

TOWNSHIP 45 NORTH, RANGE 61 EAST, MDM, NEVADA

CHAINS

The following field notes are those of the dependent re-survey of a portion of the east boundary and of a portion of the subdivisional lines of Township 45 North, Range 61 East, Mount Diablo Meridian, Nevada.

The history of previous surveys pertaining to this re-survey is as follows:

The north boundary (Ninth Standard Parallel North) was surveyed by U. S. Deputy Surveyor Dennis Scully, in 1896. The east boundary and the subdivisional lines were surveyed by U. S. Deputy Surveyor H. B. Maxson, in 1899.

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 measurement were applied in order to ascertain the position of the lost corners, after completing the necessary retracements to connect the identified corner locations. In order to simplify the record, the true line notes only, are supplied herewith which refer to the completed survey.

The direction of the lines of this survey were determined by altitude observations of the sun and 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 survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, the Special Instructions dated August 7, 1972, and the Supplemental Instructions dated August 29, 1972.

The geographic position for the $\frac{1}{4}$ sec. cor. of secs. 31 and 36, on the east boundary of the township is at latitude $41^{\circ} 44' 58''$ N. and longitude $115^{\circ} 00' 37''$ W., as scaled from USGS $7\frac{1}{2}$ Minute Series Quadrangle Map, GILMER RANCH, 1968.

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

DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY,
T. 45 N., R. 61 E., MOUNT DIABLO MERIDIAN, NEVADA

Reestablishment of the Survey Executed by
U. S. Deputy Surveyor H. B. Maxson,
in 1899