

## TOWNSHIP 28 NORTH, RANGE 48 EAST, MDM, NEVADA

## CHAINS

The following field notes are those of the dependent resurvey of a portion of the east and south boundaries, the west boundary and a portion of the subdivisional lines of Township 28 North, Range 48 East, Mount Diablo Meridian, Nevada.

The west and north boundaries, west 3 miles of the south boundary, north  $3\frac{1}{2}$  miles of the east boundary and a portion of the subdivisional lines were surveyed by U.S. Deputy Surveyors, A.J. Hatch and J.H. Eaton, in 1869, under Contract No. 30. The north  $3\frac{1}{2}$  miles of the east boundary was resurveyed and the south  $2\frac{1}{2}$  miles of the east boundary was surveyed by U.S. Deputy Surveyor S.T. Morse in 1901, under Contract No. 222. The north boundary was resurveyed concurrently under this same group by Cadastral Surveyors Ronald K. Baugh and Joseph A. Bastian in 1978.

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 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 survey.

The directions of lines of this survey were determined by azimuth taken from U.S.G.S. triangulation station "SPOT" and supplemented with altitude 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 note record.

The geographic position for the southeast corner of sec. 33, T. 28 N., R. 48 E., is at latitude  $40^{\circ} 14' 43.8''$  N. and longitude  $116^{\circ} 33' 23.0''$  W., as calculated from U.S.G.S. triangulation station "SPOT" located in sec. 30, T. 28 N., R. 48 E.

The mean magnetic declination was found to be  $18^{\circ}$  east.

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DEPENDENT RESURVEY OF A PORTION OF THE EAST BOUNDARY,  
T. 28 N., R. 48 E., MOUNT DIABLO MERIDIAN, NEVADA

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Reestablishment of a Portion of the Survey Executed by  
A.J. Hatch and J.H. Eaton, U.S. Deputy Surveyors,  
in 1869,  
and Resurveyed by S.T. Morse, U.S. Deputy Surveyor,  
in 1901.

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The cor. of secs. 13, 18, 19 and 24, on the east boundary of the Tp., monumented with a granite stone, 15x10x10 ins., firmly set and exposed 7 ins. above ground, plainly mkd. with 3 grooves on the S. and N. faces, with a steel fence post alongside.