

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

T. 20 S., R. 9 W.

CHAINS

The history of surveys of township 20 south, range 9 west, is as follows:

<u>Part Surveyed</u>	<u>Original Survey By &amp; Date</u>	<u>Resurvey By &amp; Date</u>
North Boundary	William Thiel 1891	Henry L. Chandler 1899
" "	Henry L. Chandler 1899	Fred Mensch (Part) 1921
South Boundary	William Thiel 1877	Alonzo Gesner 1893
" "	William Thiel 1891	Fred Mensch (Part) 1919
East Boundary	William P. Wright 1883	T.A. Tillman (Part) 1950
" "	William Thiel 1891	
West Boundary	W. H. Byars 1874	Fred Mensch (Part) 1922
" "	William Thiel 1877	T. A. Tillman 1951-2
" "	William Thiel 1891	
" "	Nathaniel Martin 1892	
Subdivision	William Thiel 1877	Fred Mensch (Part) 1921
"	William Thiel 1891	
"	Fred Mensch 1921	

The resurvey was made for the 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, lost corners are reestablished and remonumented at proportionate positions based on the original record. The retracement data are thoroughly verified and only true line field notes are given herein.

The survey was executed with solar compasses made by Young and Sons Co., serial numbers 8510 and 8512, 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 Dietzgen steel tapes, two chains (132 feet) in length, graduated every link throughout 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. Tapes were compared to a standard.

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

The geographic position of the southeast corner of the township as computed from ties to United States Geological Survey triangulation station VINCENT is as follows:

Latitude 43° 47' 05" N. Longitude 123° 42' 12" W.  
The mean magnetic declination is 20° 44' E.

Dependent Resurvey of the South Boundary of T. 20 S., R. 9 W.  
(Restoring the 1877 and 1891 surveys by William Thiel,  
resurveyed by Alonzo Gesner in 1893)

Beginning at the cor. of Tps. 20 S., Rs. 9 and 10 W., on the N. bdy. of sec. 1, T. 21 S., R. 10 W., which is monumented with an iron post, 3 ins. diam., 12 ins. above ground, and in a mound of stone, 3 ft. base, to top, firmly set, marked and witnessed as described in the official record.

N. 89° 23' E., along the S. bdy. of sec. 31, marking and blazing the true line.

Descend 245 ft. along bluffy N. slope, changing to NE. slope, through heavy timber and dense undergrowth.