

Resurvey of a Portion of the South Boundary of  
Fractional T. 31 S., R. 64 E.

chains

The survey was executed with a light-mountain solar transit made by Buff and Buff, Serial No. 10125, constructed in accordance with the standard specifications of the General Land Office. The instrument and determination 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 line of 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 Dietzgen steel tape 5 chs. in length, 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 the transit or a clinometer in good adjustment; the field notes show the horizontal equivalents.

The original cor. of secs. 3, 4, 33 and 34, on S. bdy. of T. 31 S., R. 64 E., is a granite stone 10x10x6 ins., firmly set in a mound of earth  $3\frac{1}{2}$  ft. base and 1 ft. high, and marked with 3 notches on W. side.

At point for cor.

Set an iron post 3 ft. long 2 ins. diam., 15 ins. in the ground to bedrock, and in a mound of stone to top, for cor. of secs. 3, 4, 33 and 34, with brass cap mkd.

T31S R64E

S33 | S34

S4 | S3

T32S

1933

Thence

West, on a random line bet. secs. 4 and 33.

40.60

A point 28 lks. N. of the  $\frac{1}{4}$  sec. cor.; a mound of earth 4 ft. base and 1 ft. high, witnessed by pits, E. and W., 5 ft. dist. This is undoubtedly the original cor.

The true course and distance for the  $\frac{1}{2}$  mile bet. secs. 4 and 33 is therefore S. 89° 36' W., 40.60 chs. dist.

Thence

West, on a random line bet. secs. 4 and 33.

40.65

A point 55 lks. S. of the cor. of secs. 4, 5, 32 and 33; a mound of earth  $4\frac{1}{2}$  ft. base, 16 ins. high, witnessed by pits in secs., 5 ft. dist. This is undoubtedly the original cor.

At point for cor.

Set an iron post 3 ft. long 2 ins. diam., 26 ins. in the ground, for cor. of secs. 4, 5, 32 and 33, with brass cap mkd.

T31S R64E

S32 | S33

S5 | S4

T32S

1933