

County Surveyor's Record, Douglas County, Oregon

T. 24 S., R. 4 W., Willamette Meridian, Oregon

18665

CHAINS

The following field notes are those of the dependent resurvey of the line between sections 2 and 3, township 24 south, range 4 west, Willamette Meridian, Oregon.

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

A portion of the north boundary and subdivisional lines were surveyed by Harvey Gordon and Charles T. Gardner, U.S. Deputy Surveyors, in 1855.

A portion of the north boundary was retraced and a portion of the subdivisional lines was surveyed by Oscar F. Thiel, U.S. Deputy Surveyor, in 1896-97.

A portion of the north boundary was surveyed by Winfield S. Chapman and Carl S. Nicklin, U.S. Deputy Surveyors, in 1897.

A portion of the subdivisional lines was resurveyed by Lynn M. Roseberry, Cadastral Surveyor, in 1957.

A portion of the north boundary was resurveyed by James E. Jelley, in 1976.

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 2, 1988, for Group No. 1448, Oregon.

The direction of the line refers to the true meridian as determined by deflections from azimuths obtained by direct solar observations.

A Detectable Electronically Energized Particle (DEEP-1 TM) was buried as a memorial at the $\frac{1}{4}$ section corner of sections 2 and 3. 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 line of the original survey was retraced and search was made for all corners and other calls of the record. The $\frac{1}{4}$ section corner of sections 2 and 3 was 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. The line bounding public land was blazed. The line between sections 2 and 3 was measured twice.

The geographic position (NAD 1927) of the corner of sections 2 and 3 on the north boundary of the township, as determined from a tie to Douglas County Horizontal Control Station "CO. RD. No. 8 CON. MON. No. 3," established by the Douglas County Surveyor's Office in 1974, is as follows:

Latitude $43^{\circ} 31' 08.22''$ N. Longitude $123^{\circ} 08' 46.62''$ W.

The mean magnetic declination is 19° East.