

Resurvey of a Portion of the 7th Stand. Par. S.
in
Range 61 East.

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 a Portion of the California-Nevada State Boundary, resurveyed under this group.

The directions of the resurveyed lines were determined by solar transit method. The measurements were made with a Dietzgen steel tape 5 chs. in length; the tape is 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 a clinometer in good adjustment; the field notes show the horizontal equivalents.

The orig. stand. cor. of T.28 S., Rs.60 and 61 E., is a mesquite stake, 2 ins. sq., projecting 10 ins. above a mound of stone 4 ft. base and 3 ft. high and marked SC on S., T XXVIII S R LXI E S XXXI on NE. and TXXVIII S RLXE SXXXVI on NW. sides, with 6 notches on N., E. and W. edge.

As this corner no longer serves a useful purpose, I destroy same and scatter the mound of stone.

Thence, from point for cor.

East on a random line along the S. bdy. of sec. 31.

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

79.40 A point 104 lks. N. of the stan. cor. of secs. 31 and 32, which is a granite stone 18x12x10 ins. above ground, in a mound of stone 3 ft. base and 1 ft. high, marked with 5 notches on E. and 1 notch on W. side. In place of stone cor., which is set alongside,

Set an iron post 3 ft. long 2 ins. diam., 27 ins. in the ground, for stan. cor. of secs. 31 and 32, with brass cap marked

S C
T 28 S R 61 E
S 31 | S 32

1932 and rebuild

the mound of stone 3 ft. base and 2 ft. high, N. of cor.

Thence, N.89°15'W.; on true line on S. bdy. sec. 31.

Over mountainous land, thru scattering undergrowth.

Descend 100 ft. over a NW. slope.

5.40 Wash, 1 ch. wide, course SW.; ascend 85 ft.

12.33 A point 13 lks. N. of the old closing cor. of secs. 5 and 6, T.29 S., R.61 E., which is a mound of stone 2½ ft. base and 1 ft. high.

18.50 A spur, slopes SW.; descend 95 ft.

24.00 A wash, 20 lks. wide, course SW.; ascend 60 ft.

35.00 A spur, slopes SW.; descend 100 ft.

39.25 A wash, 10 lks. wide, course SW.; ascend 30 ft.