

County Surveyor's Record, Douglas County, Oregon

CHAINS

T. 24 S., R. 8 W.

The history of surveys of that portion of township 24 south, range 8 west, Willamette Meridian, Oregon, covered by this resurvey is as follows:

The south boundary of the township was surveyed by William H. Byars, in 1878. The west 3 miles of the south boundary were resurveyed and the subdivisions completed by Henry L. Chandler, in 1894. The west 4 miles of the south boundary were retraced, and closing corners for township 25 south, range 8 west, were established by Morris Wygant, in 1911. The south and west boundaries of section 34 were dependently resurveyed and certain original corner points were remonumented by Harold D. Corbin, in 1959.

The resurvey was made at the request of the Roseburg District Manager, for administrative purposes of the Bureau of Land Management.

Preliminary to the resurvey the lines of the original surveys are retraced and search is made for all corners and other calls of the record. Identified corners are remonumented in their original positions, lost corners are reestablished and remonumented at proportionate positions based on the official record. The retracement data is thoroughly verified and only the true line field notes are given herein. All lines are blazed.

The resurvey was executed with solar transits made by the W. and L. E. Gurly Company, serial numbers 580525 and 49635, constructed in accordance with standard specifications of the Bureau of Land Management. The instruments were in good condition, having been placed in satisfactory adjustment prior to beginning the resurvey. The instruments were tested and checked frequently during the course of the resurvey. Measurements were made on the slope with Lufkin steel tapes, 5 chains (330 feet) in length, graduated every link for the first 100 links and the balance at intervals of 10 links. The tapes were tested by comparison with a standard steel tape, 1 chain in length, and found correct. The vertical angle of each measurement made was ascertained by the use of two clinometers, in good adjustment, or the transits, when necessary. Only the horizontal equivalents of the measurements made are entered in the field note record.

The directions of the lines were determined by the solar transit method.

The geographic position of the southeast corner of section 33, as scaled from the Tyee, Oregon, quadrangle map, published by the United States Geological Survey, in 1955, is as follows:

Latitude $43^{\circ} 26.0' N.$ Longitude $123^{\circ} 38.5' W.$

The mean magnetic declination is $20^{\circ} 00' E.$

Dependent Resurvey of a Portion of the S. Bdy.,
T. 24 S., R. 8 W., Willamette Meridian, Oregon
(Restoring the 1878 survey by William H. Byars,
the 1894 resurvey by Henry L. Chandler, and the
1911 retracement by Morris Wygant)