

# County Surveyor's Record, Douglas County, Oregon

18425

T. 22 S., R. 9 W., Willamette Meridian, Oregon

## CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, township 22 south, range 9 west, Willamette Meridian, Oregon.

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

The north bank of the Umpqua River was meandered and a portion of the subdivisional lines was surveyed by Harvey Gordon and Charles T. Gardner, U. S. Deputy Surveyors, in 1855.

The Donation Land Claims in the township were surveyed by Dennis Hathorn, U. S. Deputy Surveyor, in 1856.

A portion of the subdivisional lines was surveyed by William H. Byars, U. S. Deputy Surveyor, in 1874.

A portion of the subdivisional lines was surveyed and resurveyed by Alonzo Gesner and Elmer O. Worrick, U. S. Deputy Surveyors, in 1894.

A portion of the subdivisionsal lines was retraced and Donation Land Claim boundaries resurveyed by George S. Pershin, U. S. Deputy Surveyor, in 1896.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated March 13, 1987, for Group No. 1367, Oregon.

The directions of the lines refer to the true meridian as determined by deflections from azimuths obtained by direct solar observations.

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 those lines bounding or crossing public lands were blazed. All lines not forming a closure were measured twice.

Detectable Electronically Energized Particles (DEEP-1 TM) were buried as memorials at certain corner monuments. The DEEP-1 is composed of strontium encased in a color-coded plastic container. The units are 1 inch in diameter, 2½ inches long, weigh 2½ ounces, and are magnetically detectable to an average depth of 8 feet.

The geographic position (NAD 1972) of the W 1/16 section corner of sections 9 and 16, as determined by a tie to an electronic control point established by the Doppler method of global positioning using Magnavox MX-1502 Receivers, in 1985, is as follows:

Latitude 43° 39' 55.60" N. Longitude 123° 46' 50.26" W.

The mean magnetic declination is 20° E.

Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 22 S., R. 9 W., Willametter Meridian, Oregon