

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

THE GEOLOGICAL SURVEY
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WELL LOGS OF THE
COASTAL PLAIN OF GEORGIA

by

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ATLANTA
1961

Lisbon Formation:

	Thickness (feet)	Depth (feet)
Limestone: light-gray, rather dense, calcitized, sandy, glauconitic, fossiliferous (macroshells, echinoid and bryozoan remains); interbedded marl, light-gray, glauconitic, fossiliferous (macroshells, echinoid and bryozoan remains, and Foraminifera); sand, fine to medium-grained, angular, phosphatic, fossiliferous (a coquina at certain levels).....	75	240

Cibicides westi at 170-180.*Cibicides pseudoungerianus* var. *lisbonensis* at 200-210.**Summary:**

Residuum	50	50
Upper Eocene (Ocala limestone)	80	130
Middle Eocene (Gosport(?) sand)	35	165
Middle Eocene (Lisbon formation)	75	240

Potential Water-Bearing Zones:

Limestone	60	110
Sand: fine to coarse-grained.....	35	165
Sand: fine to coarse-grained.....	20	240

CRISP COUNTY

Location: 5 mi. southeast of Cordele
 Owner: No. 1 W. L. Wells
 Driller: H. B. Truluck
 Drilled: November 1951

Well No.: GGS 251
 Elev.: 361

	Thickness (feet)	Depth (feet)
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Miocene (Undifferentiated):

Clay: yellowish-green to red to purple (mottled), somewhat blocky, sandy, limonitic; interbedded sand, fine to coarse-grained, angular	50	50
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Limestone: white, rather dense, somewhat saccharoidal, sandy, cherty; interbedded clay, olive-green to tan (somewhat mottled), very sandy.....	120	170
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In Oligocene (Undifferentiated):

Limestone: white to cream, somewhat recrystallized and sac-

	Thickness (feet)	Depth (feet)
charoidal, more saccharoidal with depth, cherty, fossiliferous (echinoid and bryozoan remains and some Foraminifera)	80	250

Rotalia mexicana var., *Reussella byramensis*, *Nonion* sp. at 170-180.

*Coskinolina*¹ sp., *Rotalia mexicana* var. at 180-190.

Summary:

Miocene (undifferentiated)	170	170
In Oligocene (undifferentiated)	80	250

Potential Water-Bearing Zones:

Limestone	70	250
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CRISP COUNTY

Location: In eastern part of Cordele

Owner: No. 4 City of Cordele

Driller: Layne-Atlantic Company

Drilled: October 1954

Well No.: GGS 390

Elev.: 316

	Thickness (feet)	Depth ² (feet)
Residuum:		
Clay: bluish-gray to yellowish-green to brick-red (mottled), sandy, limonitic, and fragments of residual limestone.....	20	20
No samples	10 ^b	30
Clay: dark-brown, lignitic, sandy, somewhat indurated and residual limestone	5	35

Oligocene (Undifferentiated):

Limestone: white, nodular, saccharoidal, much calcitized, fossiliferous (some echinoid and bryozoan remains, and Foraminifera)	20	55
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Pyrgo sp., *Quinqueloculina* sp. at 35-45.

Limestone: somewhat yellowish, dense, crystalline, saccharoidal..	26	81
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Limestone: as above.....	29	110
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¹Reworked (?) fossil of middle Eocene age.

²Depths below 635 feet were picked from electric log.