
Plate 1. Location map of geophysical profiles in the Beaufort Sea region obtained by the U.S. Geological Survey from the U.S. Coast Guard Cutter 'BIRCH ISLAND' August 20 to September 7, 1973. Vals of profiles from lines determined by magnetic, gravity, and seismic data. Newy points along these lines are identified by lines and numbered sequentially by date. Nearby points are numbered every 100 meters (900, 2, 20, 10, 1500, 600, 3000, 7000 meters), Arrows indicate correlation between seismic, gravity, and magnetic data. These lines are drafted where their locations are identified by magnetic, gravity, and seismic data. Each profile from lines is identified by its east points (e.g., 333-390).

Northwest feature of back swells identified.

Legend: 1) Lines determined by position of the Arctic Continental shelf ice edge.