

County Surveyor's Record, Douglas County, Oregon

18386

T. 30 S., R. 7 W., Willamette Meridian, Oregon

CHAINS

The following field notes are those of the dependent resurvey of a portion of the west boundary and subdivisional lines, and the subdivision of section 18, township 30 south, range 7 west, Willamette Meridian, Oregon.

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

In 1882, William H. Byars, U.S. Deputy Surveyor, surveyed the west boundary and a portion of the subdivisional lines.

In 1972, Stephen D. Albright and Jack W. Bowder, Cadastral Surveyors, resurveyed a portion of the west boundary and subdivisional lines.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated August 28, 1986, for Group No. 1350, 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 surveys 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.

The geographic position (NAD 1927) of the corner of sections 7, 8, 17, and 18, as determined by the doppler method of global positioning using Magnavox MX-1502 Receivers, in 1987, is as follows:

Latitude 42° 58' 14.33" N. Longitude 123° 33' 46.40" W.

The mean magnetic declination is 20° E.

(Restoring the survey by William H. Byars, in 1882, and the resurvey by Stephen D. Albright and Jack W. Bowder, in 1972)

Beginning at the cor. of secs. 13, 18, 19, and 24, on the W. bdy. of the Tp., monumented with an iron post, 2½ ins. diam., firmly set, projecting 18 ins. above ground, in a mound of stone, 4 ft. base, to top, (with the original basalt stone, 18 x 12 x 10 ins., mkd. with 3 grooves on the S. face and 3 grooves on the N. face, and an iron post, 1½ ins. diam., alongside), with brass cap mkd.

T 30 S
R 8 W R 7 W
S 13 | S 18
S 24 | S 19
1972

from which the original bearing trees

A fir, 20 ins. diam., bears N. 38° E., 53 lks. dist., with healed blaze. (Record, 52 lks.)