

Resurvey of W. & S. Bdy T. 42 N. R. 34 E.

Survey commenced June 6th. 1902 and executed with an A. Lietz transit: the horizontal limb is provided with two double verniers placed opposite each other and reading to single minutes of arc, which is also the least count of the latitude and dec'l arcs. The transit was examined on a true meridian in Reno and found correct June 1, 1902.

I examined the adjustments of the transit and find them correct.

June 6th. at 4 P.M. l.m.t. at the cor to Tps. 41 & 42 N. Rs. 33 & 34 E. I set off 41°30' N. on lat arc and 22°39' N.

and mark a point in meridian by driving tack in plug 5 chs N. of station.

At 8h.35m. l.m.t. I observe Polaris at lower culmination and mark point in plug 5 chs. N. of station.

At 7h.30' A.M. June 7 I set off 41°30' N. on lat arc and 22°44' N. on dec'l arc and mark point on meridian by driving tack in plug 5 chs. N. of station.

As there is less than .07 in. between the three tacks, I conclude that my transit is in satisfactory adjustment and proceed as follows;

I commence at cor of Tps. 41 and 42 N. Rs. 33 and 34 E.

In order to verify the position of this Tp. cor I run

south on a line bet secs 6 and 1 find old pits and mound and part of old 1/4 sec cor.

40.07

80.02

find trace of old sec. cor.

Thus I decide that the corner found to Tp. 41 and 42 N. R. 33 and 34 E. is correct as described by the Surveyor General.