

County Surveyor's Record, Douglas County, Oregon

T. 29 S., R. 7 W., Willamette Meridian, Oregon

CHAINS

The history of surveys of township 20 south, range 7 west, Willamette Meridian, Oregon, in the portion covered by this resurvey is as follows:

The east boundary of township 20 south, range 8 west, was surveyed by William P. Wright, in 1884, as shown on the official plat of survey approved August 4, 1884. The east boundary of township 20 south, range 8 west, was retraced and the subdivisional lines of township 20 south, range 7 west, were surveyed by Thomas E. Todd, in 1891, as shown on the official plat of survey approved November 9, 1892. The east boundary of township 20 south, range 8 west, was dependently resurveyed by Thomas A. Tillman, in 1950-54, as shown on the official plats of surveys approved February 7, 1952, and February 3, 1960.

Preliminary to the resurvey the lines of the original surveys 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. Only the lines bounding, or crossing, public lands were blazed. All lines not forming closures were measured twice.

During August 1966 the Oxbow Ridge fire swept across a portion of township 20 south, range 7 west, destroying the undergrowth and killing much of the standing timber. To help meet the administrative needs in the burned area an aerial electronic cadastral resurvey project was conducted jointly by the Oregon State Office Branch of Cadastral Engineering and the Research Branch of the Portland Service Center in the spring of 1967. This project also served to test the limitations and feasibility of adopting this type of survey to the terrain found in western Oregon.

In the course of placing panels at corners for sighting from the air many corners were remonumented or rehabilitated. Electronic survey control points were also established and monumented. The record of the action taken at the corners and control points for the portion of the project in this township are included in this set of notes. New and live bearing trees were marked at the corners where possible, in cases where no live trees were available trees previously used as accessories were remarked on a new blaze, and in situations where the timber had been logged it was necessary to use stumps for corner accessories. Steel fence posts were set alongside the corner monuments to aid in the protection and perpetuation of the corner.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions, dated May 3, 1957, and September 29, 1966, under Groups 350 and 622, Oregon.

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

The geographic position of the corner of sections 15, 16, 21, and 22, as computed from a direct tie to the United States Coast and Geodetic Survey triangulation station, PEARL, 1953, is as follows:

Latitude $43^{\circ} 49' 23.46''$ N. Longitude $123^{\circ} 31' 40.67''$ W.
The mean magnetic declination is $20^{\circ} 00'$ East.

Dependent Resurvey, Portion of E. Bdy., T. 20 S., R. 8 W., Willamette Meridian, Oregon.

(Restoring the 1884 survey by William P. Wright, the 1891 retracement by Thomas E. Todd, and the 1950-54 dependent resurvey by Thomas A. Tillman)