

15640

T. 31 S., R. 5 W., Willamette Meridian, Oregon

CHAINS

The following field notes are those of the dependent resurvey of the east boundary, a portion of the north boundary, and a portion of the subdivisional lines, township 31 south, range 5 west, Willamette Meridian, Oregon.

The history of surveys that pertain to this resurvey is as follows:

The east boundary of the township was surveyed by Butler Ives and George W. Hyde, in 1854.

The north boundary of the township was surveyed by Nathaniel Ford, in 1854.

A portion of the subdivisional lines was surveyed, the east three miles of the north boundary, and the east boundary of section 1 were resurveyed by William H. Byars, in 1882.

Portions of the east boundary of the township were resurveyed and closing corners were established for township 31 south, range 4 west, by William M. Bushey, in 1894.

A portion of the subdivisional lines was resurveyed by Hans W. Thielsen, in 1955.

A portion of the north boundary and subdivisional lines were resurveyed by John M. Jelley, Lynn M. Roseberry, and Floyd A. Brooks, in 1966-68.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions dated September 15, 1972, for Group Number 800, Oregon.

The directions of the lines were determined by the solar transit method and by deflection angles turned from azimuths obtained by direct solar observations.

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 position, 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. All lines not forming closures were measured twice. Only those lines bounding or crossing public lands were blazed.

The geographic position of the corner of townships 31 and 32 south, ranges 4 and 5 west, as computed by bearing and distance tie to United States Coast and Geodetic Survey triangulation station "GAS 1963" at Latitude $42^{\circ} 54' 42.8183''$ N. and Longitude $123^{\circ} 15' 32.2411''$ W., located at N. $87^{\circ} 54' W.$, 15.16 chains distance from the $\frac{1}{4}$ section corner of section 2 only, on the north boundary of the township, is as follows:

Latitude $42^{\circ} 49' 30.0''$ N. Longitude $123^{\circ} 13' 37.7''$ W.

The mean magnetic declination is $19^{\circ} 30'$ E.

Dependent Resurvey of the East Boundary,
T. 31 S., R. 5 W., Willamette Meridian, Oregon