

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BDY. OF
T. 13 N., R. 29 E.

Chains

By first observation, flag bears ... S. 39° 41' 40" E.
By second observation, flag bears .. S. 39° 41' 45" E.
By third observation, flag bears ... S. 39° 41' 00" E.

Mean true bearing of tree S. 39° 41' 28" E.

The measurements were made with Lallie Steel ribbon tapes 5 and 8 chs. in length. These tapes were graduated every link for the first chain and thereafter at intervals of 10 links. These tapes were compared with a Lufkin standard steel tape one chain in length and found to be correct. Measurements were made on the slopes, the vertical angles determined with improved type clinometers and the slope measurements were properly reduced to corresponding horizontal distances which appear in these notes.

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH
BOUNDARY OF T. 13 N., R. 29 E.

REESTABLISHMENT OF THE SURVEYS EXECUTED BY
J. S. MULLEN AND J. E. FRANKS,
U.S. DEPUTY SURVEYORS, IN 1904.
CONTRACT NO. 237.

Random Lines

In executing the dependent resurvey of the W. half of the S. bdy. of T. 13 N., R. 29 E., courses and distances were found to be substantially in agreement with the official record, with the exception of the S. bdy. of sec. 31. The following retracement was made along this line.

Beginning at the cor. of secs. 5, 6, 31, and 32 on the S. bdy. of T. 13 N., R. 29 E., hereinafter described.

West, between secs. 6 and 31.

40.10 Fall 9 lks. S. of the original $\frac{1}{2}$ sec. cor., hereinafter described.

78.90 Fall 28 lks. S. of the original cor. of Tps. 12 and 13 N., Rs. 28 and 29 E., hereinafter described.

The bearing of the E. half mile is, therefore, N. 89° 52' W., and the dist. is 40.10 chs.; the W. half mile is, therefore, N. 89° 44' W., and the dist. is 38.80 chs.

True Lines

Beginning at the cor. of secs. 3, 4, 33, and 34, which is a pine post, 4 ins. sq., 14 ins. above ground, firmly set, marked and witnessed as described in the official record.

Alongside of old post,

Set an iron post, 3 ft. long, 3 ins. diam., 30 ins. in the ground, for cor. of secs. 3, 4, 33, and 34, with brass cap mkd.