Subdivision of T. 47 N., R. 50 E.

Chains

Survey commenced Sept. 30, 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 exmained and tested on a meridian estbalished at camp near the cor. of secs. 5, 6, 7 and 8, T. 47 N., R. 52 E., on Sept. 23, 1911 (description of which will be found in notes of subdivision of T. 47 N., R. 51 E.), and found correct.

I exmaine 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 dia., 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° 55' 34" N.,; Long. 116° 19' 02" W.

Sept. 30, 1911. At 8.00 a.m., l.m.t., I set off 41° 56' on the lat. arc, 2° 30' S. on the decl. arc, and determine a meridian with the solar at the cor. of secs. 1, 2, 35 and 36, on S. bdy. of Tp.

Thence I run

N. 0° 01' W. bet. secs. 35 and 36.

Over rocky mesa, descending.

14.00 Foot of ridge of rock, brs. NW. and SE.

15.75 Dry drain, course W. Foot of descent. Begin ascent.

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.

51.30 Rim rock, brs. NW. and SE.