

Location: Cuthbert, Randolph County Well No.
 Owner: City of Cuthbert¹/₃ GGS No.: 552
 Driller: ~~Loynes~~ Atlantic Company (also Alb-26)
 Date drilled: January 1958 Elevation: 456 (bars)
 Lithology: R. L. Wait
 Stratigraphic correlation: R. L. Wait, and S. M. Herrick

	Thickness (feet)	Depth (feet)
Residuum:		
Sand: moderate reddish brown 1DR ¹ / ₆ , medium- to coarse-grained, iron stained quartz; pebble gravel, silt and iron pellets common.....	7	1
Dr.....	1	11

Middle Claiborne series

Claiborne group, undifferentiated

Sand: moderate reddish orange 1DR ¹ / ₆ , coarse-grained sub-angular to sub-rounded, well sorted, iron stained quartz; limestone fragments rare; silt and ferruginous pellets common.....	16	23
Sand: moderate reddish orange 1DR ¹ / ₆ , fine- to coarse-grained, sub-angular to sub-rounded, iron stained quartz; green vitre rare.....	11	34
Do plus phosphate rare.....	1	35
Total Claiborne group, undifferentiated.....	28	63

	Thickness (feet)	Depth (feet)
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Lower Eocene series

Wilcox group

Sand: brownish gray 5YR 4/1, very fine- to fine-grained sub-angular well sorted clear quartz; weak calcareous cement; pyrite, phosphate and glauconite common; muscovite

rare; silt common.....	21	85
Do.....	20	105
Do.....	21	126
Do plus shell fragments rare.....	20	146
Total Wilcox group, undifferentiated.....	82	

Paleocene series

Midway group

Clayton formation

Sand: pale yellowish brown 10YR 6/2, medium- to very coarse-grained, sub-angular to sub-rounded, well sorted clear quartz; lignite common, glauconite abundant; pelecypod fragments

abundant.....	21	167
Clay: dark gray N3, to medium dark gray N4, tough, fissile, sandy; muscovite and glauconite common; pyrite rare; sand: coarse-grained, sub-angular, clear and milky quartz.....	20	187

	Thickness (feet)	Depth (feet)
Sand: light brownish gray 5Y6/1, medium- to coarse-grained, well sorted, sub-angular, clear and milky quartz; feldspar and gypsum rare; pyrite and glauconite common.....	20	208
Do.....	9	217
Clay: dark gray N3, tough, fissile, sandy; fine- to medium-grained, sub-angular, well sorted, clear and milky quartz; feldspar rare; muscovite, phosphate and glauconite common.....	11	228
Finestone: yellowish gray 5Y8/1, weathered, recrystallized fossiliferous; foraminifera abundant; sand: fine- to medium-grained, well sorted, sub-angular, clear quartz; glauconite common.....	18	246
Limestone: white N9, crystalline, hard, firmly cemented, sandy; sand: fine- to medium-grained, sub-angular to sub-rounded, clear quartz; glauconite common.....	23	269
Do.....	11	280
Do plus pelecypod and gastropod fragments abundant.....	10	290
Limestone: white N9; crystalline, hard, dense, firmly cemented; pelecypod and gastropod fragments common; pyrite rare; medium- to coarse-grained, sub-angular clear quartz sand common.....	20	310
Total Clayton formation, undifferentiated		143

Thickness (feet)	Depth (feet)
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Upper Cretaceous series, undifferentiated

Sandy limestone: white N9, hard,

crystalline; sand: medium- to

coarse-grained, sub-angular, well sorted

clear quartz; Foraminifera common; firm

calcareous cement..... 20

331

Do..... 15

346

Do..... 5

351 TO

SECULARY:

STRATIGRAPHY

Ordovician	11	0
Middle Eocene series.....	53	11
Claiborne group.....	53	11
Lower Eocene series.....	82	64
Wilcox group.....	82	64
Paleocene series.....	164	146
Midway group.....	164	146
Clayton formation.....	164	146
Upper Cretaceous series, undifferentiated.....		310

POSSIBLE WATER-BEARING ZONES

Sand.....	146 to 167
Sand.....	187 to 217
Limestone.....	228 to 351