

INDEPENDENT RESURVEY OF SUBDIVISION OF T.22 S., R.64 E.

Chains

This survey was executed with W. & L. E. Gurley transit No. 262669 and Buff and Buff transit No. 9222, property of the General Land Office. For description and approval of instruments see Book "B", this group.

The measurements were made with a Lallie steel ribbon tape, eight chains in length; this tape is graduated every link for the first 100 lks. and thereafter at intervals of 10 lks. The tape was tested by comparison with a Lufkin standard steel tape and found correct. All measurements were made on the slope, the vertical angle determined with improved type K. & E. clinometers in good adjustment, and the slope distances properly reduced to true horizontal equivalents. Some of the distances were determined by triangulation as shown in the record.

In this survey the solar apparatus was not used; all controlling meridians were determined by observations upon Polaris or observations on the sun during the resurvey of the township boundaries; the true bearing of the subdivisional lines were deflected from these meridians by repetition of angles and carried forward by transit lines, taking the mean of direct and reversed sights at each transit point. The bearing of the subdivisional lines were also checked during the progress of the survey by numerous observations upon Polaris and the sun, the record of which does not appear in these notes.

No trace of any of the corners of the original survey in this township could be found. The east boundary as resurveyed under Group 161, Nevada, in 1930, is defective in alignment; corners on the north boundary, however, are not defective in position with reference to the south boundary; therefore, the first meridional section line is projected N.0°03'W. as a true line, and the last mile is run random and true. The remaining portion of the Tp. is subdivided in regular manner from south to north and from east to west; fractional measurements being placed against the east, north, and west boundaries.

INDEPENDENT RESURVEY OF SUBDIVISION OF T.22 S., R.64 E., SUPERSEDING SURVEY EXECUTED BY T.A. MAGEE, U.S. DEPUTY SURVEYOR IN 1883.

From the cor. of secs. 1, 2, 35, and 36 on the S. bdy. of the Tp., which is an iron post, 2 ins. in dia., firmly set, and marked and witnessed as described in the official record, Book "B", this group.

N.0°03'W., bet. secs. 35 and 36.

Ascend S. slope over rolling mountainous land through creosote and chaparral undergrowth.

11.20 Ridge, 100 ft. above sec. cor., bears E. and N.20°W.; ascend 105 ft. over SE. slope.

17.30 Ridge spur, projects NE.; descend 145 ft. over rocky NW. slope.