

TOWNSHIP 12 NORTH, RANGE 21 EAST, MDM, NEVADA

CHAINS

The following field notes are those of the dependent resurvey of the south, west and east boundaries and a portion of the subdivisional lines of Township 12 North, Range 21 East, Mount Diablo Meridian, Nevada.

The west boundary (Carson River Guide Meridian) was surveyed in 1861 by U. S. Deputy Surveyor Butler Ives. The north, south and east boundaries and the subdivisional lines were surveyed in 1881 by U. S. Deputy Surveyors T. K. Stewart and G. W. Conkling.

The cor. of Tps. 11 and 12 N., Rs. 20 and 21 E., was remonumented by Carl Swanholm, Cadastral Engineer and Wilson McConkie, Public Land Surveyor in 1939, under Group No. 245. The north boundary was resurveyed by G. W. Hochstrasser, Cadastral Surveyor, concurrently under Group No. 495.

Before restoring the corners, the lines of the original surveys 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 measurements 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 specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions dated April 9, 1973.

The direction of the lines of this survey were determined by azimuth taken from U.S.C. & G.S. triangulation station "ANDERSON," located in sec. 19, T. 13 N., R. 21 E., and supplemented with altitude observations of the sun. The lines were carried forward by sustained angulation. 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 $38^{\circ} 51' 10''$ N. and longitude $119^{\circ} 34' 01''$ W., as adjusted along section lines from U.S.C. & G.S. triangulation station "ANDERSON," located in sec. 19, T. 13 N., R. 21 E.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 17° east.

DEPENDENT RESURVEY OF THE SOUTH BOUNDARY,
T. 12 N., R. 21 E., MOUNT DIABLO MERIDIAN, NEVADA

Reestablishment of the Survey Executed by
T. K. Stewart and G. W. Conkling, U. S. Deputy Surveyors,
in 1881.