

DEPENDENT RESURVEY OF TOWNSHIP 32 NORTH, RANGE 45 EAST

CHAINS

The following field notes are those of the dependent resurvey of portions of the south and west boundaries and a portion of the subdivisional lines of T. 32 N., R. 45 E.

The boundaries and most of the subdivisional lines were surveyed by U. S. Deputy Surveyors, Hatch and Eaton in 1869 under Contract No. 23. The section lines completing the subdivision of the township (secs. 19, 20, 28 to 33) were surveyed by U. S. Deputy Surveyors Hatch, Eaton and Smyles in 1872 under Contract No. 51. The west boundaries of secs. 19, 30, and 31, were resurveyed by A. T. Harris, U. S. Transitman, in 1914 under Group No. 25.

The west boundary of sec. 31 was resurveyed in 1966 in conformity with Special Instructions dated June 30, 1966. This resurvey was made to identify the "SE $\frac{1}{4}$ of sec. 36" as that land would have been identified if the plat of the 1869 survey had shown this quarter section protracted as surveyed and the 1914 survey had been executed so as to protect this protracted quarter section. The corners on this boundary were remarked in conformity with the Supplemental Special Instructions dated April 7, 1971. These modifications were made to restore the survey of sec. 36 as it existed prior to July 1966.

Before restoring the corners, the lines of the original survey 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 resurvey.

The direction of the lines of this survey was determined by sustained angulation carried forward from U.S.C.&G.S. triangulation station BAM, located in sec. 36, T. 32 N., R. 44 E. and supplemented by altitude observations of the sun taken throughout the progress of the survey.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions 1947 and the Special Instructions dated June 30, 1966 and Supplemental Special Instructions dated April 7, 1971.

The geographic position of the southwest corner of the township is latitude $40^{\circ} 35' 48.2''$ N. and longitude $116^{\circ} 57' 23.7''$ W., as adjusted along section lines from U.S.C.&G.S. triangulation station BAM, located in sec. 36, T. 32 N., R. 44 E.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 18° east.

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY OF
T. 32 N., R. 45 E., MOUNT DIABLO MERIDIAN, NEVADA

Reestablishment of the Survey Executed by
Hatch and Eaton, U. S. Deputy Surveyors,
in 1869.