

TOWNSHIP 46 NORTH, RANGE 69 EAST, MDM, NEVADA

CHAINS

The following field notes are those of the dependent resurvey of the Ninth Standard Parallel North, through Range 69 East, the north, east and west boundaries and the subdivisional lines of Township 46 North, Range 69 East, Mount Diablo Meridian, Nevada.

The Ninth Standard Parallel North, the north, east and west boundaries and the subdivisional lines were surveyed by U.S. Deputy Surveyors C.S. Preble and J. Thorburn in 1882. The northwest township corner was recovered and remonumented by Assistant Cadastral Engineer, J.W. Hardison in 1941. The Utah Construction Co. surveyed and remonumented various corners in this township in 1910.

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 the lines of this survey were determined by azimuth taken from U.S.C. & G.S. triangulation station "HARDISTER," located in sec. 21, T. 14 N., R. 19 W., Utah, and U.S.G.S. triangulation station "GOOSE," located in sec. 1, T. 46 N., R. 68 E., Nevada. 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 by a gurlley transit in good adjustment; the horizontal equivalents only are entered in the field notes.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated May 16, 1975.

The geographic position for the southeast corner of the township is at latitude $41^{\circ} 49' 35''$ N. and longitude $114^{\circ} 04' 28''$ W., as calculated from U.S.G.S. triangulation station "GOOSE," located in section 1, T. 46 N., R. 68 E.

The magnetic declination was read at a number of stations throughout the township and the mean of these readings was found to be $17\frac{1}{2}^{\circ}$ east.

DEPENDENT RESURVEY OF THE NINTH STANDARD PARALLEL NORTH,
THROUGH RANGE 69 EAST, MDM, NEVADA

Reestablishment of the Survey Executed by
U.S. Deputy Surveyors C. S. Preble and J. Thorburn,
in 1882.