above; some dolomitic limestone	62	895
Middle Eocene: Claiborne Group (Undifferentiated):		
Sand: fine to coarse-grained, and some dolomitic limestone, as above	88	983
No samples	99	1,082
Dolomitic limestone: brown, saccharoidal	54	1,136
Dolomitic limestone: as above; some limestone, light-gray, sac- charoidal, granular (in texture)	 1 6	1,152
No samples	31	1,183
Limestone: light-gray, somewhat granular (in texture), finely disseminated glauconite, fossiliferous	167	1,350
Asterocyclina monticellensis at 1183-1214. Lepidocyclina (Polylepidina) antillea at 1245-1255.		
Sand: fine to coarse-grained, phosphatic; interbedded lime- stone, cream, somewhat massive	280	1,630
Sand: as above; dolomitic limestone, light-brown, saccharoidal, cherty		1,707
Limestone: cream, granular (in texture), dense (much calcitized), cherty	243	1,950
Asterocyclina monticellensis common at 1857-1873.		

¹Reworked(?) fossil of middle Eocene age.

	Thickness (feet)	Depth (feet)
Dolomitic limestone: light-brown, saccharoidal; some lime- stone, as above	_ 40	1,990
Dolomitic limestone: as above, but coarsely glauconitic	. 5	1,995
Dolomitic limestone: as above; some indurated sand, fine- grained, abundantly glauconitic; interbedded clay, pale- green, fissile, silty, gypsiferous, finely glauconitic, abun- dantly and coarsely glauconitic and fossiliferous at depth	105	0.100
Sand: fine to coarse-grained, phosphatic.	. 125 . 85	2,120 2,205
band. The to coarse-gramed, phosphatic	, .	1 1
Lower Eccene: Wilcox Group (Undifferentiated):		
Sand: fine to coarse-grained, glauconitic; interbedded lime- stone, white, dense (much calcitized), sandy, coarsely glau- conitic, fossiliferous (molds and fragments of macroshells)		2,370
Eponides dorfi, Valvulineria wilcoxensis at 2205-2212.	,	
Marl: dark-gray, silty, micaceous, carbonaceous, fossiliferous (some Foraminifera)	175	2,545
Eponides dorfi, Valvulineria scrobiculata, Cibicides howelli at 2473-2545. Paleocene: Midway Group: Clayton Formation:		e e
Sand: somewhat indurated at certain horizons, fine-grained, glauconitic; interbedded marl, dark-gray to black, fissile, carbonaceous, finely micaceous, fossiliferous (some Foraminifera)	. 90	2,635
Eponides lotus, Polymorphina cushmani, Siphonina prima, Cibicides praecursorius, Cibicides howelli at 2545-2550.	,	
Limestone: cream, dense (much calcitized), nodular (in tex- ture), somewhat saccharoidal, fossiliferous (molds of mac- roshells, bryozoan remains, and occasional Ostracods and		
Foraminifera)	24	2,659
Sand: somewhat indurated at certain horizons, fine-grained, micaceous, glauconitic	. 121	2,780
Sand: fine-grained, glauconitic; interbedded marl, black, fis- sile, carbonaceous, finely micaceous, somewhat fossiliferous (Foraminifera)	120	2,900
Upper Cretaceous: Post-Tuscaloosa (Undifferentiated):		
Marl: bluish-gray to brown, sandy, micaceous, glauconitic,	69E	9 505
fossiliferous (macroshells, Ostracods, and Foraminifera)	. 625	3,525
Globotruncana sp., Guembelina sp. at 2900-2903.		

* ⁽⁵⁾	Thickness	Depth
Marl: as above, but much sandier	(feet)	(feet)
	540	4,065
Anomalina sp., Globorotalia micheliniana at 3525-3540.		
Planulina cf. P. taylorensis at 3540-3555.		
Kyphopyxa christneri at 3612-3626.		
Vaginulina texana at 3693-3708.		
Sand: fine to medium-grained, somewhat indurated at certain horizons, glauconitic, phosphatic, abundantly micaceous	65	4,130
1.5		
Tuscaloosa Formation:		
Sand: fine to medium-grained, indurated, finely glauconitic,	¥ .	
very micaceous, fossiliferous (macroshells); interbedded		
shale, greenish to dark-gray, fissile, finely micaceous	445	4,575
Basement Complex (Undifferentiated):		, 1,
Quartzite?	50	4,625
		-,
Summary:		
No samples	74	74
In Miocene (undifferentiated)		680
Oligocene (undifferentiated)		739
Upper Eocene (Ocala limestone)		895
Middle Eccene (Claiborne group, undifferentiated)		2,205
Lower Eccene (Wilcox group, undifferentiated)		2,545
Paleocene (Clayton formation) Upper Cretaceous (post-Tuscaloosa, undifferentiated)		2,900
	1 000 "	, A 190
		4,130
Upper Cretaceous (Tuscaloosa formation)	445	4,575
	445	
Upper Cretaceous (Tuscaloosa formation) Basement complex (undifferentiated) Potential Water-Bearing Zones:	445 50	4,575
Upper Cretaceous (Tuscaloosa formation) Basement complex (undifferentiated) Potential Water-Bearing Zones:	445 50	4,575
Upper Cretaceous (Tuscaloosa formation) Basement complex (undifferentiated) Potential Water-Bearing Zones: Limestone	445 50	4,575 4,625
Upper Cretaceous (Tuscaloosa formation) Basement complex (undifferentiated) Potential Water-Bearing Zones:	445 50 180 61	4,575 4,625 860
Upper Cretaceous (Tuscaloosa formation) Basement complex (undifferentiated) Potential Water-Bearing Zones: Limestone Sand: fine to coarse-grained	180 180 280	4,575 4,625 860 956

¹Probably contains salt water.