

# County Surveyor's Record, Douglas County, Oregon

17099

T. 20 S., R. 12 W., Willamette Meridian, Oregon

## CHAINS

The following field notes are those of the dependent resurvey of a portion of the north boundary and subdivisional lines, the retracement of the meanders of the Pacific Ocean, Siltcoos Lake, Tahkenitch Lake, Tahkenitch Creek, the subdivision of sections 3, 4, 8, 17, 20, 29, and 32, and the metes-and-bounds survey of certain parcels, township 20 south, range 12 west, Willamette Meridian, Oregon.

The history of surveys pertaining to this resurvey is as follows:

The north and south boundaries, a portion of the subdivisional lines, and the meanders of the Pacific Ocean, Siltcoos Lake, Carter Lake, Tahkenitch Lake, the Siltcoos River, and Tahkenitch Creek were surveyed by Harvey Gordon, U.S. Deputy Surveyor, in 1857-58.

A portion of the north boundary and subdivisional lines was resurveyed and the survey of the subdivisional lines was completed by William H. Byars, U.S. Deputy Surveyor, in 1902-05.

A portion of the south boundary was resurveyed by Glenn F. Goodson, Scott R. McIntyre, and Scott R. McMullin, Cadastral Surveyors, in 1981.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated October 7, 1981, under Group Number 1077, Oregon.

The direction of the lines were determined by deflections from azimuths obtained by direct solar observations and refer to the true meridian.

Preliminary to the resurvey, the lines of the original survey were retraced and search was made for all corners and other calls of the record. Identified corners were remonumented in their original positions. Lost corners were reestablished and remonumented at proportionate positions based on the official record. The retracement data were thoroughly verified and only the true line field notes are given herein. Those lines not forming a closure were measured twice.

The geographic position of the closing corner of sections 3 and 4, on the north boundary of the township, as determined by a tie to triangulation station "SILTCOOS LOOKOUT TOWER", established by the U.S. Forest Service, in 1936, is as follows:

Latitude  $43^{\circ} 52' 17.0''$  N. Longitude  $124^{\circ} 07' 26.8''$  W.

The mean magnetic declination is  $19^{\circ} 30'$  E.

Dependent Resurvey of a Portion of the North Boundary,  
T. 20 S., R. 12 W., Willamette Meridian, Oregon

(Restoring the survey by Harvey Gordon, U.S. Deputy Surveyor, in 1857-58, and the resurvey by William H. Byars, U.S. Deputy Surveyor, in 1902-05)