

T. 22 S., R. 60 E.

Chains

The boundaries and subdivision of T. 22 S., R. 60 E. were originally surveyed by Deputy Surveyors Brunt and Proctor in 1881. The east boundary of section 1 was dependently resurveyed by Quintin Campbell, Cadastral Engineer, in 1952. The north, south and west boundaries, a portion of the east boundary and the subdivisional lines were dependently resurveyed by Woodrow H. Sylvester, Cadastral Engineer, in 1954 and 1955; also, sections 20 and 23 were subdivided at this time.

The following notes are those of the survey of the subdivisional lines inside the sections dependently resurveyed during the 1954-1955 field season; the topography being in substantial agreement with the resurvey notes is not shown herein.

The survey was executed with W. and L. E. Gurley transit No. 561047. It is equipped with full vertical circle and improved Smith-type telescopic solar attachment, and conforms to the standard instrumental specifications of the Bureau of Land Management. The instrument was maintained in precise adjustment throughout the progress of the survey.

The directions of all lines herein reported are determined by deflection from the section lines and checked by observations on Polaris and the sun, throughout the survey.

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. All measurements were made on the slope and the vertical angle of each interval ascertained by a clinometer in good adjustment; the horizontal equivalents alone are entered in the field note record. The length of all lines was determined by chaining.

The geographic position of the southeast corner of the township is in latitude $35^{\circ} 59.0'$ N. and longitude $115^{\circ} 12.3'$ W., as taken from the 1955 resurvey plat. The mean magnetic declination was found to be $15^{\circ} 45'$ E.

Subdivision of Section 1, T. 22 S., R. 60 E.

From the $\frac{1}{4}$ sec. cor. of secs. 1 and 12, which is monumented with an iron post, $2\frac{1}{2}$ ins. diam., firmly set, marked and witnessed as described in the 1955 resurvey notes.

N. $0^{\circ} 52'$ E., on the north and south center line of sec. 1.

20.27

Point for the center south $1/16$ sec. cor. of sec. 1.

Set an iron post, 30 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground and in a mound of stone to top, with brass cap mkd.

T22S R60E

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