

This township is mountainous in the central and western portions with rolling land in the eastern part. The dividing ridge of the Simpson Park range of mountains, extends northerly through the central part of the township. These mountains have a gradual slope toward Monitor Valley on the east, with steep, rough and broken slopes to the edge of Grass Valley on the west. The soil of the mountainous portion is generally a dark, loose loam, very rocky on the ridges, spurs and slopes, and good, deep, rich loam in the bottom of ravines, canyons and draws. In the eastern portion the soil consists of a heavy, brown, clay loam, very compact, stony and rocky on the higher ridges, with a deep, loose, rich loam along the draws. Small meadows are found in wide draws which drain eastward from the mountains, where the soil is a dark, rich loam and susceptible to dry farming.

The ranch of Maurizio Pieretti is located in secs. 25 and 36, consisting mostly of a natural meadow growing wild hay. The land here is a heavy, brown, clay loam with a gravelly subsoil which permits of a seepage flow of water by which subsurface irrigation is partly accomplished. Water for surface irrigation is obtained by several springs in the ravine from sec. 26 and by a ditch which conveys the snow water in the spring from Cottonwood Creek flowing out of sec. 10. Small grain, wild hay, alfalfa and the hardier vegetables are grown on this ranch.

The southwest portion of this township is covered with a good growth of pinon pine timber which is used for fence posts and firewood. The higher slopes of the mountains are covered with a scrubby growth of quaking aspen and mountain mahogany. On account of the inaccessibility of this timber it has very little commercial value.

The undergrowth in this township consists mostly of sagebrush, service berry and a fair growth of bunch grass, the high mountain tops being covered with a dense growth of chaparral. Willows are found along many of the deep ravines and along the draws.

The rock formations of the mountainous portion, consist mostly of granite, limestone, quartz and porphyry. There are slight indications of mineral, principally copper, silver and gold throughout the township.

Maurizio Pieretti is the only settler within the township.

Nov. 23, 1915.

*W. B. Pappert*  
U.S. Surveyor.

*W. B. Johnston*  
U.S. Transitman.