



Figure 10. The Appalachian Basin Province, illustrating the extent of the Devonian and Lower Mississippian shale, the limit of generation and preservation of oil in the Devonian shale and Oriskany Sandstone, and vitrinite reflectance (%Ro) isotherm contours (Repetski and others, 2002, 2005; personal communication; Weary and others, 2000, 2001).