



**Figure 56.** Petroleum event chart for a Carboniferous-Permian petroleum system (Blackie source-Jungle Creek reservoir). The critical moment for oil and gas generation (arrow) in southern Eagle Plain occurred during Late Jurassic/Early Cretaceous time, the midway point of thermal oil and gas generation derived from the burial history diagrams of Link and Bustin (1989). Sil.-Silurian, Carbon.-Carboniferous, Per.-Permian, Tri.-Triassic, Q.-Quaternary.