

June 19 - June 20, 1978  
Coded 14 NOV 79 58.  
IN ADMIN " "

Cruise Report  
USGS - UT Coop

78017

1. Ship: R/V LONGHORN
2. Cruise No.
3. Area of Operation: Offshore from Pass Cavallo on the Texas Inner Continental Shelf
4. Dates of Operation: Cruise period 6/19/78 to 6/20/78
5. Personnel:

Ronald Miller - USGS, Chief Scientist  
George Wiley       "  
Ronald Circe       "  
Quenton Dokken   "

Robert Morton - Univ. of Texas  
and 7 students

6. Purpose:

The objective of this cruise was to obtain cores for description of an anomalous region of the Texas inner continental shelf.

7. Equipment: Circe-Dokken vibra-coring device Smith-Macintyre grab sampler
8. Navigation: Navigation to sites was obtained by using Loran A.
9. Data Acquired: 4 cores - 7.5cm diameter and averaging 4.5 meters in length. 4 grab samples

10. Comments:

The Circe-Dokken vibra-coring device was found to be successful in both sand and mud sediments of Texas inner continental shelf.

11. Tabulated information:

- a. Days at sea - 2 days
- b. Working days - 2 days
- c. Ship Trace - N.A.
- d. Km of continuous data - N.A.
- e. No. of stations - 4
- f. No. of samples - 48

