

T. 20 S., R. 59 E.

Chains

The boundaries and subdivisional lines of T. 20 S., R. 59 E. were surveyed by Brunt and Proctor, Deputy Surveyors, in 1881. The north boundary of section 1 was dependently resurveyed in December, 1956, under this same Group in connection with dependent resurveys in T. 19 S., R. 59 E., the returns of which were approved February 26, 1957. The east boundaries of sections 1 and 12 were dependently resurveyed in January, 1957, under Group 357 in connection with dependent resurveys in T. 20 S., R. 60 E.

The following notes are those of a dependent resurvey of a portion of the subdivisional lines, and a survey of the north-south and east-west center lines of sections 1 and 12. Although the supplemental special instructions did not provide for establishment of 1/16 section corners on the section lines, verbal instructions from the area cadastral engineer provided for their establishment.

The directions of all lines herein reported are determined by deflection from the township boundary 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 Lufkin 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 where possible, otherwise by traverse or triangulation. The details of such traverses or triangulations have been thoroughly verified and in order to simplify the record the diagrams and reductions are omitted from the field notes.

The geographic position of the southeast corner of section 12 is in latitude 36° 13' 01.5" N. and longitude 115° 18' 53" W., as determined by scaling from U. S. G. S. quadrangle map "Blue Diamond."

The magnetic declination was read at a number of stations throughout the area surveyed and the average of the readings was found to be 15° 45' E.

Dependent Resurvey, Portion of the Subdivision of T. 20 S., R. 59 E.

Reestablishment of the survey executed by Brunt and Proctor, Deputy Surveyors, in 1881.

Beginning at the cor. of secs. 7, 12, 13 and 18 on the E. bdy. of the township, which is monumented with an iron post, 2½ ins. diam., firmly set, marked and witnessed as described in the field notes of the dependent resurvey of a portion of the exterior and subdivisional lines of T. 20 S., R. 60 E., Group 357, Nevada.

N. 89° 33' W., between secs. 12 and 13.

Asc. over gradual NE. slope through scattered yucca and creosote undergrowth.

20.66

Point for the E. 1/16 sec. cor. of secs. 12 and 13 at proportionate dist.

Set an iron post, 30 ins. long, 2½ ins. diam., 14 ins. in the ground, and in a mound of stone, 3 ft. base, 16 ins. high, with brass cap mkd.