

Chains

The east boundary, the east five miles of the south boundary, sections 1 to 3, 11 to 14, 23 to 27, and 32 to 36 were surveyed by Deputy Surveyors D. H. Barker and J. H. Eaton in 1876. The west boundary was surveyed by Deputy Surveyors Conkling and Stewart in 1881. The east three and a half miles of the north boundary (Fifth Standard Parallel North) was surveyed by Deputy Surveyors D. H. Barker and W. W. Skinner in 1875. The east three miles of the north boundary (Fifth Standard Parallel North) was resurveyed and the west three miles surveyed by George W. Ridgeway in 1928. The east bdy. was resurveyed by Woodrow Sylvester in 1959. The east five miles of the south boundary was resurveyed by Lancel E. Bland concurrently.

The following field notes are those of the dependent resurvey of the portion of the subdivision surveyed by Barker and 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 distances were applied in order to ascertain the position of the lost corners, after completing the necessary retracement 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 notes 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 the township is at latitude $39^{\circ} 59' 23''$ N. and longitude $117^{\circ} 24' 52''$ 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, Portion of Subdivisional Lines, T. 25 N., R. 40E,

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

Beginning at the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the Tp., monumented with an iron post, $2\frac{1}{2}$ ins. diam., set, mkd. and witnessed as described in the field notes of the concurrent resurvey of T. 24 N., R. 40 E.