

T. 26 S., R. 7 W.

CHAINS

The history of surveys of the portion of township 26 south, range 7 west, of the Willamette Meridian, Oregon, covered by the resurvey is as follows:

The west and south boundaries and a portion of the subdivisional lines were surveyed by Dennis Hathorn, in 1856. The west 3 miles of the south boundary and west boundary were resurveyed and a completion survey made of the subdivisional lines by A. R. and S. C. Flint, in 1881.

The resurvey was made at the request of the Roseburg District Forester.

Preliminary to the resurvey the lines of the original survey are retraced and search is made for all corners and other calls of the record. Identified corners are remonumented in their original positions, lost corners are reestablished and remonumented at proportionate positions based on the original record. The retracement data are thoroughly verified and only the true line field notes are given herein.

The survey was executed with solar compasses made by Young & Sons, serial number 8510, and W. & L. E. Gurley, serial number 10385, constructed in accordance with the standard specifications of the General Land Office. The instruments were in good condition, having been placed in satisfactory adjustment prior to beginning the survey. The instruments were also tested and checked frequently during the course of the survey. Measurements were made on the slope with a Lallie steel tape, five chains (330 feet) in length, graduated every link for the first 100 links, and the balance at intervals of ten links. Plumb bobs were used on both ends of the tape and the vertical angle of each measurement was ascertained by the use of a clinometer. Only the horizontal equivalents of the measurements made are entered in the field note record. The tape was checked by comparison with a standard steel tape, one chain (66 feet) in length, and found to be correct. All lines were chained twice to insure accuracy.

The directions of lines were determined by the solar compass method.

The geographic position of the southeast corner of section 21 as determined from the United States Geological Survey quadrangle map Tyee, 1955, is as follows:

Latitude 43° 17.2' N. Longitude 123° 31.4' W.

The mean magnetic declination is 20° 14' E.

Dependent Resurvey of a Portion of the West Boundary,
T. 26 S., R. 7 West, Willamette Meridian, Oregon.
(Restoring the 1855 survey by Dennis Hathorn, resurveyed by A. R. and S. C. Flint in 1881.)

The point for the cor. of secs. 19, 24, 25 and 30, on the W. bdy. of the Tp., is determined at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap marked

T26S
R8W | R7W
S 24 | S 19
S 25 | S 30
1959