

TOWNSHIP 17 SOUTH, RANGE 50 EAST

CHAINS	
	The direction of the lines were determined by altitude observations on the sun for azimuth and were carried forward by sustained angulation and further verified throughout the survey by the use of the solar attachment which was maintained in proper adjustment. Lines connecting previously established corners were run by random and true methods, but for simplification of the record, the random lines are omitted from the field note record. Measurements were made with a Lallie steel tape, 5 chains in length, graduated in tenths for the first link, in links for the next 99 links, and thereafter at intervals of 10 links. The tape was tested by comparison with a one-chain standard steel tape and found correct. All measurements were made on the slope and the vertical angle of each interval was ascertained by a clinometer in good adjustment; the horizontal equivalents are entered in the field note record. The geographic position of the SW. cor. of the Tp., identical to U.S.C. and G. station, G.L.O. Station 4 (Nev.) is latitude $36^{\circ} 25' 31.798''$ N. and longitude $116^{\circ} 23' 28.236''$ W. The magnetic declination was read at a number of stations throughout the resurvey and the average of the readings was found to be 16° E. Dependent Resurvey of the Fourth Standard Parallel South, Through Range 50 E. Re-establishment of the survey executed by E. A. Carter, Deputy Surveyor, in 1881. Beginning at the standard cor. of Tps. 16 south, Rs. 49 and 50 east, which is monumented with an iron post, 3 ins. in diameter, firmly set in the ground, marked and witnessed as described in the official record. N. $89^{\circ} 42'$ E., with the dependent resurvey of the Fourth Standard Parallel South along the S. bdy. of sec. 31, T. 16 S., R. 50 E. Over nearly level land, through scattering undergrowth. 18.74 The closing cor. of secs. 1 and 6, T. 17 S., Rs. 49 and 50 E., hereinafter described. 39.76 Point for the standard $\frac{1}{4}$ sec. cor. of sec. 31, at proportionate distance; there is no remaining evidence of the original corner. Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap mkd. S C T16S R50E <u>$\frac{1}{4}$ S 31</u> 1963