

Received 13 NOV 79⁵⁷
Coded 14 NOV 79
IN ADMIN " "

78014

Cruise Report
USGS - UT Coop

1. Ship: R/V Egret

2. Cruise No.

3. Area of Operation: Galveston Bay Area, Texas

4. Dates of Operation: Cruise period 5/22/78 to 6/2/78

5. Personnel:

Ronald Miller - USGS, Chief Scientist
Neal Lillard "
Jack Kindinger "
Tim Martin "

Gale Driver - WRD, Boat Operator

Earl Verbeek - Environmental Geology

Tom Calnan - Univ. of Texas
Russel Lewis " " "

6. Purpose:

The objective of this cruise was to obtain high resolution profiles of the Galveston Bay Area as part of a general survey of the Texas Coastal Zones. In addition a series of short cores was taken for dating analysis.

7. Equipment: Del Norte Minisparker system
Diver corer - USGS made

8. Navigation: Precision navigation was obtained via a Motorola miniranger system with a reported error of ±1 meter.

9. Data acquired: Approximately 700 km. of high resolution seismic lines and six diver cores averaging 1.5 m in length.

10. Comments:

The high resolution seismic data averaged 150 meter of penetration and was excellent quality because of good sea state.

11. Tabulated information:

- a. Days at sea - 12 days (13 hrs per day)
- b. Working days - 12 days (12 hrs per day working)
- c. Ship trace - 700 km
- d. Km of continuous data - 700 km
- e. No. of stations - 6
- f. No. of samples - 6

