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

BROOKS COUNTY Location: 2,780 ft. south, 1,570 ft. west of northeast corner of Land Lot 454, 12th Land District owner: No. 1-B E. M. Rogers, Sr. (derrick floor Driller: D. E. Hughes et al Drilled: April 1949 No samples In Upper Eocene: Jackson Group: Ocala Limestone: Limestone: cream, crystalline, much calcitized, somewhat granular (in texture), fossiliferous (macroshells, echinoid and bryozoan remains, and frequent Foraminifera) Amphistegina pinarensis var. at 730-740. Camerina striatoreticulata abundant at 830-840. Middle Eocene: Claiborne Group (Undifferentiated): Limestone: cream, considerably calcitized, granular, cherty, coarsely glauconitic at certain levels Sand: fine to medium-grained, glauconitic, micaceous, pyritiferous; interbedded clay, dark, grayish-green, micaceous,			Thicknes (feet)	s Depth (feet)
BROOKS COUNTY Cocation: 2,780 ft. south, 1,570 ft. west of northeast corner of Land Lot 454, 12th Land District Oriller: No. 1-B E. M. Rogers, Sr. Oriller: D. E. Hughes et al Orilled: April 1949 Thickness (feet) Thickness (per (feet) Thickness (feet) Thickness (per (feet) Thickness (per (feet) Thickness (feet) Thickness (per (fe		Potential Water-Bearing Zones:	20	
BROOKS COUNTY Cocation: 2,780 ft. south, 1,570 ft. west of northeast corner of Land Lot 454, 12th Land District Dwner: No. 1-B E. M. Rogers, Sr. Oriller: D. E. Hughes et al Drilled: April 1949 Thickness (feet) Thickness (f				. 100
Cocation: 2,780 ft. south, 1,570 ft. west of northeast corner of Land Lot 454, 12th Land District Device: No. 1-B E. M. Rogers, Sr. Oriller: D. E. Hughes et al Orilled: April 1949 Thickness (feet) No samples No samples Operating from the texture), fossiliferous (macroshells, echinoid and bryozoan remains, and frequent Foraminifera) Amphistegina pinarensis var. at 730-740. Camerina striatoreticulata abundant at 830-840. Middle Eocene: Claiborne Group (Undifferentiated): Limestone: cream, considerably calcitized, granular, cherty, coarsely glauconitic at certain levels Sand: fine to medium-grained, glauconitic, micaceous, pyritiferous; interbedded clay, dark, grayish-green, micaceous, carbonaceous, laminated Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera) 11 1,62 Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) Pseudophraymina stephensoni, Operculinoides catenula at	Limestone		60	200
Cocation: 2,780 ft. south, 1,570 ft. west of northeast corner of Land Lot 454, 12th Land District Device: No. 1-B E. M. Rogers, Sr. Oriller: D. E. Hughes et al Orilled: April 1949 Thickness (feet) No samples No samples Operating from the texture), fossiliferous (macroshells, echinoid and bryozoan remains, and frequent Foraminifera) Amphistegina pinarensis var. at 730-740. Camerina striatoreticulata abundant at 830-840. Middle Eocene: Claiborne Group (Undifferentiated): Limestone: cream, considerably calcitized, granular, cherty, coarsely glauconitic at certain levels Sand: fine to medium-grained, glauconitic, micaceous, pyritiferous; interbedded clay, dark, grayish-green, micaceous, carbonaceous, laminated Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera) 11 1,62 Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) Pseudophraymina stephensoni, Operculinoides catenula at			٤	•
Cocation: 2,780 ft. south, 1,570 ft. west of northeast corner of Land Lot 454, 12th Land District Device: No. 1-B E. M. Rogers, Sr. Oriller: D. E. Hughes et al Orilled: April 1949 Thickness (feet) No samples No samples Operating from the texture), fossiliferous (macroshells, echinoid and bryozoan remains, and frequent Foraminifera) Amphistegina pinarensis var. at 730-740. Camerina striatoreticulata abundant at 830-840. Middle Eocene: Claiborne Group (Undifferentiated): Limestone: cream, considerably calcitized, granular, cherty, coarsely glauconitic at certain levels Sand: fine to medium-grained, glauconitic, micaceous, pyritiferous; interbedded clay, dark, grayish-green, micaceous, carbonaceous, laminated Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera) 11 1,62 Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) Pseudophraymina stephensoni, Operculinoides catenula at			v	
