

CONTRACTOR: C. W. Lusby Drilling Company, Inc. PHONE: (806) 792-9422  
 ADDRESS: 3311 - 88th Street, Lubbock, Texas 79423  
 DRILLER: C. W. Lusby DATE DRILLED 11-13-86 DATE COMPLETED 11-24-86 HOLE DIA. 6"  
 COLLECTED BY: W. B. Hughes TITLE: Hydrologist  
 LOGGED BY: W. B. Hughes TITLE: Hydrologist  
 METHOD EXAMINED FIELD ( ) MICRO (x) LAB ( ) OTHER \_\_\_\_\_  
 METHOD DRILLED MUDROTARY (x) CABLE TOOL ( ) AUGERED ( ) OTHER \_\_\_\_\_  
 REMARKS Detailed log attached

**Geo. Age  
Formation**

Miocene	Pliocene-Holo.	0 - 50	sand, quartz, very coarse to very fine, subrounded and rounded, dark yellowish brown (10YR 4/2) to light olive gray (5Y 6/1); clay, trace to dominant, olive gray (5Y 4/1); wood fragments (peat), abundant to absent; oyster shell, minor to absent; muscovite, trace to absent.
	Hawthorn	50 - 80	sand, quartz, fine, rounded; clay, light olive gray (5Y 6/1), common to abundant; 50'-60', calcite rhombs, common; 60'-70', sand, quartz, fine, in calcite matrix, trace; 70'-80', phosphate, common.
Late Eocene	Ocala Limestone	80 - 200	limestone, fossiliferous, white (N9) and yellowish gray (5Y 8/1); composed of bryozoa and bivalve fragments; fine grained calcite cement, absent to minor; glauconite, absent to common.
		200 - 500	limestone, calcilutite, yellowish gray (5Y 8/1); bryozoa and bivalves, absent to minor; massive crystalline limestone, absent to common; glauconite, trace to absent; sand, quartz, very fine, absent to minor; 360-500, foraminifera, trace to abundant (50% of sample).

	Middle Eocene	Late Eocene
	Santee Limestone	Ocala Limestone

500 - 600 limestone, calcilutite, yellowish gray (5Y 8/1); bryozoa, bivalves, gastropods, absent to minor; sand, quartz, very fine, absent to trace; glauconite, absent to trace.