

APPENDIX B

Land Division By the Township and Range System

Most land in the United States north and west of the Ohio River is divided into grids based on township, range, and section. In this publication areas of mining activity are located according to this system. The grids subdivide the land into blocks six miles to a side referred to as townships. Townships are referenced to principal meridians which trend north-south, whereas ranges are located from baselines which run east-west. New Mexico contains one range and one meridian that intersect near San Acacia and just east of I-25 in Socorro County.

Each township is further divided into 36 one-mile-square sections. Section 1 is always located in the northeast corner of the township (Fig. 1). The location of a mine or mill within a township may be specified more rigorously by further subdivision of sections into quarter sections which are written as 4, not 1/4, for ease of typing. For example, the mill shown in Figure 1 has a location of NW4 SW4 SE4 Sec. 24 T2S R2W. Certain lands, such as Spanish Land Grants, Indian Reservations, or unsurveyed areas, are not covered by the land grid. When possible, a projected T and R description is provided.

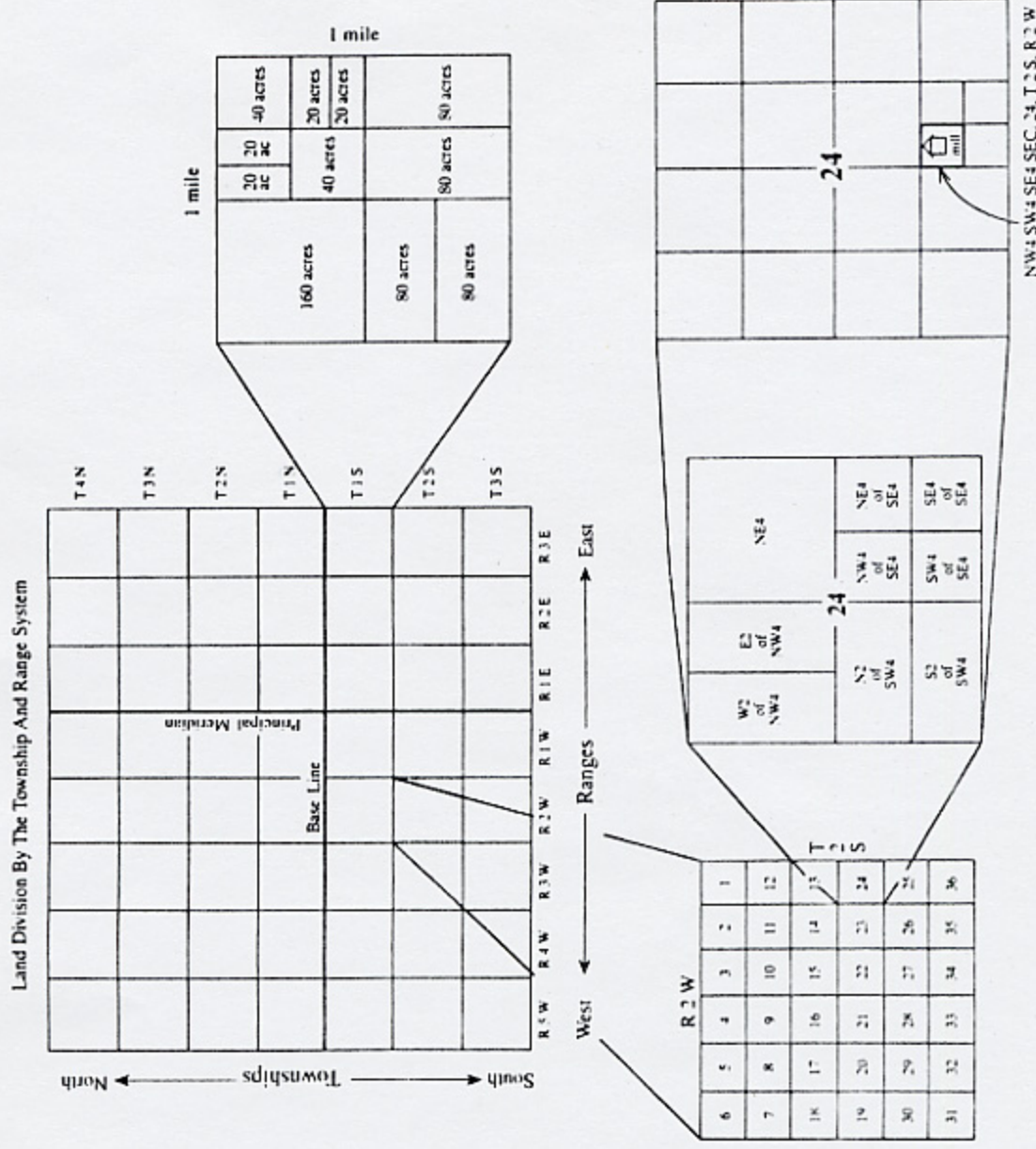


Fig. 1. Explanation of township and range system