

## DEPENDENT RESURVEY OF FOURTH STANDARD PARALLEL NORTH R. 35 E.

## CHAINS

The following field notes are those of the Dependent Resurvey of the Fourth Standard Parallel North, through portions of Ranges 34 and 35 East, and the survey of the East boundary and a portion of the South boundary, and a portion of the Subdivisional lines of T. 20 N., R. 34 E.

Fourth Standard Parallel North, through Ranges 34 and 35 East, was surveyed by W. Epler, in 1865 and independently resurveyed through R. 34 E. by Walter H. Good, in 1928.

The survey was requested by the District Manager and 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 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, and the Special Instructions dated October 27, 1964.

The direction of the lines on 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  $39^{\circ} 32' 54.91''$  N. and longitude  $118^{\circ} 05' 37.19''$  W. as computed from the C.&G.S. triangulation station "HORSE", via a direct tie.

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

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DEPENDENT RESURVEY OF THE FOURTH STANDARD PARALLEL NORTH, THROUGH A PORTION OF R. 35 E., MOUNT DIABLO MERIDIAN, NEV.

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Re-establishment of a Portion of the Survey Executed  
by W. Epler, Deputy Surveyor,  
in 1865

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Beginning at the standard cor. of secs. 31 and 32, T. 21 N., R. 35 E., monumented with a decayed pine post, 18 x 2 x 1 ins., loosely set in a mound of earth, no marks visible.