

Township 24 North, Range 41 East

Chains

The north and west boundaries, the west five miles of the south boundary, sections 2 to 10, 15 to 22, 27 to 34 and the $W\frac{1}{2}$ of sections 11, 14, 26 and 35, were surveyed by Deputy Surveyors D. H. Barker and J. H. Eaton in 1876. The east mile of the south boundary was surveyed by E. L. Bridges in 1882. The north boundary was dependently resurveyed in 1959 under Group No. 382, by W. H. Sylvester. The west boundary was surveyed concurrently and under Group 382 and is described in the field notes of T. 24N., R. 40 E.

The following field notes are those of the dependent resurvey of a portion of the south boundary and a portion of the subdivisional lines of T. 24 N., R. 41 E. originally surveyed by D. H. Barker and J. H. Eaton in 1876.

The resurvey was requested by the State Supervisor for Nevada to provide identification of the boundaries of the public lands to facilitate administration under appropriate public land laws including the Desert Land Act.

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 measurement and record distance were applied in order to ascertain the position of the 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 with a W. and L. E. Gurley solar transit serial No. 580515, which conforms to the standard instrumental specifications of the Bureau of Land Management. The instrument was in good condition and was maintained in precise adjustment throughout the survey.

The measurements were made with a narrow steel tape, 8 chains in length, graduated to tenths of links for the first link, to links for the next 99 links and thereafter at intervals of 10 links. The tape was tested by comparison with a one-chain standard steel tape and found correct. The measurements were made on the slope and the vertical angles were properly reduced to horizontal equivalents which are entered in the field note record.

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 geographic position for the southeast corner of section 35 is at latitude $39^{\circ} 54' 04''$ N. and longitude $117^{\circ} 19' 19''$ W., as adjusted along section lines from the field notes of the 1959 resurvey of T. 25 N., R. 41 E.

The magnetic declination was read at a number of stations throughout the township and the average of these readings was found to be $17^{\circ} 30'$ East.

Dependent Resurvey of South Boundary of T. 24 N., R. 41 E.

Reestablishment of the survey executed by Deputy Surveyors D. H. Barker and J. H. Eaton in 1876.

The cor. of secs. 1, 2, 35 and 36, monumented by a granite stone, 30x20x6 ins., firmly set in a mound of stone and dimly mkd.

At the cor. point