

TOWNSHIP 22 NORTH, RANGE 51 EAST, MDM, NEVADA

CHAINS

The following field notes are those of the independent resurvey of the east bdy., survey of a portion of the subdivisional lines and the retracement and remonumentation of certain corners of Mineral Survey No. 4704, of T. 22 N., R. 51 E., Mount Diablo Meridian, Nevada.

The south bdy., the south 3 miles of the west bdy. and a portion of the subdivisional lines were surveyed by U.S. Deputy Surveyor W. T. Moran in 1893, under Contract No. 200. The north and east bdrs. and the north 3 miles of the west bdy. were surveyed by U.S. Deputy Surveyor W. T. Moran in 1893, under Contract No. 202. The east bdy. was suspended on January 17, 1961. The east $2\frac{1}{2}$ miles of the north bdy. were dependently resurveyed by Cadastral Surveyors G. W. Hochstrasser and J. R. Munson, under Group No. 493, in 1972 and 1973. A portion of the south bdy. was resurveyed concurrently under this same Group. Mineral Survey No. 4704, was surveyed by U.S. Mineral Surveyor C. F. DeArmond, in 1930.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions 1973, and the Special Instructions dated June 6, 1983.

The directions of the lines of this survey were determined by azimuth taken from the SE. cor. of T. 23 N., R. 51 E., and Tellurometer Traverse Station U-40-3, located in sec. 19, T. 23 N., R. 52 E., established in connection with the field work for Protraction Diagram No. 166, Unit No. 40, under Group No. 389. The direction of the lines were carried forward throughout the township by sustained angulation.

The vertical angles of measurement 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 for the northeast cor. of T. 22 N., R. 51 E., is at latitude $39^{\circ} 48' 29.449''$ N. and longitude $116^{\circ} 10' 34.314''$ W. The geographic position for the northeast cor. of T. 21 N., R. 51 E., is at latitude $39^{\circ} 43' 17.745''$ N. and longitude $116^{\circ} 10' 31.804''$ W., established in connection with the field work for Protraction Diagram No. 166, Unit No. 40, under Group No. 389.

The mean magnetic declination was found to be 17° E.

INDEPENDENT RESURVEY OF THE EAST BOUNDARY,
T. 22 N., R. 51 E., MOUNT DIABLO MERIDIAN, NEVADA

This independent resurvey supersedes the survey executed by U.S. Deputy Surveyor W. T. Moran, in 1893. A diligent search was made for the original corners, and those found are hereinafter described.
