

## TOWNSHIP 32 NORTH, RANGE 38 EAST

CHAINS

The following field notes are those of the dependent resurvey of the south, east and north boundaries and the subdivision of Township 32 North, Range 38 East, Mount Diablo Meridian, Nevada.

The boundaries and subdivisions of T. 32 N., R. 38 E. were surveyed by Deputy Surveyors A. J. Hatch and J. H. Eaton in 1869 under Contract No. 27. The east boundary and the east two miles of the north boundary were resurveyed by Deputy Surveyor R. H. Cook in 1904 under Contract No. 221. The west boundary was resurveyed concurrently under this same group.

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 retracement 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, 1947, and the Special Instructions dated May 31, 1967.

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 measurement 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 SE. corner of the township is at latitude  $40^{\circ} 35' 49''$  N. and longitude  $117^{\circ} 38' 35''$  W. as scaled from U. S. Geological Survey Map, "Leach Hot Springs, Nevada".

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

DEPENDENT RESURVEY OF THE SOUTH BOUNDARY OF  
T. 32 N., R. 38 E., MOUNT DIABLO MERIDIAN, NEVADA.

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