

TOWNSHIP 42 NORTH, RANGE 20 EAST

CHAINS

The following field notes are those of the dependent resurvey of the north boundary of Township 42 North, Range 20 East, Mount Diablo Meridian, Nevada.

This boundary was surveyed by U. S. Deputy Surveyor G. W. Garside, in 1878 under Contract No. 85.

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 MASSACRE 1966, and VALLEY 1966, situated in or 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 the distances reduced 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 northeast corner of the township is latitude $41^{\circ} 35' 45.0''$ N., and longitude $119^{\circ} 40' 30.4''$ 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 along the boundary and the mean of these readings was found to be $18\frac{1}{2}^{\circ}$ east.

DEPENDENT RESURVEY OF THE NORTH BOUNDARY OF
T. 42 N., R. 20 E., MOUNT DIABLO MERIDIAN, NEVADA.

Reestablishment of the Survey Executed by
G. W. Garside, U. S. Deputy Surveyor,
in 1878.
