28.

Chs.

NE. cor. of corral, 375x150 ft. bears S.48°50'E., 11.80 chs. dist.

Head of spring bears S.37°50'E., 10.68 chs. dist. NW. cor. of Grover A. Young house, 43 lks. square, bears S.25°E., 8.48 chs. dist.

June 24, 1914. Edward R. Burbury U.S. Transitman.

GENERAL DESCRIPTION.

This township is located on the east slope of the Quinn Canyon Mountains and borders on the extreme northeast end of Penoyer Valley. The east and southern part of the township is generally rolling with slight drainage to the southeast; no timber occurs in this portion of the township, but there is a good undergrowth of sagebrush, shadscale, mountain rush and cactus with fairly good patches of scattering bunch and salt grass which afford good grazing facilities. The soil of the rolling portion of the township consists of coarse gravel and loose rock on surface, from 2 to 5 inches deep on a subsoil of light sandy clay of medium texture mixed with coarse gravel; this soil is of very little value for agricultural purposes. The character of the land in the northeasterly portion of the township is very rough and mountainous of volcanic formation and of no value except for grazing. The general drainage and exposure is to the southeast, while the soil is very stony on the surface and of fourth class rate. Patches of dense and scattering growths of cedars and pinon pine with a scattering and medium undergrowth of sagebrush, shadscale, mountain rush, buckbrush and scattering bunchgrass are found in this part of the township.

The main traveled road in the township is the one from the Grover A. Young ranch in section 5 to Pioche. Several other short and less important roads are located in the township. A water pipe line is found, beginning in section 8, near the mouth of Quinn Canyon and extending in a southeasterly direction about 5 miles, to a corral in the valley; this water is piped for the purpose of affording drinking stations at various intervals for cattle.

Two good cold water springs are found in the northern part of section 5, and one in section 10.

One settler, Grover A. Young is located in the extreme northern part of sec. 5 of this township. Mr. Young is engaged in the cattle business and so far has raised no crops on the land settled upon. His improvements consist of a house, barn, corral and fencing which value approximately \$2500.00.

I was unable to locate the U.S. Mineral Monument supposed to be in the Quinn Canyon Mining District; neither did I find any traces of coal, oil or mineral in this township.

Edward R. Bunbury U. S. Transitman.