

# County Surveyor's Record, Douglas County, Oregon

18806

T. 28 S., R. 4 W., Willamette Meridian, Oregon

## CHAINS

The following field notes are those of the subdivision of Section 18, township 28 south, range 4 west, Willamette Meridian, Oregon.

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

In 1851, James E. Freeman, U.S. Deputy Surveyor, surveyed the west boundary of the township.

In 1881, William H. Byars, U.S. Deputy Surveyor, resurveyed the west boundary and surveyed the subdivisional lines.

In 1958, Irving Zirpel, Jr. and William W. Glenn, Cadastral Surveyors, resurveyed a portion of the subdivisional lines.

In 1974, G. Steven Popken, Cadastral Surveyor, resurveyed portions of the west boundary and subdivisional lines.

In 1984, Wayne L. Rogers and Lance J. Bishop, Cadastral Surveyors, resurveyed a portion of the subdivisional lines and subdivided section 7.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated February 28, 1989, for Group No. 1479, 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,  $2\frac{1}{2}$  inches long, weigh  $2\frac{1}{2}$  ounces, and are magnetically detectable to an average depth of 8 feet.

The random line data were thoroughly verified and only the true line field notes are given herein. Only those lines bounding public lands were blazed. All lines not forming a closure were measured twice.

The geographic position (NAD 1927) of the  $\frac{1}{4}$  section corner of sections 17 and 18, as determined from a tie to "REFERENCE MARK NO. 3," established by the United States Coast and Geodetic Survey in 1970, for the United States Geological Survey triangulation station "DODSON 1942," is as follows:

Latitude  $43^{\circ} 08' 05.19''$  N. Longitude  $123^{\circ} 12' 19.96''$  W.

The mean magnetic declination is  $19^{\circ}$  E.

Beginning at the  $\frac{1}{4}$  sec. cor. of secs. 18 and 19, monumented with an iron post,  $2\frac{1}{2}$  ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd.

T 28 S R 4 W  
 $\frac{1}{4}$  S 18  
S 19  
1974

from which the remains of an original bearing tree

A fir stump, 38 ins. diam., bears S.  $14^{\circ}$  W., 60 lks. dist., with illegible scribe marks on a rotted blaze.

and bearing trees mkd. by Popken