

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

T. 24 S., R. 2 W.

## CHAINS

The history of surveys of the portion of township 24 south, range 2 west, included in the resurvey is as follows:

<u>Part Surveyed</u>	<u>Original Survey By &amp; Date</u>	
South Boundary	John A. McQuinn	1883
East Boundary	John A. McQuinn	1883
		Remeasured by Carl S. Nicklin in 1896.
West Boundary	William H. Byars	1871
Subdivision	John A. McQuinn	1883
	Henry L. Chandler	1894

The resurvey was made for the administrative purposes of the Bureau of Land Management. Field work of the resurvey was executed by Levi E. Tallett, Cadastral Engineer, from May 24 to October 4, 1951. The survey of tracts and modification of control of corners on the south boundary was executed by C. Albert White, Cadastral Surveyor, from July 3 to August 13, 1963. The following field notes are those of the dependent resurvey of the south boundary, a portion each of the east and west boundaries, and a portion of the subdivisional lines, and survey of tracts.

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 and Sons, serial numbers 8461 and 8511, a light mountain solar transit made by Buff and Buff Co., serial number 17998, and a solar transit made by W. and L. E. Gurley Co., serial number 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 beginning the survey. The instruments were also tested and checked frequently during the course of the survey. Measurements were made on the slope with Lallie steel tapes, two chains (132 feet) in length, graduated every link, or Lufkin steel tapes, five chains (330 feet) in length, graduated every link for the first 100 links, and the balance at intervals of ten links. The tapes were tested by comparison with standard steel tapes one chain in length and found correct. The vertical angle of each measurement was ascertained by use of a clinometer in good adjustment. Only the horizontal equivalents of the measurements made are entered in the field note record.

The directions of lines were determined in 1951 by the solar compass method and in 1963 by the solar transit method.

The geographic position of the southeast corner of the township, as computed from ties to United States Coast and Geodetic Survey triangulation station "Scott", is as follows:

Latitude  $43^{\circ} 26' 29''$  N. Longitude  $122^{\circ} 52' 33''$  W.