

**MEETING NOTICE**

The Gulf Coast Section SEPM will hold their first fall meeting immediately after work on Tuesday, September 22nd. Lee A. Smith will speak on his experience on "Joides Leg X Gulf of Mexico." It promises to be a very interesting evening. Everyone interested is urged to attend. Come and go through the serving line at Wyatt's Sharpstown Cafeteria and proceed to the designated meeting room.

DATE: Tuesday September 22, 1970

PLACE: Wyatt's Cafeteria - Sharpstown Shopping Center

TIME: Dinner, 5:30 - 6:30 P.M.  
Meeting, 6:30 P.M.

SPEAKER: Lee A. Smith, Esso Production Research Company

SUBJECT: "Joides Leg X - Gulf of Mexico"

JOIDES LEG X - GULF OF MEXICO  
by L. A. Smith

ABSTRACT

On Joides Leg X significant contributions were made to our knowledge of the geologic history of the southern Gulf of Mexico. With five penetrations of the entire Late Cretaceous-Cenozoic section, the geologic history of Campeche Bank may be discerned in some detail, and knowledge of the Late Cretaceous-Holocene history of the Yucatan Channel-Florida Straits area is supplemented.

No deep-water Early Cretaceous sediments were recovered. Late Albian algal mat-miliolid facies carbonates are overlain progressively westward by Early Cenomanian pelagic sediments in the Florida Straits-Yucatan Channel area, Early Santonian pelagic sediments near the base of the eastern Campeche Slope, and Early Paleocene pelagic sediments on the Campeche Slope. Thick Neogene sedimentary sections were encountered only in the western Gulf of Mexico and, seemingly, most of the terrigenous clastic dilution was sourced from the Rio Grande drainage area through Late Miocene, and from the Mississippi River drainage area during the Pleistocene.