

Survey of the Subdivision of T. 8 N., R. 44 E.

Chains

from which

A juniper, 6 ins. diam., bears N. $55\frac{1}{2}^{\circ}$ E., 63 lks. dist.,
mkd. LC 4-5 S5 BT.

A pinon, 6 ins. diam., bears S. $5\frac{1}{2}^{\circ}$ W., 43 lks. dist.,
mkd. LC 1-8 S6 BT.

Desc. 20 ft. over NW. slope.

85.05 Hillside drain, course S. 30° W.; asc. 5 ft. over SW. slope.

85.84 The cor. of secs. 5, 6, 31 and 32, on the N. bdy. of the township.

Land, mountainous.

Soil, shallow sandy, gravelly and rocky.

Timber, pinon, juniper, and mahogany; undergrowth, sagebrush,
mountain laurel, and a fair growth of grass.

GENERAL DESCRIPTION

Practically the entire township is mountainous in character. It lies near the southern end of the Toiyabe National Forest. This mountain range crosses the center of the township in the north-south direction. Most of the drainage from the western half of the township leads into Manhattan Gulch, which drains westerly toward Smoky Valley. The eastern half of the township drains easterly and southeasterly through three large gulches and numerous smaller ones toward Ralston Valley.

The soil over the entire township varies from sandy silt mixed with decomposed limestone, lava, schist, slate, and gravel in the valleys, gulches, and lower hillsides to nearly solid rock on the higher elevations. Elevations vary from about 6700 feet where the main gulches leave the township to 9274 feet on the summit of Bald Mountain in section 4.

Practically the entire township is timbered with scattering timber, mainly pinon and juniper, with some mahogany on the higher slopes. Sagebrush and grass cover most of the area of the township, and all but the higher rocky slopes furnish excellent winter stock grazing. Water is scarce, being limited to stock watering retaining ponds and small reservoirs and several wells and mine drains resulting from mining operations along Manhattan Gulch and its branches.

The mining town of Manhattan, Nevada is situated along Manhattan Gulch, mainly in secs. 19, 20, and 21, but with most of the population of some 200 people living in about 100 fairly substantial homes in the NW $\frac{1}{4}$ of sec. 20, lining both sides of a good gravel road along Manhattan Gulch. There are several side streets along branch gulches containing an additional 60 homes. Practically all the improvements, such as homes, stores, etc., are situated on patented mining claims.

About 200 of the approximately 220 surveyed mining claims situated in the Manhattan Mining District, Nye County, Nevada are situated in or partly in this township. These claims are all tied, either directly or indirectly, to a series of five U. S. Location Monuments. Three of these monuments are situated in T. 8 N., R. 44 E., and the other two in T. 8 N., R. 43 E. There are 105