Cocation: 2,780 ft. south, 1,570 ft. west of northeast corner of Land Lot 454, 12th Land District Device: No. 1-B E. M. Rogers, Sr. Oriller: D. E. Hughes et al Orilled: April 1949 Thickness (feet) No samples No samples Operating from the texture), fossiliferous (macroshells, echinoid and bryozoan remains, and frequent Foraminifera) Amphistegina pinarensis var. at 730-740. Camerina striatoreticulata abundant at 830-840. Middle Eocene: Claiborne Group (Undifferentiated): Limestone: cream, considerably calcitized, granular, cherty, coarsely glauconitic at certain levels Sand: fine to medium-grained, glauconitic, micaceous, pyritiferous; interbedded clay, dark, grayish-green, micaceous, carbonaceous, laminated Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera) 11 1,62 Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) Pseudophraymina stephensoni, Operculinoides catenula at	:			
of Land Lot 454, 12th Land District Owner: No. 1-B E. M. Rogers, Sr. Oriller: D. E. Hughes et al Orilled: April 1949 Thickness (feet) No samples No samples Image: Common C			BROOKS	OUNTY
Owner: No. 1-B E. M. Rogers, Sr. Driller: D. E. Hughes et al Drilled: April 1949 Thickness (feet) Thickness (feet) Thickness (feet) No samples 690 69 In Upper Eocene: Jackson Group: Ocala Limestone: Limestone: cream, crystalline, much calcitized, somewhat granular (in texture), fossiliferous (macroshells, echinoid and bryozoan remains, and frequent Foraminifera) 190 88 Amphistegina pinarensis var. at 730-740. Camerina striatoreticulata abundant at 830-840. Middle Eocene: Claiborne Group (Undifferentiated): Limestone: cream, considerably calcitized, granular, cherty, coarsely glauconitic at certain levels 500 1,38 Lower Eocene(?): Wilcox Group (Undifferentiated): Sand: fine to medium-grained, glauconitic, micaceous, pyritiferous; interbedded clay, dark, grayish-green, micaceous, carbonaceous, laminated 90 1,47 Sand: coarse-grained, subangular, varicolored, grains of pale-green quartz at depth 130 1,60 Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera) 15 1,62 Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) 90 1,71 Pseudophraymina stephensoni, Operculinoides catenula at	Location: 2,780 ft. south	, 1,570 ft. west of northeast corner	Well No.: C	GS 184
Driller: D. E. Hughes et al Drilled: April 1949 Thickness (feet) No samples 690 69 In Upper Eccene: Jackson Group: Ocala Limestone: Limestone: cream, crystalline, much calcitized, somewhat granular (in texture), fossiliferous (macroshells, echinoid and bryozoan remains, and frequent Foraminifera) 190 88 Amphistegina pinarensis var. at 730-740. Camerina striatoreticulata abundant at 830-840. Middle Eccene: Claiborne Group (Undifferentiated): Limestone: cream, considerably calcitized, granular, cherty, coarsely glauconitic at certain levels 500 1,38 Lower Eccene(?): Wilcox Group (Undifferentiated): Sand: fine to medium-grained, glauconitic, micaceous, pyritiferous; interbedded clay, dark, grayish-green, micaceous, carbonaceous, laminated 90 1,47 Sand: coarse-grained, subangular, varicolored, grains of pale-green quartz at depth 130 1,60 Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera) 15 1,62 Operculimoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) 90 1,71 Pseudophraymina stephensoni, Operculinoides catenula at	of Land Lot 454, 12th	Land District	Elev.: 133	
