



Base from U.S. Geological Survey  
 Donaldsonville, 1965, Lac Des Allemands, 1964,  
 Mt. Airy, 1965, Thibodaux, 1964



**EXPLANATION**

- Area where aquifer contains fresh water (chloride concentration 250 milligrams per liter or less) in the upper 100 feet or more
- Area where aquifer contains salty water
- - - 400 - - - STRUCTURE CONTOUR— Shows altitude of top of aquifer. Contour interval 100 feet. National Geodetic Vertical Datum of 1929
- - - 200 - - - LINE OF EQUAL THICKNESS. Interval 50 feet
- CONTROL POINTS—  
 Oil-test well  
 Test well and parish well number (prefix omitted)
- Line of geohydrologic section (plates 3 and 4)

**PLATE 10. MAP SHOWING THE FRESHWATER- SALTWATER DISTRIBUTION, CONFIGURATION OF THE TOP, AND THICKNESS OF THE GONZALES-NEW ORLEANS AQUIFER, GRAMERCY AREA, LOUISIANA.**