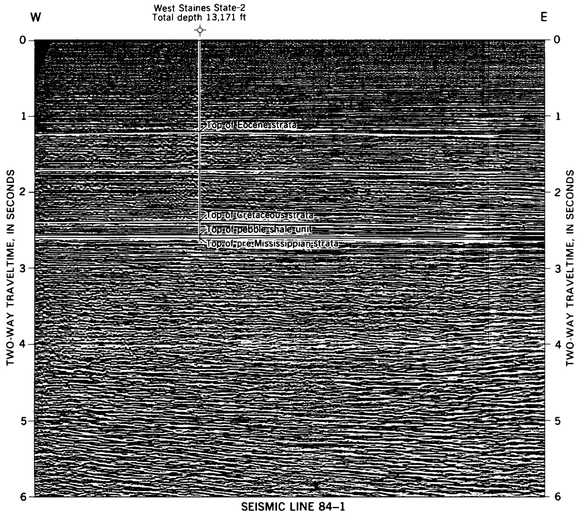
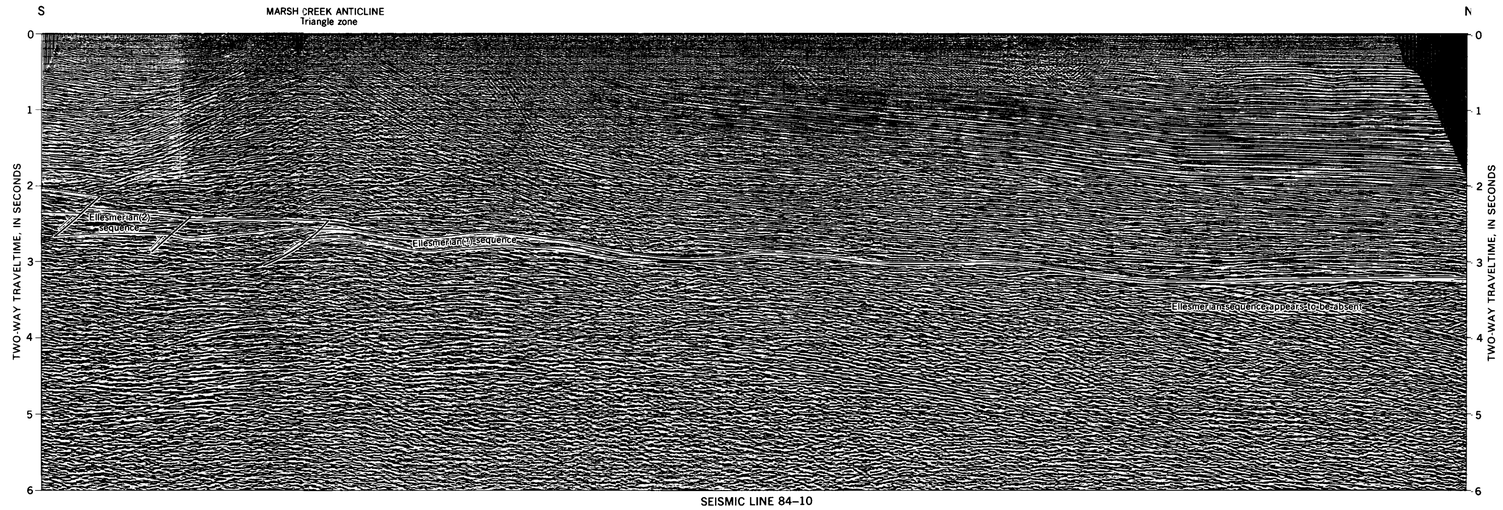
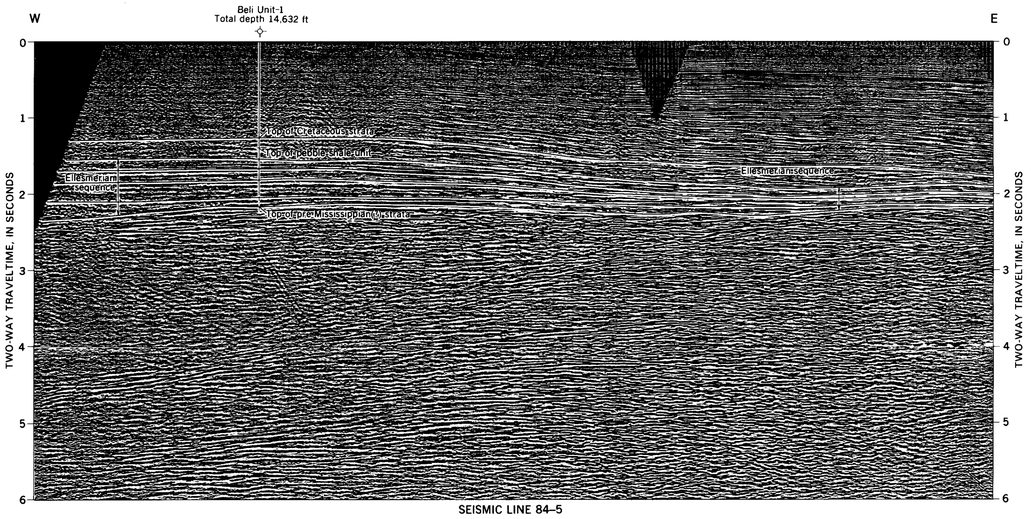


