Subdivision of frac. T. 26 N., R. 23 E.

Chains

Survey commenced June 3, 1912, by Earl G. Harrington, Transitman, and executed with a Young & Sons light mountain transit No. 8388, 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 cap.

May 31, 1912. At 7h 05m P.M., l.m.t., at my camp in SW¼ of sec. 3, T. 26 N., R. 23 E., Lat. 40° 09' N., Long. 119° 24' W., I observe Polaris in accordance with instructions in the Manual, and mark the direction thus determined by a tack driven in a wooden stake, set firmly in the ground, 5.00 chs. North of my station.

Time of observation 7h 05m P.M., l.m.t.

U. C. of Polaris, Long.119°24'W. (G.L.O. Eph.) 8h 51.7m P.M., l.m.t.

Time elapsed since U.C. or hour angle 10h 13.3m

Azimuth of Polaris at time of observation, 40' W.

June 1, 1912. At 7h 00m A.M., l.m.t., I lay off the azimuth of Polaris 0° 40' to the East, and mark the meridian thus determined by a tack driven in a stake 5.00 chs. North of my station.

This meridian is used to test instruments on, while at work on the subdivision and exteriors of this township.

June 3, 1912. At 8h 00m A.M., l.m.t., I set off 40° 04' on the lat. arc, 22° 20½' 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.