

Initial Reports Volume 117: Chapter 17: Figure 5. A. Selected strike- and dip-line water gun reflection profiles across Owen Ridge (see inset location map.) Two reflectors highlighted by dotted lines are interpreted as (lower) a surface of regional onlap marking the earliest uplift of Owen Ridge during the late Oligocene and (upper) the diachronous (early to middle Miocene) faces change from turbidites to pelagic sediments. DSDP Site 224 was crossed on line 35; eleven cores from Pleistocene to early Eocene age were recovered at this site above volcanic basement at 787 m below the seafloor.

