

TOWNSHIP 43 NORTH, RANGE 21 EAST

CHAINS

The following field notes are those of the dependent resurvey of the East, West and North boundaries and a portion of the subdivisional lines of Township 43 North, Range 21 East, Mount Diablo Meridian, Nevada.

The east three miles of the south boundary were surveyed by U. S. Deputy Surveyors G. W. Garside and C. S. Preble, in 1874. The remainder of the township boundaries and the subdivisional lines were surveyed by U. S. Deputy Surveyor G. W. Garside in 1877. The south boundary was dependently resurveyed concurrently under Group 459, as the north boundary of T. 42 N., R. 21 E.

Before restoring the corners, the lines of the original surveys were retraced and a 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 directions of the lines of this survey were determined from occupation of USGS triangulation stations LAKE 1966, MASSACRE 1966, and VALLEY 1966, each situated near the township. These directions were carried throughout the resurvey by sustained transit angulation.

The vertical angles of measurements made on the slope were determined with a clinometer and reduced the distances to horizontal components which are entered in the field notes.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions dated April 29, 1968.

The geographic position of the southeast corner of the township is latitude $41^{\circ} 35' 43.5''$ N., and longitude $119^{\circ} 33' 26.6''$ W., as adjusted through ties and section lines from USGS triangulation station MASSACRE, located in sec. 33, T. 42 N., R. 21 E.

The magnetic declination was read at a number of stations throughout the township and the mean of these readings was found to be $18\frac{1}{2}^{\circ}$ east.

DEPENDENT RESURVEY OF THE EAST BOUNDARY OF
T. 43 N., R. 21 E., MOUNT DIABLO MERIDIAN, NEVADA

Reestablishment of the Survey Executed by
G. W. Garside, U. S. Deputy Surveyor, in 1877.