

TOWNSHIP 30 NORTH, RANGE 44½ EAST

CHAINS

The following field notes are those of the dependent resurvey of the south two miles of the east boundary of T. 30 N., R. 44 E. and the survey of the south boundary and the subdivision line between secs. 25 and 36, T. 30 N., R. 44½ E.

The history of the previous surveys is as follows:

The east boundary of T. 30 N., R. 44 E., was surveyed by A. J. Hatch and J. H. Eaton, U. S. Deputy Surveyors, in 1869. The south two miles of the east boundary of T. 30 N., R. 44 E., was purportedly resurveyed by S. T. Morse, U. S. Deputy Surveyor, in 1901. The west boundary of T. 30 N., R. 45 E., was dependently resurveyed by Dennis Bland, in 1967, under this same Group. When the resurvey of T. 29 N., R. 44 E., was undertaken, the original corner of Tps. 29 and 30 N., Rs. 44 and 45 E., was recovered 4.24 chains North and 2.03 chains West of the 1901 resurvey corner which had been recovered during the dependent resurvey of T. 30 N., R. 45 E.

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 survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, the Special Instructions dated June 30, 1966 and Supplemental Special Instructions dated September 6, 1968.

The directions of the lines of this survey were determined by altitude observations of the sun. The lines were carried forward by sustained angulation being supplemented by other altitude observations of the sun taken throughout the progress of the survey. The vertical angles of measurements made on the slope were ascertained by a clinometer in good adjustment; the horizontal equivalents only are entered in the field notes.

The geographic position for the southwest corner of the township is latitude 40° 25' 14.6" N. and longitude 116° 57' 52.6" W., as calculated from U.S.C. & G.S. triangulation station BAIL, located in sec. 5, T. 29 N., R. 44 E.

The mean magnetic declination was found to be 18° east.

DEPENDENT RESURVEY OF THE SOUTH TWO MILES OF THE
EAST BOUNDARY OF T. 30 N., R. 44 E.,
MOUNT DIABLO MERIDIAN, NEVADA

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