

# County Surveyor's Record, Douglas County, Oregon

18450

T. 21 S., R. 6 W., Willamette Meridian, Oregon

## CHAINS

The following field notes are those of the dependent re-survey of a portion of the south and west boundaries and subdivisinal lines, township 21 south, range 6 west, Willamette Meridian, Oregon

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

In 1855, Harvey Gordon and Charles T. Gardner, U. S. Deputy Surveyors, surveyed the south boundary of the township.

In 1871, William H. Byars, U. S. Deputy Surveyor, surveyed a portion of the subdivisinal lines.

In 1883, Laban H. Wheeler, U. S. Deputy Surveyor, surveyed the west boundary of the township.

In 1884, William P. Wright, U. S. Deputy Surveyor, retraced a portion of the south boundary and surveyed a portion of the subdivisinal lines.

In 1979, James E. Jelley, Cadastral Surveyor, remonumented certain original corner points without survey.

In 1986, Boyd W. Peterson, Cadastral Surveyor, resurveyed a portion of the north boundary of T. 22 S., R. 7 W.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated June 26, 1987, for Group No. 1392, 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.

Preliminary to the resurvey, the lines of the original surveys were retraced and search was made to all corners and other calls of the record. Identified corners were remonumented in their original positions and lost corners were reestablished and remonumented at proportionate position based on the official record. The retracement data were thoroughly verified and only the true line field notes are given herein. All lines not forming a closure were measured twice.

The geographic position (NAD 1927) of the corner of sections 5, 6, 31, and 32 on the south boundary of the township, as determined from a tie to the United States Geological Survey triangulation station "TOM FOLLEY," is as follows:

Latitude  $43^{\circ} 41' 35.53''$  N. Longitude  $123^{\circ} 26' 45.87''$  W.

The mean magnetic declination is  $20^{\circ}$  E.