No samples 690 69 In Upper Eocene: Jackson Group: Ocala Limestone: Limestone: cream, crystalline, much calcitized, somewhat granular (in texture), fossiliferous (macroshells, echinoid and bryozoan remains, and frequent Foraminifera) 190 88 Amphistegina pinarensis var. at 730-740. Camerina striatoreticulata abundant at 830-840. Middle Eocene: Claiborne Group (Undifferentiated): Limestone: cream, considerably calcitized, granular, cherty, coarsely glauconitic at certain levels 500 1,38 Lower Eocene(?): Wilcox Group (Undifferentiated): Sand: fine to medium-grained, glauconitic, micaceous, pyritiferous; interbedded clay, dark, grayish-green, micaceous, carbonaceous, laminated 90 1,47 Sand: coarse-grained, subangular, varicolored, grains of pale-green quartz at depth 130 1,60 Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera) 15 1,62 Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) 90 1,71 Pseudophraymina stephensoni, Operculinoides catenula at	Owner: No. 1-B E. M. R	logers, Sr.	. (derri	ck floor)
No samples 690 69 In Upper Eocene: Jackson Group: Ocala Limestone: Limestone: cream, crystalline, much calcitized, somewhat granular (in texture), fossiliferous (macroshells, echinoid and bryozoan remains, and frequent Foraminifera) 190 88 Amphistegina pinarensis var. at 730-740. Camerina striatoreticulata abundant at 830-840. Middle Eocene: Claiborne Group (Undifferentiated): Limestone: cream, considerably calcitized, granular, cherty, coarsely glauconitic at certain levels 500 1,38 Lower Eocene(?): Wilcox Group (Undifferentiated): Sand: fine to medium-grained, glauconitic, micaceous, pyritiferous; interbedded clay, dark, grayish-green, micaceous, carbonaceous, laminated 90 1,47 Sand: coarse-grained, subangular, varicolored, grains of pale-green quartz at depth 130 > 1,60 Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera) 15 1,62 Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) 90 1,71 Pseudophraymina stephensoni, Operculinoides catenula at	Driller: D. E. Hughes et	t al		
No samples 690 69 In Upper Eocene: Jackson Group: Ocala Limestone: Limestone: cream, crystalline, much calcitized, somewhat granular (in texture), fossiliferous (macroshells, echinoid and bryozoan remains, and frequent Foraminifera) 190 88 Amphistegina pinarensis var. at 730-740. Camerina striatoreticulata abundant at 830-840. Middle Eocene: Claiborne Group (Undifferentiated): Limestone: cream, considerably calcitized, granular, cherty, coarsely glauconitic at certain levels 500 1,38 Lower Eocene(?): Wilcox Group (Undifferentiated): Sand: fine to medium-grained, glauconitic, micaceous, pyritiferous; interbedded clay, dark, grayish-green, micaceous, carbonaceous, laminated 90 1,47 Sand: coarse-grained, subangular, varicolored, grains of pale-green quartz at depth 130 1,60 Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera) 15 1,62 Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) 90 1,71 Pseudophragmina stephensoni, Operculinoides catenula at	Drilled: April 1949			
No samples 690 69 In Upper Eocene: Jackson Group: Ocala Limestone: Limestone: cream, crystalline, much calcitized, somewhat granular (in texture), fossiliferous (macroshells, echinoid and bryozoan remains, and frequent Foraminifera) 190 88 Amphistegina pinarensis var. at 730-740. Camerina striatoreticulata abundant at 830-840. Middle Eocene: Claiborne Group (Undifferentiated): Limestone: cream, considerably calcitized, granular, cherty, coarsely glauconitic at certain levels 500 1,38 Lower Eocene(?): Wilcox Group (Undifferentiated): Sand: fine to medium-grained, glauconitic, micaceous, pyritiferous; interbedded clay, dark, grayish-green, micaceous, carbonaceous, laminated 90 1,47 Sand: coarse-grained, subangular, varicolored, grains of pale-green quartz at depth 130 > 1,60 Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera) 15 1,62 Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) 90 1,71 Pseudophragmina stephensoni, Operculinoides catenula at		e e e e e e e e e e e e e e e e e e e	Thicknes	s Depti
