

TOWNSHIP 30 NORTH, RANGE 45 EAST

CHAINS

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 cor. of secs. 2, 3, 34 and 35, Tps. 29 and 30 N., R. 45 E. is at latitude $40^{\circ} 25' 11''$ N. and longitude $116^{\circ} 53' 15''$ W., as scaled from U.S.G.S. Mt. Lewis Quadrangle, 15 minute series map, dated 1949.

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

DEPENDENT RESURVEY OF A PORTION OF THE
SIXTH STANDARD PARALLEL NORTH, THROUGH RANGE 45 EAST,
MOUNT DIABLO MERIDIAN, NEVADA

Reestablishment of a Portion of the Survey Executed by Hatch and Eaton, U. S. Deputy Surveyors, in 1869, and the Retracement and Partial Resurvey Executed by S. T. Morse, U. S. Deputy Surveyor, in 1901.

Beginning the resurvey at the standard cor. of T. 31 N., Rs. 45 and 46 E., monumented with a granite stone, 16x8x8 ins., plainly mkd. with 6 grooves on the E., W. and N. faces, SC on the N. face and firmly set with a mound of earth, N. of cor.

At the corner point

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd.

SC
T31N
R45E R46E
S 36 | S 31

1967

bury the original corner stone and set a steel fence post, 6 ft. long, 2 ft. in the ground, alongside the iron post.

S. $89^{\circ} 44'$ W., along the S. bdy. of sec. 36.