

## TOWNSHIP 42 NORTH, RANGE 19 EAST, MDM, NEVADA

## CHAINS

The following field notes are those of the dependent resurvey of the east, south and north boundaries, a portion of the west boundary and a portion of the subdivisional lines of Township 42 North, Range 19 East, Mount Diablo Meridian, Nevada.

The south and east boundaries were surveyed by U. S. Deputy Surveyor G. W. Garside, in 1878, under Contract No. 85. The west and north boundaries and subdivisional lines were surveyed by U. S. Deputy Surveyor G. W. Garside, in 1879, under Contract No. 87. The south 4 miles of the west boundary were resurveyed by U. S. Transitman James D. Archer and U. S. Surveyor Walter E. Hoffman, in 1911 and 1914, under Group No. 5. The northeast corner of the township was reestablished by Cadstral Surveyor J. D. Sorensen, in 1968 and 1969, under Group No. 459.

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 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 survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated July 10, 1980.

The directions of the lines of this survey were determined by azimuth taken from U.S.G.S. triangulation station "VALLEY," located in section 22, T. 42 N., R. 20 E., and U.S.G.S. triangulation station "SECRET," located in section 18 of this township. The directions of the lines were carried forward throughout the township by sustained angulation.

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

The geographic position of the southeast corner of the township is at latitude  $41^{\circ} 30' 39.8''$  N., and longitude  $119^{\circ} 47' 31.5''$  W., as calculated from U.S.G.S. triangulation station "BOULDER," located in section 1, T. 40 N., R. 19 E.

The mean magnetic declination was found to be  $18\frac{1}{2}^{\circ}$  east.

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DEPENDENT RESURVEY OF THE SOUTH BOUNDARY,  
T. 42 N., R. 19 E., MOUNT DIABLO MERIDIAN, NEVADA

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Reestablishment of the Survey Executed by  
G. W. Garside, U. S. Deputy Surveyor,  
in 1878.

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