

County Surveyor's Record, Douglas County, Oregon

18311

T. 21 S., R. 7 W., Willamette Meridian, Oregon

CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, and subdivision of section 28, township 21 south, range 7 west, Willamette Meridian, Oregon

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

The east boundary and a portion of the subdivisional lines were surveyed by Laban H. Wheeler, U.S. Deputy Surveyor, in 1883.

The survey of the subdivisional lines was completed by William P. Wright, U. S. Deputy Surveyor, in 1884.

A portion of the subdivisional lines was resurveyed by Floyd A. Brooks and James E. Jelley, Cadastral surveyors, in 1964.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, the Special Instructions dated March 21, 1986, and Supplemental Special Instructions dated July 10, 1986, under Group Number 1318

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) were used as memorials to corner monuments set during this resurvey. The "DEEP-1" is composed of strontium encased in a color coded plastic conainer. 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 (NAD 1927) of the corner of sections 13, 18, 19, and 24, on the east boundary of the township, as determined by a tie to United States Geological survey triangulation station "TOM FOLLEY 1953", is as follows:

Latitude 43° 44' 17.46" N. Longitude 123° 27' 52.94" W.

The geographic position (NAD 1927) of the ¼ section corner of sections 28 and 33, as determined by a tie to United States Geological Survey triangulation station "TOM FOLLEY 1953", is as follows:

Latitude 43° 42' 27.49" N. Longitude 123° 32' 01.69" W.

The mean magnetic declination is 20° E.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T 21 S., R. 7 W., Willamette Meridian, Oregon