

**Method of locating wells in the shape file**

Wells in the shape file are plotted to a scale of 1:24,000. Survey plats were used to locate most of the wells in the shape file. In these instances, the well point represents the distance in feet from the section lines as plotted on the registered surveyor's plat attached to the well permit. The well point was plotted on screen using 7.5-minute topographic DRG quadrangle maps. U.S. Bureau of Land Management protraction diagrams were used in areas where the Section, Township, and Range grid was not shown on the 7.5-minute quadrangle maps. The location of the well point is estimated to the nearest 5-acre spot based on driller's reports or logs for wells without a registered surveyor's plat.