

TOWNSHIP 18 SOUTH, RANGE 59 EAST, MDM, NEVADA

CHAINS

The following field notes are those of the dependent resurvey of a portion of the south and east boundaries and a portion of the subdivisional lines of T. 18 S., R. 59 E., Mount Diablo Meridian, Nevada.

The south boundary was surveyed by U.S. Deputy Surveyors J. M. Brunt and W. H. Proctor, in 1881, under Contract No. 127. The north, east and west boundaries and subdivisional lines were surveyed by U.S. Deputy Surveyor E. A. Carter, in 1881, under Contract No. 128. The SE. Tp. cor. was reestablished by Cartographic Survey Aid P. K. Russell, in 1956, under Group No. 357. The east three miles of the south boundary were dependently resurveyed by Cartographic Survey Aid P. K. Russell, in 1956, under Group No. 362.

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 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 Special Instructions dated March 30, 1984.

The directions of the lines of this survey were determined by azimuth taken from U.S.G.S. triangulation station "KYLE," located in T. 18 S., R. 58 E. and U.S.G.S. triangulation station BM "B 113 1907," and verified by altitude observations of the sun.

The zenith angles of measurements 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 southeast corner of the township is at latitude $36^{\circ} 20' 10.6''$ N. and longitude $115^{\circ} 18' 50.5''$ W., as calculated from U.S.G.S. triangulation station BM "B 113 1907."

The mean magnetic declination was found to be 15° E.

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY,
T. 18 S., R. 59 E., MOUNT DIABLO MERIDIAN, NEVADA

Reestablishment of a Portion of the Survey Executed by
J. M. Brunt and W. H. Proctor,
U.S. Deputy Surveyors, in 1881,
and a Portion of the Resurvey Executed by
P. K. Russell, Cartographic Survey Aid,
in 1956.
