

# County Surveyor's Record, Douglas County, Oregon

18655 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 and the subdivision of section 14, 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.

Certain original corner points were remonumented by James E. Jelley, Cadastral Surveyor, in 1978-80.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated April 26, 1988, for Group No. 1440, 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 survey were retraced and search was made for all corners and other calls of the record. Identified corners were remonumented in their original positions. 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 monumentes. 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 1927) of the corner of sections 10, 11, 14, and 15, as determined from 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° 24' 28.21" N. Longitude 122° 46' 51.35" W.

The mean magnetic declination is 18½° E.

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Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 25 S., R. 1 W., Willamette Meridian, Oregon

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

Beginning at the ¼ sec. cor. of secs. 13 and 14, perpetuated and recorded by G. Robert Lecklider, Professional Engineer NO. 4079, in 1960, and further perpetuated and recorded by Vernon R. Tracy, Deputy County Surveyor, in 1966, from original evidence no longer in existence (an iron post, 1¼ ins. diam., lying on top of ground, was found near the corner point), determined at record distance from the remains of a bearing tree mkd. by Lecklider:

A sawed fir stump, 34 ins. diam., bears N.40°E., 33 lks. dist., with scribe marks ¼ S13 RE 4079 visible on bark blaze.

and the remains of bearing trees mkd. by Tracy

A sawed fir stump, 16 ins. diam., bears N. 4½° E., 36½ lks. dist., with fragmentary scribe marks visible on partially healed double blaze.