

TOWNSHIP 12 NORTH, RANGE 64 EAST

CHAINS

The following field notes are those of the dependent resurvey of the south, west and east boundaries, and the subdivisional lines of T. 12 N., R. 64 E., Mount Diablo Meridian, Nevada. The dependent resurvey of the north boundary, T. 12 N., R. 64 E., is recorded in the final returns of the Dependent Resurvey of the South Boundary, T. 13 N., R. 64 E.

The west and north boundaries were surveyed by E. B. Monroe and A. G. Bateman, Deputy Surveyors, under Contract No. 48, in 1872. The south and east boundaries and subdivisional lines were surveyed by E. B. Monroe and A. G. Bateman, Deputy Surveyors, under Contract No. 63, in 1874.

Before restoring the corners, the lines of the original survey were retraced and diligent search made for any evidence of the original corners and other calls of the original field note record.

The rules of proportionate measurement were applied in order to ascertain the position of lost corners, after completing the necessary retracements to connect with the identified corner locations. In order to simplify the record, the true line notes only are supplied herewith, which refer to the completed resurvey.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947 and the Special Instructions dated February 11, 1964 and approved February 13, 1964.

The direction of the lines of this survey were determined by altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other altitude observations on the sun taken throughout the progress of the survey. The vertical angles of measurements made on the slope were ascertained by a clinometer in good adjustment; the horizontal equivalents only are entered in the field notes.

The geographic position for the southeast corner of the township is at latitude $38^{\circ} 51' 04''$ N., and longitude $114^{\circ} 43' 31''$ W., as adjusted along section lines from station WPA 081 of the Nevada Planning Department of the Nevada Highway Department, located in sec. 1 of T. 13 N., R. 64 E. and the standard corner of secs. 35 and 36, T. 11 N., R. 64 E., which was located and used as a triangulation station for the protraction surveys under Grp. No. 389, Nevada.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be $17\frac{1}{2}^{\circ}$ E.

DEPENDENT RESURVEY OF THE SOUTH BOUNDARY, T.
12 N., R. 64 E., MOUNT DIABLO MERIDIAN, NEVADA