

SUBDIVISION OF T. 1 S., R. 34 E.

Chains

from which

A juniper stump 10 ins. diam., 3 ft. above ground, bears W. 2 lks. dist.

A juniper, 3 ins. diam., bears S. 20° E., 5 lks. dist.; mkd. BT.

From the $\frac{1}{4}$ sec. cor. for sec. 6, the SW. standard cor. of T. 1 N., R. 34 E., bears W. 7.75 chs. dist.; an iron post, 3 ins. diam., firmly set in a mound of stone, mkd. as described in the official record.

From this SW. standard cor. of T. 1 N., R. 34 E. the SE. standard cor. for T. 1 N., R. 33 E., bears N. 3.34 chs. dist.; heretofore described.

Final Test of Solar Attachment of Young & Sons Transit
No. 8539.

June 12, 1937, at the cor. of secs. 7 and 18, on the W. bdy. of Tp., at 8h 15m a.m., app. t., I set off 37° 52' N., on the lat. arc; 23° 10' N. on the decl. arc; and orient the instrument with the solar; the line of sight agrees with the meridian established by Polaris observation.

GENERAL DESCRIPTION

The township is located along the east slope of foothills of the White Mountain range. The elevation ranges from 5200 ft. along the east range of sections and gradually rises to about 7000 ft. forming a plateau area to approximately the fifth range line; whence it rises more abruptly to 9000 ft. in the extreme southwesterly part and along the W. bdy. The east half of the township can be classed as rolling mountainous; however some parts are very broken. The SW $\frac{1}{4}$ of the township is extremely rugged, broken mountainous; while the NW $\frac{1}{4}$ is mountainous.

The soil is mostly fine sand to coarse, mixed with decomposed fine gravel varying in depth from shallow to 15 inches. The subsoil is a gravel deposit resting on a granite and lava base.

The drainage is good; the stream system being Chiatovich Creek, with its branches, Davis and Middle Creeks, and its tributaries through the south two thirds part of the township.

The slopes of the spurs and ridges almost without exception are steep and rocky on which is very little soil. The higher slopes in the W. range of sections are covered with a scattering stand of pinon pine and juniper interspersed with mahogany, of no commercial value except for post and fuel. The predominating types of undergrowth are sagebrush, shadscale, greasewood, cactus and a fair growth of bunch grass. Narrow fringes of willows line the creek bottoms. The Davis Ranch is located in secs. 29, 30, and 31, mostly under fence; and extensive cultivation carried on under irrigation. Another settler, L. E. McKown has approximately 80 acres under fence in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ sec. 7, and N $\frac{1}{2}$ SW $\frac{1}{4}$ sec. 8; with a small field cultivated under irrigation.

Extensive mining development is in progress in the NW $\frac{1}{4}$ of sec. 18, by the Red Rock Mining Company for quicksilver. The B. & B. Quick Company operates several quicksilver claims located in the NW $\frac{1}{4}$ sec. 6; which also extend into T. 1 N., R. 33 E. and T. 1 S., R. 33 E.

The predominating interest is in stock grazing; as there is a fair growth of browse over most of the township.