

TOWNSHIP 5 NORTH, RANGE 61 EAST.

CHAINS

The following field notes are those of the dependent resurvey of a portion of the south boundary and a portion of the subdivisional lines of Township 5 North, Range 61 East, Mount Diablo Meridian, Nevada.

The north boundary was surveyed by U.S. Deputy Surveyor E. B. Monroe in 1871. The south, east, and west boundaries and the subdivisional lines were surveyed by U.S. Deputy Surveyors Monroe and Bateman in 1871. The north and west boundaries were resurveyed concurrently under this same group and the field notes thereof are included in the field notes of T. 6 N., R. 61 E. and T. 5 N., R. 60 E., respectively.

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 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 13, 1970.

The direction of the lines of this survey were determined by altitude observations of the sun. The lines were carried forward by sustained angulation being supplemented by other altitude observations of 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 sec. 34, is at latitude $38^{\circ} 14' 23.8''$ N. and longitude $115^{\circ} 06' 04.6''$ W., as adjusted along section lines from the standard $\frac{1}{4}$ sec. cor. of sec. 36, T. 6 N., R. 61 E., which is a Tellurometer Control Point, the position of which was determined under Group No. 389.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be $16\frac{1}{2}^{\circ}$ east.

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY,
T. 5 N., R. 61 E., MOUNT DIABLO MERIDIAN, NEVADA.

Reestablishment of the Survey Executed by E. B. Monroe
and A. G. Bateman, U. S. Deputy Surveyors, in 1871.
