Subdivision of T. 47 N., R. 53 E.

Chains

Survey commenced July 17, 1911, by Francis E. Joy, U. S. Surveyor, and executed with a Young & Sons light mountain transit No. 8506, 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 SE. cor. of this Tp. is in Lat. 41° 55' 31" N.; Long. 115° 59' 50" W.

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

July 17, 1911. At 8 a.m., l.m.t., I set off 41° 56' on the lat. arc, 21° 21' 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., previously described.

(The magnetic bearing of the meridian thus established is N. 21° 10' W., or a magnetic declination of 21°10'E.)

Thence I run

N. 0° 01' E. bet. secs. 31 and 32.

Over prairie, descending.

14.30 Road, brs. N. 40° E. and S. 40° W.

15.40 Spring brnach, 5 lks. wide, course S. 30° W. Banks skirted with dense growth of willows about 2 chs. wide; also foot of descent.

19.10 Road, brs. N. 30° E. and S. 30° W.

40.00 Set an iron post for ¼ sec. cor. bet. secs. 31 and 32, stamped in cap

¼ S 31 in W. half
S 32 in E. half
1911 in S.

Build a mound of stone 2 ft. base, 1½ ft. high, W. of cor.