

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY  
WATER RESOURCES DIVISION

37217

No. GGS 61

OTHER NOS. \_\_\_\_\_

WELL LOG

State Georgia County Chatham Subarea \_\_\_\_\_

Owner Standard Oil Co.

Location 2.4 miles East of City Hall, near South bank Savannah River, in Savannah, Ga.

Drilled by Layne-Atlantic Co. Address \_\_\_\_\_

Date August 1940 Casing diam. \_\_\_\_\_ Land-surf. alt. 10 feet

Source of data Well Cuttings

(Enter type of well, perforations, yield, and drawdown at end of log)

CORRELATION	MATERIAL	THICKNESS (feet)	DEPTH (feet)
	Clay, dark green to gray, sandy, micaceous, sparsely-lignitic & considerable limonitic, fine- to coarse-grained sand	40	40
	No samples	20	60
	Sand, limonitic, fine- to coarse-grained	-	60
	Sand, limonitic, fine- to coarse-grained, with frequent fragments of dark green, sparsely-phosphatic, sandy clay	-	80
	Clay, dark green, sandy, sparsely-phosphatic	-	100
	Clay, dark green, sandy, sparsely-phosphatic, with frequent fragments of light brown, phosphatic, sandy, dolomitic rock	-	140
	Clay, dark green, considerable lignitic, sandy, sparsely-phosphatic, with frequent fragments of light brown, phosphatic, sandy, dolomitic rock	-	160
	Sand, mostly fine- to coarse-grained, & white, very sandy, phosphatic limestone, with occasional fragments of cream, granular limestone	-	180
	No samples	65	245
	Sand, mostly fine- to coarse-grained, & white, very sandy, phosphatic limestone, with fragments of brown, chert	-	245
	No samples	32	277
	Limestone, cream, fossiliferous, granular	-	277
	No samples	13	290

RECORD BY S. M. Herrick DATE \_\_\_\_\_

SHEET 1 OF 3

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CORRELATION	MATERIAL	THICKNESS (feet)	DEPTH (feet)
	Limestone, dense, light gray, much-calcitized, with occasional macro-shells and frequent Bryozoan remains	20	310
	No samples	15	325
	Limestone, flat white, fossiliferous, composed chiefly of Bryozoa & foraminifera	-	325
	Rock, dense, gray, very sandy, dolomitic, or limey sandstone with brown chert (sample probably out-of-place)	13	338
	Limestone, flat white, re-crystallized, composed chiefly of Bryozoa & foraminifera	-	340
	Limestone, flat white, re-crystallized, composed chiefly of Bryozoa & foraminifera	-	360
	No samples	20	380
	Limestone, dense, light gray, sandy, re-crystallized, much-calcitized, with frequent molds of macro-fossils & Bryozoa	20	400
	No samples	20	420
	Limestone, dense, light brown, sandy, re-crystallized, much-calcitized, dolomitic somewhat, with frequent molds of macro-fossils & Bryozoa	40	460
	Limestone, light gray, crystalline, re-crystallized, sparsely-glaucconitic	-	460
	No samples	20	480
	Limestone, cream, re-crystallized, granular, much calcitized	150	650
	<u>Summary:</u>		
	<u>Formation:</u>		

RECORD BY S. M. Herrick DATE SHEET 2 OF 3

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**WELL LOG**

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CORRELATION	MATERIAL	THICKNESS (feet)	DEPTH (feet)
	<u>Formation: Con'd</u>		
	<u>Undifferentiated Miocene - Recent from 0 to 180 feet(+)</u>		
	<u>In Oligocene(Suwannee) from 180 to 277 feet</u>		
	<u>No samples from 277 to 290 feet</u>		
	<u>In Upper Eocene(Ocala) from 290 to 325 feet(+)</u>		
	<u>Possible Water-Bearing Horizons:</u>		
	<u>Limestone from 290 to 325 feet(+)</u>		