Limestone: cream, crystalline, much calcitized, somewhat granular (in texture), fossiliferous (macroshells, echinoid and bryozoan remains, and frequent Foraminifera) 190 88 Amphistegina pinarensis var. at 730-740. Camerina striatoreticulata abundant at 830-840. Middle Eocene: Claiborne Group (Undifferentiated): Limestone: cream, considerably calcitized, granular, cherty, coarsely glauconitic at certain levels 500 1,38 Lower Eocene(?): Wilcox Group (Undifferentiated): Sand: fine to medium-grained, glauconitic, micaceous, pyritiferous; interbedded clay, dark, grayish-green, micaceous, carbonaceous, laminated 90 1,47 Sand: coarse-grained, subangular, varicolored, grains of pale-green quartz at depth 130 1,60 Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera) 15 1,62 Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) 90 1,71 Pseudophraymina stephensoni, Operculinoides catenula at		· · · · · · · · · · · · · · · · · · ·	(1000)	,
Limestone: cream, crystalline, much calcitized, somewhat granular (in texture), fossiliferous (macroshells, echinoid and bryozoan remains, and frequent Foraminifera) 190 88 Amphistegina pinarensis var. at 730-740. Camerina striatoreticulata abundant at 830-840. Middle Eocene: Claiborne Group (Undifferentiated): Limestone: cream, considerably calcitized, granular, cherty, coarsely glauconitic at certain levels 500 1,38 Lower Eocene(?): Wilcox Group (Undifferentiated): Sand: fine to medium-grained, glauconitic, micaceous, pyritiferous; interbedded clay, dark, grayish-green, micaceous, carbonaceous, laminated 90 1,47 Sand: coarse-grained, subangular, varicolored, grains of pale-green quartz at depth 130 1,60 Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera) 15 1,62 Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) 90 1,71 Pseudophraymina stephensoni, Operculinoides catenula at	No samples	<u> </u>	690	. 690
Limestone: cream, crystalline, much calcitized, somewhat granular (in texture), fossiliferous (macroshells, echinoid and bryozoan remains, and frequent Foraminifera) 190 88 Amphistegina pinarensis var. at 730-740. Camerina striatoreticulata abundant at 830-840. Middle Eocene: Claiborne Group (Undifferentiated): Limestone: cream, considerably calcitized, granular, cherty, coarsely glauconitic at certain levels 500 1,38 Lower Eocene(?): Wilcox Group (Undifferentiated): Sand: fine to medium-grained, glauconitic, micaceous, pyritiferous; interbedded clay, dark, grayish-green, micaceous, carbonaceous, laminated 90 1,47 Sand: coarse-grained, subangular, varicolored, grains of pale-green quartz at depth 130 > 1,60 Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera) 15 1,62 Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) 90 1,71 Pseudophragmina stephensoni, Operculinoides catenula at				
granular (in texture), fossiliferous (macroshells, echinoid and bryozoan remains, and frequent Foraminifera). Amphistegina pinarensis var. at 730-740. Camerina striatoreticulata abundant at 830-840. Middle Eocene: Claiborne Group (Undifferentiated): Limestone: cream, considerably calcitized, granular, cherty, coarsely glauconitic at certain levels	n Upper Eocene: Jacks	on Group: Ocala Limestone:		
granular (in texture), fossiliferous (macroshells, echinoid and bryozoan remains, and frequent Foraminifera). Amphistegina pinarensis var. at 730-740. Camerina striatoreticulata abundant at 830-840. Middle Eocene: Claiborne Group (Undifferentiated): Limestone: cream, considerably calcitized, granular, cherty, coarsely glauconitic at certain levels	Timostono, avoem	wratalling much additized some	what	.?
