

County Surveyor's Record, Douglas County, Oregon

T. 23 S., R. 1 W.

CHAINS

The history of surveys of Township 23 South, Range 1 West in that portion of the township covered by the resurvey is as follows:

The north boundary was surveyed by Wm. M. Bushey, in 1891. The south, east, and west boundaries and subdivisional lines were surveyed by Henry L. Chandler, in 1893. The east boundary of the township was resurveyed by John G. Collins, Dan P. Mumbrue, and Theodore J. VanderMeer in 1925.

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. Only lines bounding federal lands have been blazed.

The survey was executed with a solar transit made by W. and L. E. Gurley Company, serial number 580528, constructed in accordance with the standard specifications of the Bureau of Land Management. The instrument was in good condition, having been placed in satisfactory adjustment prior to beginning the survey. The instrument was also tested and checked frequently during the course of the survey, measurements were made on the slope with a Lufkin steel tape, five chains (330 feet) in length, graduated every link for the entire length. The vertical angle of each measurement was ascertained by use of two clinometers in good adjustment. Only the horizontal equivalents of the measurements made are entered in the field note record. All lines not forming a closure were double chained to verify the distance. The tape was tested by comparison with a standard steel tape, 1 chain in length, and found correct.

The directions of lines were determined by direct solar observations.

The geographic position of the corner of sections 25, 26, 35, and 36, as scaled from the Culp Creek quadrangle map prepared by the United States Geological Survey, in 1955, is as follows:

Latitude $43^{\circ} 32.2' N.$ Longitude $122^{\circ} 45.6' W.$

The mean magnetic declination is $20^{\circ} 30' E.$

Dependent Resurvey of a Portion of the E. Boundary, T. 23 S., R. 1 W.
Willamette Meridian, Oregon

(Restoring the 1893 survey by Henry L. Chandler,
and the 1925 resurvey by John G. Collins, Dan
P. Mumbrue, and Theodore J. VanderMeer)

The cor. of secs. 13 and 24, only, on the E. bdy. of the Twp., monumented with a basalt stone, 16 x 12 x 10 ins., firmly set, 12 ins. above the ground, marked with 3 notches on the N. and S. edges, from which the original bearing trees:

A downed fir, 12 ins. diam., bears N. $45^{\circ} E.$, 42 lks. dist., with healed blaze. (Original marks destroyed in 1925)

A cedar, 26 ins. diam., bears S. $21^{\circ} E.$, 63 lks. dist., with healed blaze. (Original marks destroyed in 1925)

A fir snag, 50 ins. diam., bears S. $22^{\circ} W.$, 40 lks. dist., with healed blaze.

A fir, 48 ins. diam., bears N. $4^{\circ} W.$, 62 lks. dist., with healed blaze.