

SUPPLEMENTARY READINGS

Berryhill, H. L., Jr., editor, 1977a, Environmental studies, south Texas outer continental shelf, 1975—An atlas and integrated summary. U.S. Geological Survey, report to the U.S. Bureau of Land Management, contract 08550-MU5-20, 303 p.

—1977b, Environmental studies, south Texas outer continental shelf, 1976—Geology: Reston, Va., U.S. Geological Survey, available only from U.S. Department of Commerce, National Technical Information Service, Springfield, VA 22161, as Report PB 277-337/AS, 626 p.

—1978, Environmental studies, south Texas outer continental shelf, 1977—Geology: Reston, Va., U.S. Geological Survey, available only from U.S. Department of Commerce, National Technical Information Service, Springfield, VA 22161, as Report PB 289-144/AS, 506 p.

Berryhill, H. L., Jr., Shideler, G. L., Holmes, C. W., Hill, G. W., Barnes, S. S., and Martin, R. G., Jr., 1976, Environmental studies of the south Texas outer continental shelf, 1975—Geology—Part I, Geologic description and interpretation: Reston, Va., U.S. Geological Survey, available only from U.S. Department of Commerce, National Technical Information Service, Springfield, VA 22161, as report PB 251341, 273 p.

Groover, R. D., editor, 1977, Environmental studies, south Texas outer Continental Shelf, biology and chemistry: University of Texas, Texas A&M University, and Rice University, report to the U.S. Bureau of Land Management, contract 08550-CT6-17, 1216 p.

Gunter, Gordon, 1950, Seasonal population changes and distributions as related to salinity, of certain invertebrates of the Texas coast, including the commercial shrimp: Port Aransas, Texas, Publications of the Institute of Marine Science, v. 1, no. 2, p. 7-51.

Hedgepeth, J. W., 1953, An introduction to the zoogeography of the northwestern Gulf of Mexico with reference to the invertebrate fauna: Port Aransas, Texas, Publications of the Institute of Marine Science, v. 3, no. 1, p. 107-224.

Parker, P. L., editor, 1976, Environmental studies, south Texas outer continental shelf, 1975—Biology and chemistry: University of Texas, Texas A&M University, and Rice University, report to the U.S. Bureau of Land Management, contract 08550-CT5-17, 598 p.

Parker, R. H., 1960, Ecology and distributional patterns of marine macro-invertebrates, northern Gulf of Mexico, in: Shepard, F. P., Phleger, T. B., and van Andel, T. H., editors, Recent sediments, northwest Gulf of Mexico: American Association of Petroleum Geologists Special Publication, p. 302-337.

Parker, R. H., and Cuny, J. R., 1956, Fauna and bathymetry of banks on continental shelf, northwest Gulf of Mexico: American Association of Petroleum Geologists Bulletin, v. 40, no. 10, p. 2428-2439.

Shepard, F. P., and Moore, D. G., 1955, Central Texas coast sedimentation—Characteristics of sedimentary environment, Recent history and diagenesis: American Association of Petroleum Geologists Bulletin, v. 39, no. 8, p. 1463-1593.

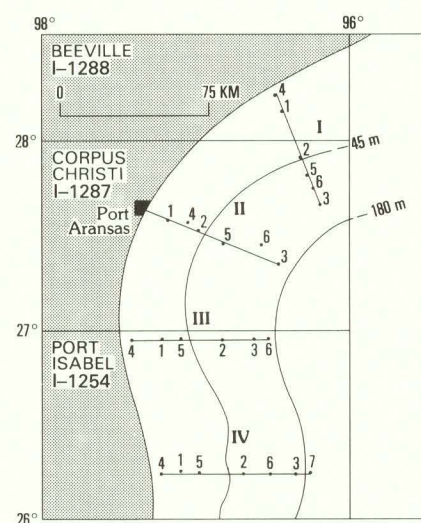
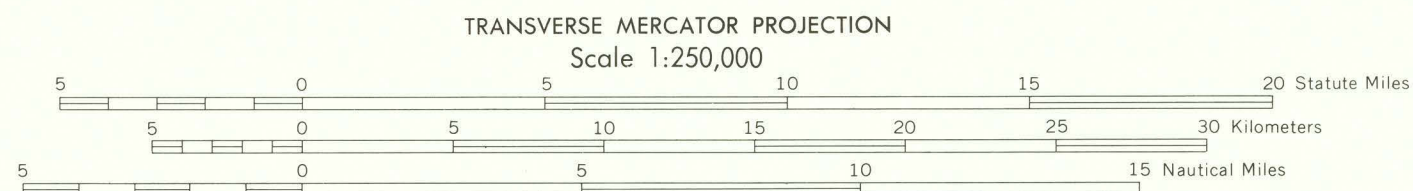
Base from U.S. National Ocean Survey. Base map information including bathymetry, compiled by the U.S. National Ocean Survey from NOS hydrographic surveys supplemented by hydrographic information from other sources. Bathymetric contour intervals: 10 meters to the 200-meter depth, supplemented by 2-meter intervals, thence 50 meters to maximum depth.

