

County Surveyor's Record, Douglas County, Oregon

18370

T. 31 S., R. 8 W., Willamette Meridian, Oregon

CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, township 31 south, range 8 west, Willamette Meridian, Oregon.

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

In 1883, William H. Byars, U.S. deputy Surveyor, surveyed the subdivisional lines.

In 1960-62, C. Albert White and Harold D. Corbin, Cadastral Surveyors, and Donald R. Beck, Surveying Technician, dependently resurveyed a portion of the subdivisional lines, and remonumented certain original corner points.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated July 14, 1986, for Group No. 1338, 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, $2\frac{1}{2}$ inches long, weigh $2\frac{1}{2}$ ounces, and are magnetically detectable to an average depth of 8 feet.

The geographic position (NAD 1927) of the corner of sections 1, 2, 11, and 12, as determined from a tie to National Geodetic Survey triangulation station "Live Oak", is as follows:

Latitude $42^{\circ} 53' 52.63''$ N. Longitude $123^{\circ} 36' 08.59''$ W.

The mean magnetic declination is 20° E.

(Restoring the survey by William H. Byars, in 1883)

Beginning at the cor. of secs. 11, 12, 13, and 14, perpetuated and recorded by John M. Powell, deputy County Surveyor, in 1966, determined from the remains of the original bearing trees:

A rotted fir stump, 60 ins. diam., bears S. 65° E.,
56 lks. dist., no marks remaining. (Record, S. 70° E.)

A fir stump, 40 ins. diam., bears S. 35° W., 83
lks. dist., with healed blaze. (Record, S. 30° W.)

and bearing trees mkd. by Powell

A fir, 17 ins. diam., bears N. 78° E., 46 lks.
dist., with healed blaze.

A fir, 12 ins. diam., bears S. $48\frac{1}{2}^{\circ}$ E., 36 lks.
dist., with healed blaze.