

County Surveyor's Record, Douglas County, Oregon

18399

T. 28 S., R.8 W., Willamette Meridian, Oregon

CHAINS

The following field notes are those of the corrective dependent resurvey of the line between sections 4 and 9, the dependent resurvey of a portion of the subdivisional lines and the boundary of donation land claim No. 41, and subdivision of section 15, township 28 south, range 8 west, Willamette Meridian, Oregon.

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

A portion of the subdivisional lines was surveyed by Dennis Hathorn, U. S. Deputy Surveyor, in 1856.

The boundaries of Donation Land Claim Numbers 37, 40, 41 were surveyed by Josiah A. Burnett, U. S. Deputy Surveyor, in 1857.

A portion of the subdivisional lines was surveyed by Winfield S. Chapman, U. S. Deputy Surveyor, in 1875.

A portion of the subdivisional lines was surveyed by George S. Pershin, U. S. Deputy Surveyor, in 1875.

A portion of the subdivisional lines was resurveyed by Lynn M. Roseberry, Daniel L. Berry, Gordon S. Popken, and Albert J. Garrison, Cadastral Surveyors, in 1969-73.

A portion of the subdivisional lines was resurveyed by James E. Jelley, Cadastral Surveyor, in 1975. The notes were approved and the plat was accepted February 22, 1978. In 1986, Richard S. Hintz, Registered Land Surveyor No. 497, reported that the $\frac{1}{4}$ section corner of sections 4 and 9, established by Jelley, was out of position. The investigation authorized and executed under this group confirmed Hintz's finding.

A portion of the subdivisional lines was resurveyed by Dale T. Bedell, Cadastral Surveyor, in 1986.

This survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated January 20, 1987, and Supplemental special Instructions dated March 24, 1987, for Group No. 1364, Oregon.

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

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, $2\frac{1}{2}$ inches long, weigh $2\frac{1}{2}$ ounces, and are magnetically detectable to an average depth of 8 feet.

Preliminary to the resurvey, the lines of the original surveys were retraced and a 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.