

Retracement of the E. Bdy. of T. 34 N., R. 65 E.

5.

Chains. August 20, 1914: At 4h.00m., p.m., l.m.t., I set off 40° 52'N. on the lat. arc; 12°31'N. on the decl. arc; and determine a meridian with the solar, at a station established at my camp, near the ¼ sec. cor. of secs. 7 and 12, on the E. bdy. of the Tp., latitude 40°52'N., longitude 114°35'W.

I mark a point in this line, on a stake firmly driven in the ground, about 5 chs. N. of my station.

At 9h.38m., p.m., l.m.t., I observe Polaris at eastern elongation, in accordance with manual of instructions, and mark a point in the line thus determined, on a peg driven in the ground, about 5 chs. N. of my station.

August 20, 1914.

 August 21, 1914: At 6h.10m., a.m., l.m.t., I lay off the azimuth of Polaris, 1°31½' to the west, and mark the meridian thus determined, by driving a small nail in the stake already set about 5 chs. N. of my station, on which the meridian practically intersects the point marked on the solar meridian.

At 8h.00m., a.m., I set off 40°52'N. on the lat. arc; 12°17'N. on the decl. arc; and determine a meridian with the solar, at my station, and mark a point therein, on the stake, set 5 chs. N. of my station. This point falls about ½' to the right of the point established by Polaris observations.

The solar apparatus having determined lines by a.m. and p.m. observations which, for all practical purposes, are due north, I decide that the instrument is in adjustment.

 August 22, 1914: At 2h.00m., p.m., l.m.t., I set off 40° 53'N. on the lat. arc; 11°52'N. on the decl. arc; and determine a meridian with the solar, at the cor. of Ts. 34 and 35 N., Rs. 65 and 66 E., heretofore described.

Thence I run
 South on a retracement bet. secs. 1 and 6.