and bryozoan remains, and frequent Foraminifera) 190 88 Amphistegina pinarensis var. at 730-740. Camerina striatoreticulata abundant at 830-840. Middle Eocene: Claiborne Group (Undifferentiated): Limestone: cream, considerably calcitized, granular, cherty, coarsely glauconitic at certain levels 500 1,38 Lower Eocene(?): Wilcox Group (Undifferentiated): Sand: fine to medium-grained, glauconitic, micaceous, pyritiferous; interbedded clay, dark, grayish-green, micaceous, carbonaceous, laminated 90 1,47 Sand: coarse-grained, subangular, varicolored, grains of pale-green quartz at depth 130 1,60 Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera) 15 1,62 Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) 90 1,71 Pseudophraymina stephensoni, Operculinoides catenula at				
Amphistegina pinarensis var. at 730-740. Camerina striatoreticulata abundant at 830-840. Middle Eocene: Claiborne Group (Undifferentiated): Limestone: cream, considerably calcitized, granular, cherty, coarsely glauconitic at certain levels 500 1,38 Lower Eocene(?): Wilcox Group (Undifferentiated): Sand: fine to medium-grained, glauconitic, micaceous, pyritiferous; interbedded clay, dark, grayish-green, micaceous, carbonaceous, laminated 90 1,47 Sand: coarse-grained, subangular, varicolored, grains of pale-green quartz at depth 130 1,60 Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera) 15 1,62 Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) 90 1,71 Pseudophraymina stephensoni, Operculinoides catenula at				991
Camerina striatoreticulata abundant at 830-840. Middle Eocene: Claiborne Group (Undifferentiated): Limestone: cream, considerably calcitized, granular, cherty, coarsely glauconitic at certain levels			130	
Middle Eocene: Claiborne Group (Undifferentiated): Limestone: cream, considerably calcitized, granular, cherty, coarsely glauconitic at certain levels	. Amphistegina pinar	ensis var. at 730-740.		
Limestone: cream, considerably calcitized, granular, cherty, coarsely glauconitic at certain levels	Camerina striatoret	iculata abundant at 830-840.	<i>f</i> = 2	٠
Limestone: cream, considerably calcitized, granular, cherty, coarsely glauconitic at certain levels				
coarsely glauconitic at certain levels 500 1,38 Lower Eocene(?): Wilcox Group (Undifferentiated): Sand: fine to medium-grained, glauconitic, micaceous, pyritiferous; interbedded clay, dark, grayish-green, micaceous, carbonaceous, laminated 90 1,47 Sand: coarse-grained, subangular, varicolored, grains of pale-green quartz at depth 130 1,60 Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera) 15 1,62 Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) 90 1,71 Pseudophragmina stephensoni, Operculinoides catenula at	Middle Eocene: Claiborn	e Group (Undifferentiated):	*)	
coarsely glauconitic at certain levels 500 1,38 Lower Eocene(?): Wilcox Group (Undifferentiated): Sand: fine to medium-grained, glauconitic, micaceous, pyritiferous; interbedded clay, dark, grayish-green, micaceous, carbonaceous, laminated 90 1,47 Sand: coarse-grained, subangular, varicolored, grains of pale-green quartz at depth 130 1,60 Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera) 15 1,62 Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) 90 1,71 Pseudophragmina stephensoni, Operculinoides catenula at	Limestone: green go	meiderably calcitized granular she	antr	
Sand: fine to medium-grained, glauconitic, micaceous, pyritiferous; interbedded clay, dark, grayish-green, micaceous, carbonaceous, laminated 90 1,47 Sand: coarse-grained, subangular, varicolored, grains of pale-green quartz at depth 130 1,60 Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera) 15 1,62 Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) 90 1,71 Pseudophragmina stephensoni, Operculinoides catenula at				1 90
Sand: fine to medium-grained, glauconitic, micaceous, pyritiferous; interbedded clay, dark, grayish-green, micaceous, carbonaceous, laminated 90 1,47 Sand: coarse-grained, subangular, varicolored, grains of pale-green quartz at depth 130 1,60 Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera) 15 1,62 Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) 90 1,71 Pseudophragmina stephensoni, Operculinoides catenula at	coarsely gladconfile	at tertain levels	300	1,000
