

Contour a fault (Fig. 7.41) that includes all four wells that cut faults. Is the fault surface obtained reasonable? What is the attitude of the fault plane given by the three points 1, 4, 2? What is the attitude of the fault plane given by the three points 2, 3, 4? What is the attitude of a fault plane through wells 1, 2, and 3? Is this a possible fault plane? Why or why not?

Fig. 7.41.

Map of the southern portion of the Deerlick Creek coalbed methane field. *Open circles* are wells with the elevation of the top of the Gwin coal cycle (ft). *Solid circles* are wells with fault cuts; single number is top of Gwin if present, number pair is stratigraphic separation/elevation of fault cut. Structure contours shown on the top of the Gwin are tentative. Elevations below sea level are negative

