

Resurvey of a Portion of the South Boundary of  
 Fractional T.30 S., R.63 E.

adjacent to (enclosed in case) T14N, R18E, S33m

Chains. The survey was executed with a light-mountain solar transit, made by Buff & Buff, Serial No. 10125, constructed in accordance with the standard specifications of the General Land Office. The instrument, also test of solar attachment on a meridian established by an hour angle observation of Polaris, 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 the solar transit method. At each point of intersection with the state boundary the direction of the closing line was verified by deflection from the line of the state boundary. The measurements were made with a Dietzgen steel tape 5 chs. in length, graduated every link for the first 100 lks. and the balance 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 transit or clinometer in good adjustment; the field notes show the horizontal equivalents.

The original cor. of secs. 4, 5, 32 and 33, on S. bdy. of Tp., is a catclaw post, 2 ins. sq., 36 ins. long, set in a mound of stone 3 ft. base, 1 ft. high, marked with T XXX IS R L XIII E S V on SW., S IV on SE., S XXX II on NW. and S XXXII T XXXS on the NE. faces.

At true point for cor. with old post alongside,

Set an iron post, 3 ft. long, 2 ins. diam., 27 ins. in the ground, for cor. of secs. 4, 5, 32, and 33, with brass cap mkd.

T30S R63E  
 S32 | S33  
 S 5 | S 4  
 T31S  
 1933

raise a mound of stone, 3 ft. base, 2 ft. high, W. of cor.

Thence

West, on a random line bet. secs. 5 and 32.

41.08 A point 69 lks. S. of the original  $\frac{1}{4}$  sec. cor.

Thence from cor. of stone mound, and in a mound of stone, set with a stone 1 ft. high, marked with S I on S. face, and S II on N. face, other marks as in notes on S. face.  
 West, on a random line bet. secs. 5 and 32.

41.06 A point 64 lks. S. of the original cor. of secs. 5, 6, 31, and 32

Return to the cor. of secs. 4, 5, 32 and 33.

Thence

N. 89° 02' W., on a true line bet. secs. 5 and 32.

Over rolling land, through scattered undergrowth.

6.66 Wash, 40 lks. wide, course SE.

36.78 At this point which is 40.00 chs. in departure W. of the