

GGS 508

314107082531901

22M005

WELL NO: GGS 508  
 WELL NAME: J. H. Kight #1  
 COUNTY: Coffee

ALTITUDE: 265 ft.  
 TOTAL DEPTH: 1840 ft.  
 DESCRIBED BY: GGS

SUMMARY:

THIS REPORT	DESCRIPTION	THICKNESS IN FEET	DEPTH IN FEET
	No samples -----	100	100
In Miocene Hawthorne Undif. 100	Sand: very pale orange to yellowish-gray, very fine- to coarse-grained, indurated, with white, phosphatic clay cement, fine heavy minerals, and rare chert, 10YR8/2 to 5Y8/2 -----	30	130
	Sand: very pale orange to yellowish-gray, fine-grained, moderately to well sorted, with phosphate grains, rare muscovite, manganese(?) concretions, and Dolomite; gray, sandy, 10YR8/2 to 5Y8/2 Sponge spicules at 150 - 160' -----	50	180
	Clay: light greenish-yellow, indurated, silty to sandy, with phosphate grains, muscovite, and heavy minerals, fossiliferous, with diatoms and sponge spicules, and Chert; olive to tan, and Sand; fine-grained, well sorted, indurated, with silica cement, 10YR8/4 to 5Y6/2 -----	85	265
	Clay: light olive-gray, indurated, finely sandy, slightly phosphatic, dolomitic in part, with sponge spicules, and Sand; very fine- to coarse-grained, poorly sorted, 5Y6/1 -----	95	360
	Sand: yellowish-gray and light gray, very fine- to coarse-grained, poorly sorted, with heavy minerals, and Clay; as above, and Limestone; light bluish-gray, with phosphate grains and oyster shells, 5Y7/1 and N7 -----	90	450
	Sand: yellowish-gray, fine- to medium-grained, moderately sorted, with rare heavy minerals, and Limestone; yellowish-gray, very sandy, argillaceous in part, with pyrite and phosphate grains, fossiliferous, with molds and fragments of bivalves and gastropods, 5Y7/2 -----	10	460
	Sand: yellowish-gray to very light olive-gray, poorly to moderately sorted, with heavy minerals, and Limestone; as above, with fragments of bryozoans, echinoids, and crabs, and Dolomite; yellowish-brown, finely saccharoidal, 5Y8/1 to 5Y7/1 <u>Sorites</u> sp. impression at 470 - 480' -----	70	530
	Clay: very light olive-gray, phosphatic, and Limestone and Dolomite; as above, 5Y7/1 -----	10	540
Oligocene Undif. 540	Limestone: very pale orange to very light olive-gray, sandy, fossiliferous, with coquinooid texture, containing fragments and impressions of bivalves,		

	bryozoans, and gastropods, and burrow fillings, and Dolomite; yellowish-brown, saccharoidal, sparse, and Sand; very fine- to coarse-grained, moderately sorted, and Clay; olive to tan, indurated, phosphatic, 10YR8/2 to 5Y7/1		
	Miliolids, <u>Quinqueloculina</u> sp. at 540 - 550' -----	50	590
	Sand: yellowish-gray to light gray, medium- to coarse-grained, with rare heavy minerals and pyrite, and Dolomite; yellowish-brown, finely saccharoidal, and Limestone; as above, with phosphate grains (caved?)		
	5Y7/1 to N7 -----	110	700
	Sand: very light olive-gray to light gray, fine- to medium-grained, poorly to moderately sorted, with rare heavy minerals, and Siltstone; olive, argillaceous, sandy, slightly calcareous, and Dolomite; as above, 5Y7/1 to N7 -----	50	750
	Sand: light greenish-gray, very fine- to coarse-grained, poorly to moderately sorted, with rare heavy minerals and pyrite, and Dolomite; tan to white, saccharoidal, phosphatic, and Limestone; yellowish-gray, fine- to medium-grained, dolomitic, slightly argillaceous, fossiliferous, with molds and fragments of gastropods, echinoids, and bryozoans, and Clay; tan to yellow, indurated, phosphatic, silty in part, micaceous in part, 5GY7/1		
	<u>Pararotalia mexicana</u> , miliolids at 770 - 780'		
	<u>Lepidocyclina</u> sp., <u>Sphaerogypsina</u> sp. at 920 - 930' -----	190	940
	Limestone: yellowish-gray, granular, calcarenitic, very porous, fossiliferous, with fragments of bryozoans, echinoids, and foraminifers, and algal remains, and Dolomite; golden brown, saccharoidal, and Sand; very fine- to coarse-grained, poorly to moderately sorted, indurated, with calcareous cement, and rare heavy minerals, 5Y8/1 to 5Y7/2		
	<u>Eponides</u> (?) sp. at 940 - 950'		
	<u>Nummulites</u> (?) sp. at 950 - 960' -----	70	1010
U. Eocene			
Undif.	Dolomite: golden brown, saccharoidal, with pyrite, and Sand; fine- to medium-grained, poorly sorted, and Limestone; yellowish-gray, microcoquina, 5Y7/2 -----	180	1190
1010	Limestone: yellowish-gray, granular, dense, dolomitic, fossiliferous, with echinoid and gastropod fragments, and foraminifers, and Dolomite; golden brown, saccharoidal, and Sand; very fine- to medium-grained, with		

