

Resurvey of the South Boundary of Fractional Section 36  
of  
T. 27 S., R. 59 E.

chains

The survey was executed with a light-mountain solar transit made by Buff & Buff Manufacturing Company, Serial No. 9984, 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 deflection from the state boundary or from other lines whose bearings 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 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 the transit or a clinometer in good adjustment; the field notes show the horizontal equivalents.

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Beginning at the cor. of Ts. 27 and 28 S., Rs. 59 and 60 E., described in the field notes of the N. bdy. of T. 28 S., R. 60 E., resurveyed under this group.

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

40.59 A point 90 lks. N. of the orig.  $\frac{1}{4}$  sec. cor.; a mesquite stake, 2 ins. sq., 8 ins. above a mound of stone 2 ft. base and  $1\frac{1}{2}$  ft. high and marked  $\frac{1}{4}$  S on N. side.

I obliterate all evidence of this corner.

Thence, from point for cor.

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

22.15 Record dist.; find no trace of clos. cor. secs. 1 and 36.

40.50 A point 61 lks. S. of an unofficial cor. of secs. 1, 2, 35 and 36; a mesquite stake 2 ins. sq., 12 ins. above a mound of stone 3 ft. base and 2 ft. high and marked TXXVIIS RLIKE SXXXVI on NE., SI on SE., TXXVIIIIS SII on SW., and SXXV on NW. sides.

From this cor.

An unofficial clos. cor. of secs. 1 and 2, T. 28 S., R. 59 E., bears S.  $1^{\circ}12'E.$ , 8.73 chs. dist.; a mound of stone 3 ft. base and  $1\frac{1}{2}$  ft. high.

An unofficial clos. cor. of secs. 2 and 35, Ts. 27 and 28 S., R. 59 E., bears west, 8.96 chs. dist.; a mound of stone 3 ft. base and 2 ft. high.

I obliterate all evidence of these three unofficial cors.

Return to the cor. of Ts. 27 and 28 S., Rs. 59 and 60 E.

Thence, west on true line bet. secs. 1 and 36.

Over rolling mountainous land, thru scattering undergrowth.

Descend 85 ft. over a NW. slope.