

# County Surveyor's Record, Douglas County, Oregon

Dependent Resurvey Portion of Subdivisional Lines of T. 21 S., R. 11 W.  
Executed by Thomas A. Tillman, Civil Engineer (Cadastral)

Under Special Instructions dated August 6, 1957, under Group No. 373.

CHAINS

The history of surveys of township 21 South, range 11 west, is as follows:

<u>Part Surveyed</u>	<u>Original Survey By &amp; Date</u>	<u>Resurvey By &amp; Date</u>
North Boundary	(Part) J. W. Meldrum 1867 (Part) William Thiel 1891	
South Boundary	(Part) W. H. Byars 1874 (Part) William Thiel 1891	W. H. Wipple, 1894
East Boundary	William Thiel 1891	(Part) Strickler, Rodolph & Sorrels 1919
West Boundary	Harvey Gordon 1857	
Subdivision	(Part) J. W. Meldrum 1867 (Part) William Thiel 1891	
Meanders (Smith River)	J. W. Meldrum 1867	
Meanders (Umpqua River)	W. H. Byars 1874	

The resurvey was made at the request of the Forest Service.

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 a solar transit made by Buff and Buff Co., serial number 17998 and a solar compass made by Young and Sons Co., serial number 8460, 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 a Dietzgen steel tape, two chains (132 feet) in length, graduated every link for the entire length, and 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. The vertical angle of each measurement was ascertained by a clinometer in good adjustment. Only the horizontal equivalents of the measurements made are entered in the field note record. Tapes were compared to a standard.

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

The geographic position of the southeast corner of section 13, as scaled from the Scottsburg Quadrangle (1955) prepared by the Geological Survey, is as follows:

Latitude 43° 44 $\frac{1}{4}$ ' N.                      Longitude 123° 56 $\frac{3}{4}$ ' W.

The mean magnetic declination is 19° 41' E.

Chains

Dependent Resurvey of a Portion of the Subdivisional Lines of  
T. 21 S., R. 11 W.  
(Restoring the 1891 survey by William Thiel)

Beginning at the corner of secs. 13 and 24 only, on E. bdy. of the Tp., which is marked by a fir, 50 ins. diam., marked and witnessed as described in the official record.

N. 85° 08' W., bet. secs. 13 and 24, marking and blazing the true line.

Descend 75 ft. over SW. slope, through heavy timber and dense undergrowth.