Subdivision of T. 46 N., R. 50 E.

Chains

Survey commenced Sept. 16, 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 at camp near the S. bdy. of Sec. 36, on Sept. 9, 1911, (description of which will be found in notes of the subdivision of T. 46 N., R. 51 E.), and found correct.

I examine the adjustments of the transit and correct the level and collimation errors.

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.

The SE. cor. of this Tp. is in Lat. 41° 50' 23" N.; Long. 116° 19' 02" W.

Sept. 16, 1911. At 8.00 A.M., l.m.t., I set off 41° 50' on the lat. arc, 2° 57' N. on the decl. arc, and determine a meridian with the solar, at the S.C. of secs. 35 and 36, on S. bdy. of Tp., previously described.

Thence I run

N. 0° 01' W. bet. secs. 35 and 36.

Over rolling land, through sage brush.

28.00 Begin descent of small slope.

36.00 Foot of descent. Small swale, course E.

40.00 Set an iron post for the ¼ sec. cor. bet. secs. 35 and 36, stamped in cap

¼ S 35 in W. half
S 36 in E. half
1911 in S.

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

Begin ascent.

50.00 Top of ascent. Thence over rolling land, through sage brush.