

TOWNSHIP 37 NORTH, RANGE 51 EAST, MDM, NEVADA

CHAINS

The following field notes are those of the dependent resurvey of a portion of the south boundary and the west boundary of T. 37 N., R. 51 E., Mount Diablo Meridian, Nevada.

The east boundary and the east 2 miles of the south boundary were surveyed by U.S. Deputy Surveyors A. J. Hatch and J. H. Eaton, in 1871, under Contract No. 43. The north and west boundaries and the west 4 miles of the south boundary were surveyed by U.S. Deputy Surveyor T. K. Stewart, in 1884, under Contract No. 170. The subdivisional lines were surveyed by U.S. Deputy Surveyors E. C. McClellan and E. L. Bridges, in 1884, under Contract No. 171. The north boundary was dependently resurveyed, concurrently under this same Group.

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

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated August 20, 1985 and Supplemental Special Instructions dated June 26, 1986.

The directions of the lines of this survey were determined by azimuth taken from U.S.C. & G.S. triangulation station "BEAVER," located in sec. 17, and supplemented with altitude observations of the sun. The directions of the lines were carried forward by sustained angulation throughout the progress of the survey.

The vertical angles of measurements made on the slope were ascertained with a theodolite in good adjustment; the horizontal equivalents only are entered in the field notes.

The geographic position of the $\frac{1}{4}$ sec. cor. of secs. 2 and 35, on the S. bdy. of the Tp., is at latitude $41^{\circ} 02' 49.9''$ N., and longitude $116^{\circ} 12' 47.5''$ W., as calculated from a direct tie to U.S.C. & G.S. triangulation station "BEAVER."

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

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY
T. 37 N., R. 51 E., MOUNT DIABLO MERIDIAN, NEVADA.
