

## TOWNSHIP 23 NORTH, RANGE 20 EAST, MDM, NEVADA

## CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines and the completion survey of sections 22 and 27, T. 23 N., R. 20 E., Mount Diablo Meridian, Nevada.

The exterior boundaries and a portion of the subdivisional lines were surveyed by U.S. Deputy Surveyor A.J. Hatch in 1867 under Contract No. 7. In 1906, U.S. Deputy Surveyor J.B. Menardi resurveyed the south boundary, portions of the east and west boundaries, and a portion of the subdivisional lines and surveyed a portion of the subdivisional lines under Contract No. 244. U.S. Transitman A.T. Harris resurveyed the west boundary of section 31 under Group No. 13 in 1914. In 1916, U.S. Surveyor W.A. Pray resurveyed the N. 5 miles of the west boundary under Group No. 44.

Before restoring the corners, the lines of the original surveys were retraced and diligent search made for any evidence 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 survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated December 5, 1979.

The directions of the lines of this survey were determined by azimuth taken from U.S.G.S. station "3-52A" located in unsurveyed section 28 of this township, and sustained by solar observations of the sun.

The vertical angles of measurement made on the slope were ascertained by a transit in good adjustment; the horizontal equivalents only are entered in the field notes.

The geographic position for the southeast corner of section 27 is at latitude 39° 49' 31.0" N. and longitude 119° 42' 52.0" W., as calculated from U.S.G.S. station "3-52A."

The magnetic declination was found to be 17½° east.

DEPENDENT RESURVEY OF A  
PORTION OF THE SUBDIVISIONAL LINES,  
T. 23 N., R. 20 E., MOUNT DIABLO MERIDIAN, NEVADA

Reestablishment of the Survey Executed by  
A.J. Hatch, U.S. Deputy Surveyor,  
in 1867,  
and the Resurvey and Survey Executed by  
J.B. Menardi, U.S. Deputy Surveyor,  
in 1906.