

Township 22 South, Range 63 East

Chains

The exterior boundaries and subdivisional lines of T. 22 S., R. 63 E., Mount Diablo Meridian, were independently resurveyed in 1931 by Carl S. Swanholm and R. C. Yundt, as shown on the plat approved March 10, 1933 and accepted April 10, 1933.

The following field notes are those of a dependent resurvey of a portion of the south boundary, a dependent resurvey of a portion of the subdivisional lines, and a survey of the subdivision of certain sections (based on the Swanholm-Yundt resurvey). In the execution of the resurvey of a portion of the subdivisional lines in T. 22 S., R. 63 E., only those portions of the subdivisional lines were resurveyed and are recorded in this field note record where it was required to establish 1/64 and 1/16 sec. cors. and in instances where the subdivisional lines were defective in bearing or distance.

The survey was executed at the request of the State Supervisor for Nevada to facilitate identification of the boundaries of areas classified for small tracts, to accommodate small tract applications and in anticipation of future demands for homesites in this locality. It is anticipated that access roads will be reserved along small tract boundaries and accordingly reference monuments are set at all section, 1/2 section and 1/16 section corners of the sections subdivided.

The survey was made with W. & L. E. Gurley solar transits, serial Nos. 49657 and 46163. The instruments are the property of the Bureau of Land Management and were constructed in accordance with the standard instrumental requirements of the Bureau. The horizontal circles are equipped with two double opposite verniers reading to single minutes of arc and the vertical circle with one double vernier reading to single minutes of arc. Each instrument is in good condition, and having been placed in satisfactory adjustment prior to beginning of the survey is tested and found free from appreciable error.

The directions of the lines of the survey were determined by numerous altitude observations on the sun taken throughout the survey. The directions of all lines recorded herein are referred to the true meridian.

Measurements were made with narrow steel tape, 8 chains in length, graduated every link for the first 100 links and the remainder at intervals of 10 links. The tape was tested by comparison with a 1 chain standard steel tape and found to be correct. All measurements were made on the slope and the vertical angle of each interval ascertained by a clinometer in good adjustment. The horizontal equivalents only are entered in the field note record. All lines of the resurvey and survey were run by the direct method.

The geographic position of the southeast corner of section 34, as scaled from a U. S. Geological Survey topographic map is determined to be latitude $35^{\circ} 59' 01''$ N. and longitude $114^{\circ} 55' 20.4''$ W.

The magnetic declination was read at a number of stations throughout the course of the survey and the average of the several readings was found to be 16° E.

Dependent Resurvey of a Portion of the Subdivision, T. 22 S., R. 63 E.

Resurvey of surveys executed by C. A. Magee in 1883, and independently resurveyed by Swanholm and Yundt in 1931, with the reestablishment of the resurvey made by Swanholm and Yundt in 1931.

Beginning at the cor. of secs. 2, 3, 34 and 35 on the S. bdy. of the township, which is mkd. by an iron post, 2 ins. diam., firmly set in the ground, mkd. and witnessed as defined in the 1931 resurvey record.