Datum: MLLW

Universal Transverse Mercator Grid, Zone 14; 10,000-meter ticks (1 are shown on the northeast).

Lack of sufficient data on portions of this map requires the use of generalized form lines to infer probable shape for conical or elliptical shaped features that would otherwise appear truncated. The form lines are not at the prescribed contour interval.

EVALUATION OF BATHYMETRIC SURVEY ACCURACY				
SURVEY NUMBER	SURVEY DATE	SCALE	SURVEY LINE SPACING (NAUT. MILES)	HORIZONTAL LINE SPACING (METERS)
H-5893	1934-35	1:20,000	0.5-1.2	20-40
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Compiled by H. L. Berryhill, Jr. and A. R. Trippel in 1978. Scientific contributors include G. W. Hale, K. A. Roberts, J. L. Kindinger, G. N. Wiley, H. L. Berryhill, Jr., G. L. Shideler, and C. E. Shelling of the U.S. Geological Survey and J. S. Holland of the University of Texas Marine Science Institute at Port Aransas.

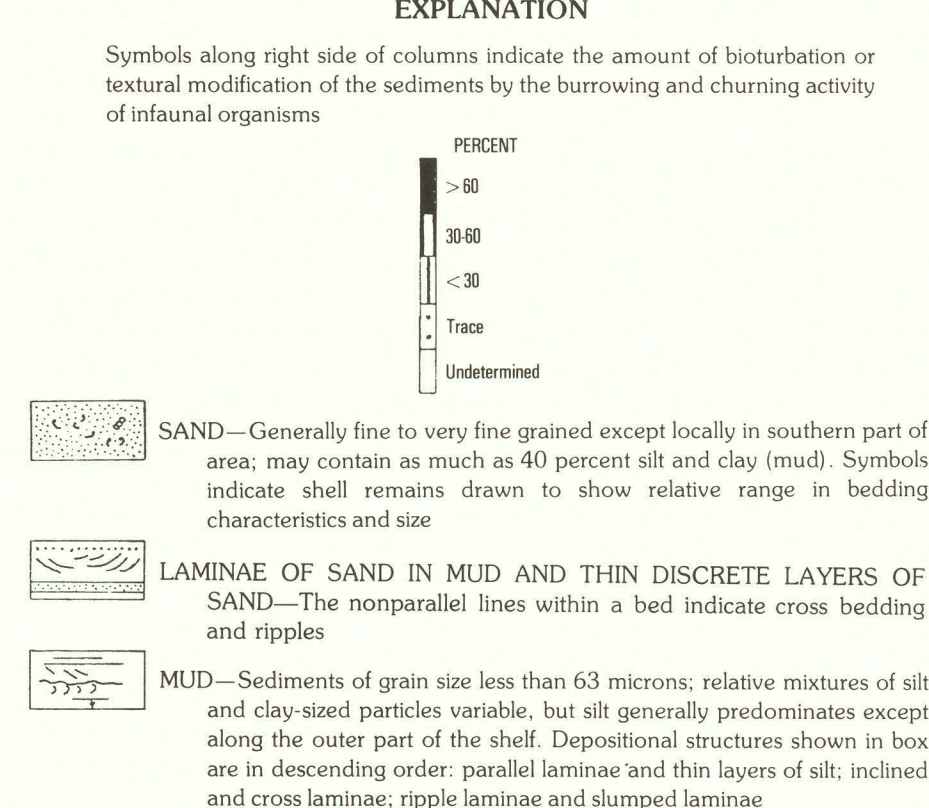


Figure 3.—Columnar sections from gravity cores showing the characteristics of shallow subsurface sediments

MAP SHOWING NATURE OF SHALLOW SUBSURFACE SEDIMENTS AND BIOGEOLOGY IN THE BEEVILLE 1° × 2° QUADRANGLE, TEXAS

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