

# County Surveyor's Record, Douglas County, Oregon

T. 28 S., R. 5 W., Willamette Meridian, Oregon

18689

## CHAINS

The following field notes are those of the dependent resurvey of portions of the south and east boundaries and subdivisional lines, and the subdivision of sections 25, 26, 27, 34 and 35, township 28 south, range 5 west, Willamette Meridian, Oregon.

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

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

In 1853, Robert Elder and Henry S. Gile, U.S. Deputy Surveyors, surveyed the south boundary and a portion of the subdivisional lines.

In 1871, Addison R. Flint and L.L. Williams, U.S. Deputy Surveyors, surveyed a portion of the subdivisional lines.

In 1881, William H. Byars, U.S. Deputy Surveyor, retraced a portion of the east boundary.

In 1974, G. Steven Popken, Cadastral Surveyor, resurveyed a portion of the east boundary.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions 1973, the Special Instructions dated November 19, 1987, and the supplemental Special Instructions dated March 31, 1988, for Group No. 1425, 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. 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 public lands were blazed. All lines not forming a closure were measured twice.

The geographic position (NAD 1927) of the corner of sections 23, 24, 25 and 26, as determined from a tie to United States Coast and Geodetic Survey triangulation station "DODSON," is as follows:

Latitude 43° 06' 47.27" N. Longitude 123° 14' 41.39" W.

The mean magnetic declination is 18° East.

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Dependent Resurvey of a Portion of the South Boundary,  
T. 28 S., R. 5 W., Willamette Meridian, Oregon

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(Restoring the survey by Robert Elder and Henry S. Gile in 1853)

Beginning at the cor. of secs. 1, 2, 35, and 36, on the S. bdy. of the Tp., perpetuated and recorded by J.W. Cole, Deputy County Surveyor, in 1921, from original evidence no longer in existence, and further perpetuated and recorded by James W. Byron, Deputy County Surveyor, in 1957, monumented with an iron post, 1¼ ins.