

Test of instrument T. 26 N., R. 40 E.

The instrument is tested at frequent intervals on true meridians and is personally kept in adjustment throughout the progress of the survey.

Measurements are made with a 5 ch. Lallie Steel Tape, tested by comparison with a Lufkin Standard Steel Tape.

Measurements are reduced to true horizontal distances by the use of clinometers

Chains

DEPENDENT RESURVEY OF 5TH STANDARD PAR. N.R. 39 E.
(Reestablishment of Surveys executed by Conklin and Stewart, under Contract No. 132, year 1881)

Note:- In order to locate initial point for commencement of this survey, extensive retracements were necessary of the 5th Standard Parallel through Ranges 39, 40, 41 and 42 and subdivisions in Ts. 25 N., Rs. 39, 40, and 41. Items of topography as indicated in the field notes of the original surveys of these townships could not be conformed to conditions found on the ground during the progress of this survey. No closing corners were found closing on the 5th Standard Parallel through any of the above named Ranges. It is evident that portions of these original surveys were fraudulent in character and it was deemed inadvisable to reestablish said closing corners during the fixation of the 5th Standard Parallel through Range 40.

I begin at the standard cor. of secs. 35 and 36, T. 26 N., R. 39 E., which is a granite stone, firmly set in the ground, marked SC on N. face, and 1 notch on E. and 5 notches on W. face's, with mound of stone N. of cor.

Thence

East, on retracement on S. boundary of sec. 36

40.00 Find no trace of standard $\frac{1}{4}$ sec. cor.

80.00 Find no trace of standard cor. of Ts. 26 N., Rs. 39 and 40 E.

From the standard cor. of secs. 35 and 36

East, on dependent resurvey on S. boundary of sec. 36

Over rough mountainous land

Asc. rocky SW. slope 35 ft. to

2.55 Spur, projects S.

Desc. SE. slope 25 ft. to

7.75 Steep rocky ravine, drains S. 35° W.

Asc. steep rocky broken SW. slope 390 ft. to

23.40 Rocky spur, projects S. 30° W.

Desc. steep rocky SE. slope 60 ft. to

30.00 Steep rocky ravine, drains S. 30° W.

Asc. precipitous rocky SW. slope 725 ft. to 46.65