

# County Surveyor's Record, Douglas County, Oregon

18417

T. 25 S., R. 1 W., Willamette Meridian, Oregon

## CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, township 25 south, range 1 west, Willamette Meridian, Oregon.

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

The subdivisional lines were surveyed by Hezekiah H. Johnson, U.S. Deputy Surveyor, in 1900.

A portion of the subdivisional lines were resurveyed, sections 4 and 19 were subdivided, and certain original corner points were remonumented by James E. Jelley, Cadastral surveyor, in 1978-80.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated August 18, 1986, for Group No. 1347, Oregon.

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

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.

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

The geographic position (NAD 1927) of the corner of sections 2, 3, 10, and 11, as determined by a tie to a control point established by the doppler method of global positioning using Magnavox MX-1502 Receivers, in 1987, is as follows:

Latitude 43° 25' 20.52" N. Longitude 122° 46' 52.41" W.

The mean magnetic declination is 17° 30' E.

(Restoring the survey by Hezekiah H. Johnson in 1900)

Beginning at the cor. of secs. 9, 10, 15, and 16, perpetuated and recorded by Vernon W. Hosford, Registered Land Surveyor, No. 253, in 1960, from original evidence no longer in existence, and further perpetuated and recorded by Vernon R. Tracy, Deputy County Surveyor, in 1966, monumented with an iron pipe, 1½ ins. diam., loosely set, projecting 18 ins. above ground, from which the remains of a bearing tree mkd. by Hosford:

A root hole, bears N. 57° E., 43 lks. dist., with a down hemlock alongside, 10 ins. diam., with scribe marks S10 253 BT visible on partially healed blaze.

and the remains of a bearing tree mkd. by Tracy