

Subdivision of frac. T. 25 N., R. 23 E.

Chains

Survey commenced May 23, 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 at camp in T. 25 N., R. 22 E., and found to be correct.

May 23, 1912. At 8 a.m., l.m.t., I set off $39^{\circ} 59'$ on the lat. arc, $20^{\circ} 36\frac{3}{4}'$ 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, ascending along W. slope.

32.90 Draw, course W.

40.00 Set an iron post for the $\frac{1}{4}$ 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.

49.75 Top of ascent. Ridge, brs. E. and W. Begin descent.

61.00 Bottom of descent. Dry drain, course SW. Begin ascent.

80.00 Set an iron post for the cor. of secs. 29, 30, 31 and 32, with brass cap stamped