

TOWNSHIP 17 NORTH, RANGE 47 EAST

CHAINS

The following field notes are those of a dependent resurvey of the north bdy. of T. 16 N., R. 47 E.; the survey of the east bdy. of T. 17 N., R. 46 E.; the north and east boundaries and subdivisional lines of Township 17 North, Range 47 East, Mount Diablo Meridian, Nevada.

The north bdy. of T. 16 N., R. 47 E., was surveyed by Don H. Barker, Deputy Surveyor, under Contract 66, in 1874.

The surveys were requested by the District Manager through the State Director to provide identification of the boundaries of public land to facilitate administration under the appropriate land laws.

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 measurements were applied in order to ascertain the positions 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 February 3, 1964, and Supplemental Instructions dated September 1, 1964.

The direction of the lines of this survey were determined by altitude observations on the sun. The lines were carried forward by sustained angulation being supplemented by other altitude observations on 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 southeast corner of the township is at latitude $39^{\circ} 15' 46''$ N., and longitude $116^{\circ} 36' 45''$ W. as adjusted along section lines from U.S.G.S. station, HICKISON, located in section 1, T. 18 N., R. 46 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 the N. Bdy., T. 16 N., R. 47 E.,
Mount Diablo Meridian, Nevada

Re-establishment of the survey executed by
Don H. Barker, Deputy Surveyor,
in 1874.