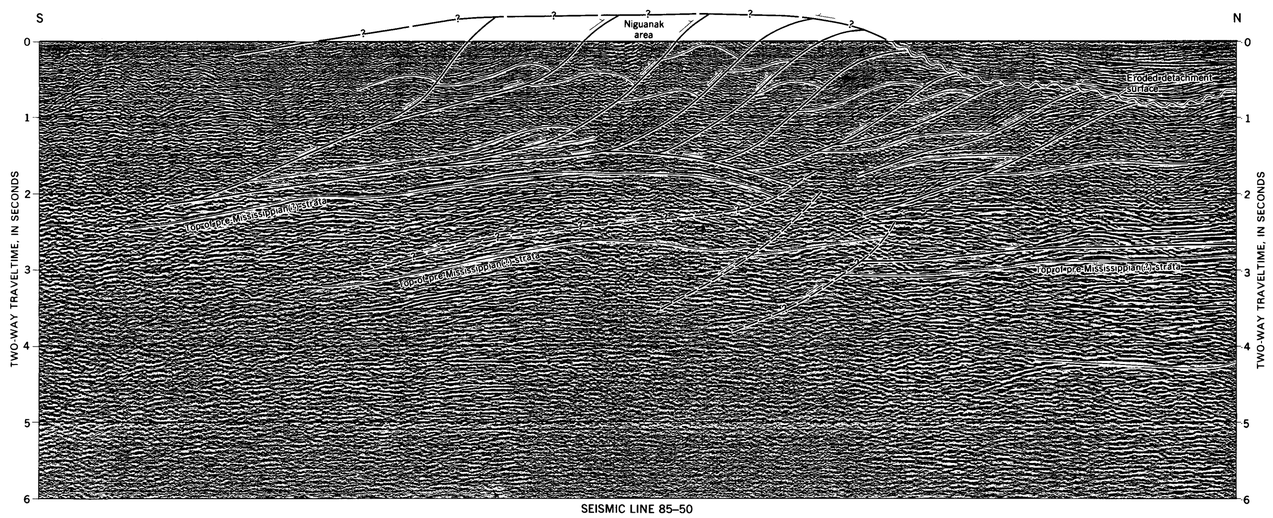
SEISMIC LINE 84–1



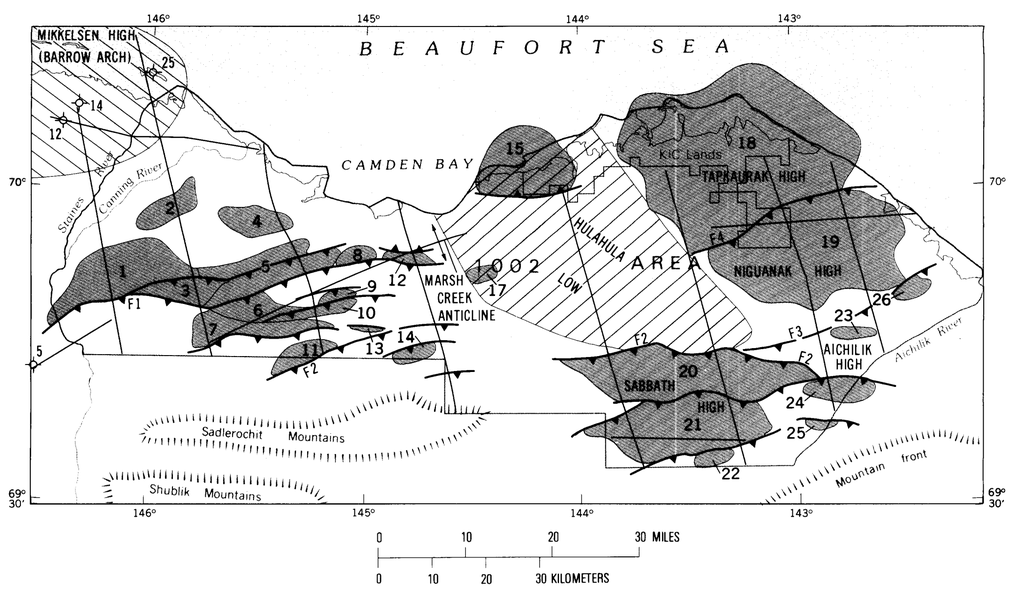
SEISMIC LINE 84–10



SEISMIC LINE 84–5



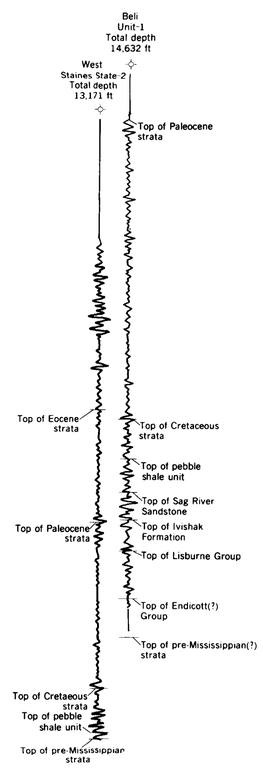
SEISMIC LINE 85–50

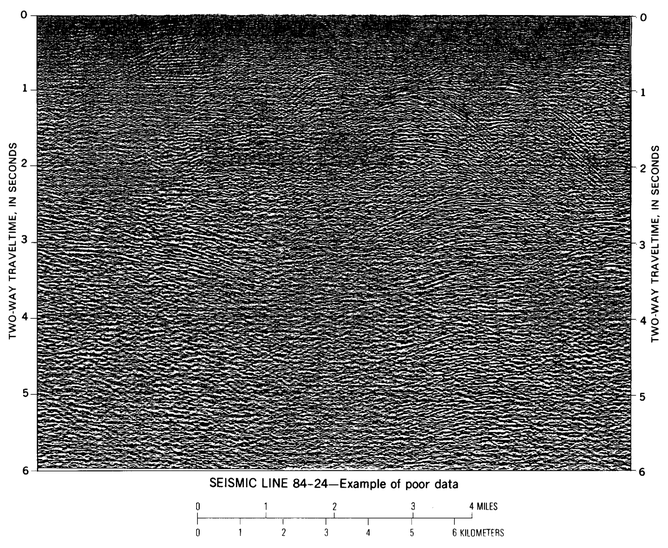


EXPLANATION

- Structural closures mapped on the pre-Mississippian unconformity. Numbers refer to details on table 23.1.
- Area of Hulahula low greater than 6,700 m (22,000 ft) subsea
- Area of Mikkelsen high less than 4,270 m (14,000 ft) subsea
- F1 Thrust fault – Sawteeth on upper plate. Dashed where uncertain. Letter/number refers to faults on plate 4
- USGS-processed seismic line
- 5 Well – See table 1.1 for identification

B. **Structural features on pre-Mississippian unconformity**





SEISMIC LINE 84–24—Example of poor data

A. **Selected seismic lines across the 1002 area**

Seismic lines processed by W. J. Lennback and J. J. Miller, U.S. Geological Survey, 1984–85 and interpreted by R. L. Folend and D. J. Lalla, U.S. Bureau of Land Management, 1984–85
For discussion, see Chapter 17

SELECTED SEISMIC LINES, SYNTHETIC SEISMOGRAMS, AND STRUCTURAL FEATURE MAP ON TOP OF PRE-MISSISSIPPIAN ROCKS, 1002 AREA, ARCTIC NATIONAL WILDLIFE REFUGE, ALASKA