Sand: fine to medium-grained, glauconitic, micaceous, pyritiferous; interbedded clay, dark, grayish-green, micaceous, carbonaceous, laminated 90 1,47 Sand: coarse-grained, subangular, varicolored, grains of pale-green quartz at depth 130 1,60 Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera) 15 1,62 Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) 90 1,71 Pseudophragmina stephensoni, Operculinoides catenula at	Lower Forene(2) · Wilco	y Group (Undifferentiated):		
ferous; interbedded clay, dark, grayish-green, micaceous, carbonaceous, laminated 90 1,47 Sand: coarse-grained, subangular, varicolored, grains of pale-green quartz at depth 130 > 1,60 Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera) 15 1,62 Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) 90 1,71 Pseudophragmina stephensoni, Operculinoides catenula at				
carbonaceous, laminated 90 1,47 Sand: coarse-grained, subangular, varicolored, grains of pale-green quartz at depth 130 1,60 Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera) 15 1,62 Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) 90 1,71 Pseudophragmina stephensoni, Operculinoides catenula at				
Sand: coarse-grained, subangular, varicolored, grains of pale-green quartz at depth 130 > 1,60 Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera) 15 1,62 Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) 90 1,71 Pseudophraymina stephensoni, Operculinoides catenula at				
pale-green quartz at depth 130 > 1,60 Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera) 15 1,62 Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) 90 1,71 Pseudophragmina stephensoni, Operculinoides catenula at	carbonaceous, lamir	nated	90	1,47
pale-green quartz at depth 130 > 1,60 Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera) 15 1,62 Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) 90 1,71 Pseudophragmina stephensoni, Operculinoides catenula at	Sand: coarge grained	d cubangular variationed "grains	of '	4
Paleocene: Midway Group: Clayton Formation: Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera)				. 160
Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera)	,pate-green quartz a	to deputi	150	., 1,000
Limestone (or indurated sand): gray, very sandy, glauconitic (finely disseminated), fossiliferous (Foraminifera)	Paleocene: Midway Grou	up: Clayton Formation:	\$	
(finely disseminated), fossiliferous (Foraminifera) 15 1,62 Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) 90 1,71 Pseudophraymina stephensoni, Operculinoides catenula at				
Operculinoides catenula at 1620-1630. Indurated sand: gray, fine-grained, glauconitic (finely disseminated) 90 1,71 Pseudophraymina stephensoni, Operculinoides catenula at				19 1950an
Indurated sand: gray, fine-grained, glauconitic (finely disseminated) 90 1,71 Pseudophraymina stephensoni, Operculinoides catenula at	The state of the s	· · · · · ·	15	1,620
seminated) 90 1,71 Pseudophraymina stephensoni, Operculinoides catenula at	Operculinoides cater	nula at 1620-1630.	• •	•
seminated) 90 1,71 Pseudophraymina stephensoni, Operculinoides catenula at	Indirected conde con-	fine ampined alexantitie (fin-1-	dia V	1
Pseudophragmina stephensoni, Operculinoides catenula at		y, The-grained, glauconitic (linely		1.01
		· 17 · · ·		1,71
		stephensoni, Operculinoides catenul	a at ·	721

	Thickness (feet)	Depth (feet)
Clay: dark-gray to black, fissile, carbonaceous, micaceous; interbedded limestone, gray, sandy, coarsely glauconitic	85′′	1,795
Robulus midwayensis at 1780-1790.		•
Limestone: gray, rather dense, somewhat crystalline, sandy, coarsely glauconitic, fossiliferous	100	1,895
Robulus pseudo-mamilligerus at 1790-1800.	,	د. ۰ .۰
Sand: fine to coarse-grained, angular	25	1,920
Marl: gray, somewhat indurated, chalky, fossiliferous (some Foraminifera); interbedded limestone, as above		2,220
Upper Cretaceous: Post-Tuscaloosa (Undifferentiated):		s **
Marl: gray to brown at depth, chalky, glauconitic, sandy at various levels, micaceous, pyritiferous, fossiliferous (macroshells and Foraminifera at certain horizons)	785	3,005
Glauconite common at 2220-2230.	· · · · ·	
Globotruncana cretacea, Anomalina sp. at 2230-2240.	* * * * * * * * * * * * * * * * * * * *	· .
