

Resurvey of the North Boundary of Fractional

T. 23 S., R. 54 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. The instrument and determination of the direction of the California-Nevada State Boundary are described in the field notes of the Portion of the California-Nevada State Boundary resurveyed under this group.

The directions of the resurveyed lines were determined by deflection from the state boundary or from other lines whose directions were so determined. At each point of intersection with the state boundary the direction of the closing line was verified by deflection from the line of the boundary.

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.

Beginning at the cor. of Ts. 22 and 23 S., Rs. 54 and 55 E., described in the field notes of the Portion of the North Boundary of T. 23 S., R. 55 E., resurveyed under this group,

West, on a random line bet. frac. secs. 1 and 36.

40.00 Find no trace of $\frac{1}{4}$ sec. cor.; set temp. cor.

42.45 A point 28 lks. S. of the orig. clos. cor. of frac. Ts. 22 and 23 S., Rs. 54 E.

Return to the cor. of Ts. 22 and 23 S., Rs. 54 and 55 E.

Thence, N. 89° 37' W., on true line bet. secs. 1 and 36.

Over gently rolling land, thru scattering undergrowth.

40.00 Set an iron post 3 ft. long 1 in. diam., 20 ins. in the ground to bedrock, and in a mound of stone and earth to top, for $\frac{1}{4}$ sec. cor. sec. 36, only, with brass cap mkd.

$\frac{1}{4}$ S 36

1934

dig a circular

trench 8 ft. diam., around post.

40.80 Proportional dist.; set an iron post 3 ft. long 1 in. diam., 16 ins. in the ground, with charcoal deposited at the base, and in a mound of stone and earth to top, for $\frac{1}{4}$ sec. cor. sec. 1, only, with brass cap mkd.

$\frac{1}{4}$ S 1

1933

42.45 Intersect the Von Schmidt California-Nevada Boundary at the orig. clos. cor. of frac. Ts. 22 and 23 S., R. 54 E.; a mesquite post 4 ins. sq., 20 ins. long, lying on a mound of earth, marked TXXS RLIVE XXXVI on one side and TXXIIIS RLIVE on one side; and witnessed by pits NE. and SW., about 6 ft. dist.

