

Resurvey of a Portion of the North Boundary of
T. 19 S., R. 51 E.

chains

The survey was executed with a light-mountain solar transit made by Buff & Buff Manufacturing Company, Serial No. 9797, constructed in accordance with the standard specifications of the General Land Office. A similar transit, also the determination of the bearing of the state boundary are described in the field notes of the Portion of the California-Nevada State Boundary resurveyed under this group. The instrument was in good condition and having been placed in satisfactory adjustment prior to beginning the survey, and tested and found free from appreciable error, was approved by the district cadastral engineer on March 6, 1933.

As the lines to be reestablished run over country which is barren of timber and high brush, the bearings of the lines were determined by deflection from the line of the state boundary, or from other lines whose bearings were so determined, and carried forward as transit lines by the use of foresights and backsights. All lines intersecting the state boundary were checked by deflection.

The measurements were made with a Lallie steel tape 8 chs. in length; the tape is graduated every link for the first 100 lks. and thereafter at intervals of 10 lks. The tape was tested by comparison with a Lufkin standard and found correct. The measurements were made on the slope, the vertical angles were determined by a clinometer in good adjustment; the field notes show the horizontal equivalents.

The following notes describe a resurvey of sec. 6, T.19 S., R.51 E., MDM., Nev., reestablishing the survey executed by E.A. Carter, D.S., in 1881; and extension survey of sec. 6 and frac. secs. 7 and 18, completing the township.

Beginning at the cor. of Ts.18 and 19 S., Rs.50 and 51 E. hereinafter described.

East, on a random line bet. secs. 6 and 31.

38.93 Record dist.; find no trace of $\frac{1}{4}$ sec. cor.; set temp. cor.

82.26 A point 57 lks. S. of the cor. of secs. 5,6,31 and 32; a limestone, 12x8x $\frac{1}{4}$ ins., firmly set in a mound of stone and mkd. with 1 notch on W. and 5 notches on E. side.

In place of stone cor., which is set alongside,

Set an iron post, 3 ft. long, 2 ins. diam., 16 ins. in the ground to bedrock, and in a mound of stone and earth to top, for cor. of secs. 5,6,31 and 32, with brass cap mkd.

T18S R51E

S31|S32

S6|S5

T19S

1933

Thence,

S.89°36'W., on true line bet. secs. 6 and 31.

Along a rolling N. slope, thru very light undergrowth.

12.00 A low spur, slopes N.; desc. 30 ft.

17.00 A wash, 50 lks. wide, course N.

25.00 A wash, 1 ch. wide, course NW.; asc. 30 ft.

33.00 A spur, slopes NW.; continue along a general N. slope.