

TOWNSHIP 19 NORTH, RANGE 37 EAST

CHAINS

The following field notes are those of the dependent resurvey of a portion of the south boundary, the east and north boundaries, and the subdivisional lines of Township 19 North, Range 37 East, Mount Diablo Meridian, Nevada.

The exterior and subdivisional lines were surveyed by U. S. Deputy Surveyors D. H. Barker and E. L. McClellan in 1879. The west 3 miles of the south boundary and the east boundary of sec. 36 were retraced and the east 3 miles of the south boundary were resurveyed by U. S. Transitman H. W. Reppert in 1913. The west boundary and the west 3 miles of the north boundary were resurveyed by U. S. Surveyor W. A. Pray and U. S. Transitman Andrew Nelson in 1915-16.

Before restoring the corners, the lines of the previous surveys were retraced and a diligent search was 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, only the true line notes that refer to the completed survey are supplied herewith.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions dated October 26, 1970.

The directions of the lines were ascertained by sustained angulation carried forward throughout the survey from U.S.C. & G.S. triangulation station "COLD," located in sec. 32, T. 19 N., R. 37 E.

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 $39^{\circ} 27' 41''$ N. and longitude $117^{\circ} 45' 22''$ W., as determined from section lines ties to U.S.C. & G.S. triangulation station "COLD," located in sec. 32, T. 19 N., R. 37 E.

The magnetic declination was found to be $17\frac{1}{2}^{\circ}$ E.

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY,
T. 19 N., R. 37 E., MOUNT DIABLO MERIDIAN, NEVADA.

Reestablishment of the Survey Executed by
U. S. Deputy Surveyors Barker and McClellan
in 1879,
and the Retracement and Resurvey Executed by
U. S. Transitman H. W. Reppert in 1913.