

Resurvey of a Portion of the 8th Standard Parallel South

Along S. bdy.

Fractional T. 32 S., R. 65 E.

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 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.

Beginning at the standard cor. of secs. 33 and 34 on the S. bdy. of T. 32 S., R. 65 E., hereinafter described.

West on a random line along the S. bdy. of sec. 33.

20.48 A point 7 lks. N. of the original closing cor. of secs. 3 and 4, T. 33 S., R. 65 E.

40.35 A point 13 lks. N. of the original standard $\frac{1}{4}$ sec. cor.

80.70 A point 17 lks. N. of the original standard cor. of secs. 32 and 33, which is the pieces of decayed post, set in a mound of earth, 3 ft. base, 1 ft. high.

At point for cor. in old mound of earth,

Set an iron post, 3 ft. long, 2 ins. diam., 24 ins. in the ground, for standard cor. of secs. 32 and 33, with brass cap mkd.

C C
T 32 S R 65 E
S 32 S 33

S 4

T 33 S R 65 E

1933

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

Thence

N. 89° 57' E., on a true line along S. bdy. of sec. 33.

Over rolling desert land, through scattered undergrowth.

Descend 92 ft. over gradual SE. slope.

8.10 Road, bears NW. and SE.

19.89 A point midway in departure bet. the NE. & NW. cors. of sec. 4, T. 33 S., R. 65 E.,

Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for $\frac{1}{4}$ sec. cor. of sec. 4, with brass cap mkd.

S 4
1933

raise a mound