

TOWNSHIP 12 NORTH, RANGE 37 EAST

1

CHAINS

The east boundary was surveyed by Glover and Perrin in 1881. The north, south, and west boundaries and the subdivisional lines were surveyed by Stewart and Morrison in 1883.

The resurvey was initiated by 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.

The rules of proportionate measurement were applied in order to ascertain the position of lost corners after completing the necessary retracements to connect the identified corner positions, but not until exhausting every reasonable possibility of finding direct evidence for the control of each particular corner.

The survey was executed with a Gurley solar transit, Serial No. 580530, constructed in accordance with Bureau of Land Management specifications, which transit was in good condition and was placed in satisfactory adjustment prior to the beginning of the survey and maintained throughout the survey.

The direction of the lines was determined by altitude observations of the sun for azimuth at numerous points throughout the survey. The measurements were made with a narrow steel tape, 8 chains in length, graduated every link for the first 100 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 verticle angle of each interval was ascertained with a clinometer in good adjustment; the horizontal equivalents only are entered in the field note book.

The geographical position of the southeast corner of sec. 20, as computed from the northwest corner of sec. 6 is Latitude 38°52'52" N., Longitude 117°49'56" W. The magnetic declination was read at several stations throughout the township and the average of several of the readings was 17° E.

DEPENDENT RESURVEY OF A PORTION OF THE NORTH BOUNDARY
OF T. 12 N., R. 37 E.

Reestablishment of the Survey Executed by Stewart and Morrison, Deputy Surveyors, in 1883.

Beginning at the cor. of secs. 4, 5, 32 and 33 on the N. bdy. of the tp., monumented with a granite stone, 12x10 x6 ins., plainly marked and firmly set.

Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground and in a collar of stone, with brass cap mkd.

T13N R37E
S 32 | S 33
S 5 | S 4
T12N
1962

Bury the original corner stone alongside the iron post.