

TOWNSHIP 17 SOUTH, RANGE 52 EAST

CHAINS

The following field notes are those of the dependent resurvey of the Fourth Standard Parallel South, through Range 52 East, the South and East boundaries and the subdivisional lines of Township 17 South, Range 52 East.

The Fourth Standard Parallel South, the boundaries and subdivisional lines were surveyed by E. A. Carter, U.S. Deputy Surveyor in 1881 under contract 128. The West boundary was resurveyed by Eldon W. Sibley, Cadastral Surveyor, concurrently under the same group.

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 field note record.

The rules of proportionate measurement were applied in order to ascertain the positions of lost corners, after completing the necessary retracements to connect with the identified corner positions. 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 February 15, 1966.

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 $36^{\circ} 25' 30.0''$ N., and longitude $116^{\circ} 04' 04.2''$ W., as adjusted along section lines from U.S.C.&G.S. station JOHNNIE located in sec. 2, T. 18 S., R. 52 E.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be 16° East.

DEPENDENT RESURVEY OF THE FOURTH STANDARD PARALLEL SOUTH,
THROUGH RANGE 52 EAST., MDM, NEVADA

Reestablishment of the Survey executed by
E. A. Carter, U.S. Deputy Surveyor in 1881.

From the standard corner of T. 16 S., Rs. 52 and 53 E. monumented with a stone, 24x18x10 ins., mkd. SC on the S. face, 6 notches on the N., E. and W. faces and firmly set in a mound of stone.