

County Surveyor's Record, Douglas County, Oregon

T. 25 S., R 7 W., Willamette Meridian, Oregon

18168

CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, the retracement of the meanders of the left bank of the Umpqua River, in section 9, and the subdivision of section 9, township 25 south, range 7 west, Willamette Meridian, Oregon.

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

In 1857, Dennis Hathorn, U.S. Deputy Surveyor, surveyed a portion of the subdivisional lines and meanders of the Umpqua River.

In 1896, William, P. Heydon, U.S. Deputy Surveyor, retraced a portion of the subdivisional lines and completed the survey of the subdivisional lines.

In 1958, Irving Zirpel, Jr., Cadastral Surveyor, resurveyed a portion of the subdivisional lines.

In 1967-68, Lynn M. Roseberry, Cadastral Surveyor, resurveyed a portion of the 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 January 14, 1985, under Group Number 1246, 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 or crossing public lands were blazed. All lines not forming a closure were measured twice.

The geographic position of the ¼ section corner of sections 9 and 16, as determined from the tie to Douglas County Surveyors Office Horizontal Control Station U-10, is as follows:

Latitude 43° 24' 12.68" N. Longitude 123° 32' 05.80" W.

The mean magnetic declination is 20° E.

Dependent Resurvey of a Portion of
the Subdivisional Lines,
T. 25 S., R. 7 W., Willamette Meridian, Oregon