

County Surveyor's Record, Douglas County, Oregon

16581

T. 23 S., R. 7 W., Willamette Meridian, Oregon

CHAINS

The following field notes are those of the corrective dependent resurvey of a portion of the west boundary, the dependent resurvey of a portion of the subdivisional lines and a portion of the boundaries of Donation Land Claim No. 45, and subdivision of section 19, Township 23 South, Range 7 West, Willamette Meridian, Oregon.

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

The west boundary, the west four miles of the north and south boundaries of the township, a portion of the subdivisional lines, and the meanders of the Umpqua River were surveyed by Thomas H. Hutchinson, and Ambrose N. Armstrong in 1857-58.

The boundaries of Donation Land Claim No. 45 were surveyed by Dennis Hathorn in 1859.

A portion of the subdivisional lines was dependently resurveyed, and section 21 was subdivided by Floyd A. Brooks in 1963.

A portion of the west boundary of the township was dependently resurveyed by Floyd A. Brooks and Peter A. Peterson in 1964.

The boundaries of section 17 were dependently resurveyed and section 17 was subdivided by Floyd A. Brooks and Peter A. Peterson in 1965.

In August, 1979, while subdividing section 19, it was determined that the N. 1/16 section corner of sections 19 and 24, set by Peterson and Brooks, was out of position.

The resurvey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, the special instructions dated June 22, 1979, and supplemental special instructions dated September 21, 1979 under Group No. 987, Oregon.

The directions of the lines were determined from azimuths obtained by direct solar observations.

Preliminary to the resurvey, the lines of the original survey 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 at proportionate positions, 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 closures were chained twice to preclude error. Only those lines bounding or crossing public lands were blazed.

The geographic position of the corner of sections 19, 20, 29, and 30, as determined from a direct tie made to United States Coast and Geodetic Survey triangulation station "Kellogg 1953" is as follows:

Latitude: 43° 32' 55.07" N.
Longitude: 123° 33' 47.66" W.

The mean magnetic declination is 20° 00' E.