

SUBSURFACE STRUCTURES OF CENTRAL LOUISIANA¹**MARY LYNN WESTERVELT, University of Oklahoma, Norman****ABSTRACT¹**

Electrical logs from oil wells were obtained from Grant, Rapides, Avoyelles, and Pointe Coupee Parishes, which are located in the southern part of the Mississippian Embayment with the strike NE-SW.

Two cross-sections, A and B, were made from the logs. Section A, which is NE-SW along the strike, shows that the formations thicken over the Ville Platte and Simmesport salt domes and decrease in thickness at their edges. Section B, which is NW-SE across the strike, reveals the thickening of all formations from the Vicksburg to the Wilcox. The thickness is approximately doubled in a distance of sixty miles.

This section is very fossiliferous and the microfossils are excellent to use with the electrical logs in picking the tops of formations.

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