Subdivision of T. 46 N., R. 53 E.

Chains

Survey commenced Aug. 19, 1911, by Francis E. Joy, 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 to each other reading to single minutes of arc, which is also the least count of the verniers of the latitude and declination arcs.

The instrument was examined and tested on a meridian established on June 20, 1911, (description of which will be found in field notes of the subdivision of T. 46 N., R. 52 E.) and found correct.

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

Aug. 19, 1911. At 8 a.m., l.m.t., I set off 41° 51' on the lat. arc, 13° 02' N. on the decl. arc, and determine a meridian with the solar at the S.C. of secs. 31 and 32, on the 9th Standard Parallel N., and S. bdy. of Tp., previously described.

Thence I run

N. 0° 01' E. bet. secs. 31 and 32.

Descending NE. slope, through brush.

3.00 Dry drain, course NW.

4.00 Foot of descent, brs. NW. and SE. Begin ascent.

Leave brush, brs. NW. and SE. Thence over SW. slope.

17.00 Top of ascent. Ridge, brs. NW. and SE. Begin descent.

31.00 Enter brush, brs. E. and W.

38.00 Dry water course, course NW.

39.00 Foot of descent. Drain, course NW. Foot of descent.

Leave brush, brs. NW. and SE.

39.50 Ascend SW. slope.