Sand: fine to medium-grained, indurated, micaceous, phosphatic, fossiliferous (macroshells); interbedded clay or shale, brown, micaceous, carbonaceous	130	3,135
Vaginulina texana at 3100-3110.		*
In Tuscaloosa Formation:		٠,
Sand: fine to medium-grained, glauconitic; interbedded clay	141	
or shale, dark-gray, fissile (splintery), carbonaceous, mica- ceous (finely disseminated)		3,325
Shale: dark-gray to black, carbonaceous, fissile, micaceous;		4
interbedded sand, as above	155 ,	3,480
Sand: fine to medium-grained, somewhat indurated, glauconities	30	3,510
Shale: as above	33	3,543
Sand: fine to medium-grained, somewhat indurated, glauconitic; interbedded shale, as above	67	3,610

		7	Thickness (feet)	Depth (feet)
Sand: coarse-grained, angular, arkosic, gl	auconitic and	l finer-		
grained at certain levels; interbedded cl				
red (mottled), sandy, micaceous, sideriti			240	3,850
Sideritic nodules common at 3620-3630.			¥	
Summary	/:	(●		
No samples			690	690
in upper Eocene (Ocala limestone)				888
Middle Eocene (Claiborne group, undifferen				1,38
Lower Eccene (?) (Wilcox group, undifferen				1,60
Paleocene (Clayton formation)				2,220
Upper Cretaceous (post-Tuscaloosa, undiffer				3,13
Upper Cretaceous (In Tuscaloosa formation				3,850
TEPE TETRACON (211 Z ROSANOSON ZOTIMONON		`		. 0,000
Potential Water-Be	aring Zones:	• •		
Limestone		,	195	888
* € X *				
Remarks	12	1		
A Secretary Company	h water.		with a	•
Commence of the second	e	BRO	oks co	UNTY
1.2. 60	e-	, · . · · .	oks co No.: GG	
Location: Quitman	e.	Well	No.: GG	
Location: Quitman Owner: City of Quitman		, · . · · .	No.: GG	
Location: Quitman Owner: City of Quitman Driller: M. M. Gray		Well	No.: GG	
Location: Quitman Owner: City of Quitman Driller: M. M. Gray		Well 1 Elev	No.: GG	
Location: Quitman Owner: City of Quitman Driller: M. M. Gray		Well 1 Elev	No.: GG : 180'	S 469
Location: Quitman Owner: City of Quitman Driller: M. M. Gray Orilled: 1955		Well 1 Elev	No.: GG : 180'	S 469
Location: Quitman Owner: City of Quitman Driller: M. M. Gray Orilled: 1955 Pliocene to Recent (Undifferentiated): Clay, mottled to pale-green to tan, sandy, to medium-grained; inclusions of kaolin, ceous; some lignite	limonitic; sa white, sand	Well 1 Elev	No.: GG : 180¹. Thickness (feet)	S 469 Dept (feet
Location: Quitman Owner: City of Quitman Driller: M. M. Gray Orilled: 1955 Pliocene to Recent (Undifferentiated): Clay, mottled to pale-green to tan, sandy, to medium-grained; inclusions of kaolin, ceous; some lignite	limonitic; sa white, sand	Well 1 Elev	No.: GG : 180 ¹ . Thickness (feet)	S 469 Dept (feet
Location: Quitman Owner: City of Quitman Driller: M. M. Gray Drilled: 1955 Pliocene to Recent (Undifferentiated): Clay, mottled to pale-green to tan, sandy, to medium-grained; inclusions of kaolin, ceous; some lignite	limonitic; sa white, sand	Well 1 Elev. nd, fine 7, mica-	No.: GG : 180 ¹ . Thickness (feet)	S 469 Dept (feet
Location: Quitman Owner: City of Quitman Driller: M. M. Gray Drilled: 1955 Pliocene to Recent (Undifferentiated): Clay, mottled to pale-green to tan, sandy, to medium-grained; inclusions of kaolin, ceous; some lignite	limonitic; sa white, sand	Well 1 Elev. nd, fine 7, mica-	No.: GG : 180 Thickness (feet)	S 469

¹Average elevation taken from State Highway map.