

## County Surveyor's Record, Douglas County, Oregon

T. 26 S., R. 3 W.

## CHAINS

The history of surveys of that portion of township 26 south, range 3 west, Willamette Meridian, Oregon, covered by this resurvey is as follows:

The north and east boundaries and a portion of the subdivisional lines were surveyed by Addison R. Flint, in 1855. Remaining portions of the subdivisional lines were surveyed by William H. Byars, in 1877 and 1879, and by Samuel C. Flint, in 1882. A portion of the east boundary was dependently resurveyed by Charles M. Collier, in 1913 and by Irving Zirpel, Jr. in 1959. A portion of the north boundary was dependently resurveyed by Norman D. Price, in 1943.

The resurvey and subdivision-of-section surveys were made at the request of the Roseburg District Manager for administrative purposes of the Bureau of Land Management.

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, and lost corners are reestablished and remonumented at proportionate positions based on the original record. The retrace data are thoroughly verified and only the true line field notes are given herein. Only the lines bounding or crossing public land are blazed.

The survey was executed with solar transits made by W. and L. E. Gurley Co., serial numbers 49635, 371543, and 580525, constructed in accordance with the standard specifications of the Bureau of Land Management. The instruments were in good condition, having been placed in satisfactory adjustment prior to the survey. The instruments were also checked frequently during the course of the survey. Measurements were made on the slope with Lufkin steel tapes, five chains (330 feet) in length, graduated every link for the first 100 links, and the balance at intervals of 10 links. Plumb bobs were used at both ends of the tape, and the vertical angle of each measurement was ascertained by the use of two clinometers in good adjustment. Only the horizontal equivalents of the measurements made are entered in the field note record. The tapes were tested by comparison with a standard steel tape, one chain in length, and found to be correct. All lines not forming a closure were double chained to verify the distance.

The directions of lines were determined by the solar transit method and by direct solar observations.

The geographic position of the southeast corner of section 21, as scaled from the Glide, Oregon, quadrangle map, prepared by the United States Geological Survey, in 1954, is as follows:

Latitude  $43^{\circ} 17.2'$  N. Longitude  $123^{\circ} 02.9'$  W.

The mean magnetic declination is  $20^{\circ} 15'$  East.

Dependent Resurvey of a Portion of the E. Bdy.,  
T. 26 S., R. 3 W., Willamette Meridian, Oregon  
(Restoring the 1855 survey by Addison R. Flint,  
and the 1913 resurvey by Charles M. Collier)