

## Subdivision of frac. T. 27 N., R. 23 E.

## Chains

Survey commenced June 17, 1912, by Guy P. Harrington, U.S. Surveyor, and executed with a Young & Sons light mountain transit No. 8394, with solar attachment. The horizontal limb is provided with two double verniers placed opposite each other, reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The iron posts used in the survey of this township are 3 feet long, 1 inch in diameter, and are set 26 ins. in the ground. The posts are pointed and driven, filled with cement, and fitted with brass caps.

The instrument was examined and tested on a meridian established in T. 24 N., R. 23 E. on May 31, 1912, and found to be correct.

June 17, 1912. At 8h 00m A.M., l.m.t., I set off  $40^{\circ} 09\frac{1}{2}'$  on the lat. arc,  $23^{\circ} 24\frac{1}{4}'$  N. on the decl. arc, and determine a meridian with the solar, at the cor. of secs. 5, 6, 31 and 32, on S. bdy. of Tp.

Thence I run

N.  $0^{\circ} 01'$  E. bet. secs. 31 and 32.

Over rough, mountainous land, descending NE. slope.

19.60 Bottom of descent. Deep drain, course E. Begin ascent.  
36.70 Top of ascent. Low ridge, brs. W. and E. Begin descent.  
39.75 Bottom of descent. Small drain, (dry) course E.  
Begin ascent.

40.00 Set an iron post for  $\frac{1}{4}$  sec. cor. bet. secs. 31 and 32,  
with brass cap stamped

$\frac{1}{4}$  S 31 in W. half  
S 32 in E. half  
1912 in S.

Build a mound of stone 2 ft. base,  $1\frac{1}{2}$  ft. high, W. of cor.

48.20 Dry drain, course SE.