

## County Surveyor's Record, Douglas County, Oregon

T. 24 S., R. 8 W.

CHAINS

The history of surveys of township 24 south, range 8 west, in the portion of the township covered by the resurvey, is as follows:

In 1878, William H. Byars surveyed the entire south boundary, in 1881, S. C. Flint retraced the east two miles of the south boundary, and in 1894, Henry L. Chandler surveyed a portion of the subdivisional lines and retraced the south boundary. In 1911, Morris Wygant retraced the south boundaries of Sections 31, 32, 33, and 34, and set closing corners for township 25 south, range 8 west.

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 survey are retraced and a 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 original record. The retracement data are thoroughly verified and only the true line field notes are given herein. Only lines bounding Federal lands are blazed.

The survey was executed with a solar transit made by W. and L. E. Gurley, serial number 580528, constructed in accordance with the standard specifications of the Bureau of Land Management. The instrument was in good condition, having been placed in satisfactory adjustment prior to beginning the survey. The instrument was also tested and checked frequently during the course of the survey. Measurements were made on the slope with a Lallie steel tape, five chains (330 feet) in length, graduated every link for the first 100 links and the balance at ten link intervals. The vertical angle of each measurement was ascertained by use of two clinometers in good adjustment. Only the horizontal equivalents of the measurements made are entered in the field note record. Tapes were tested by comparison with a standard steel tape, one chain in length, and found to be correct. All lines were double chained to verify the distance.

The directions of lines were determined by direct solar observations and by the solar compass method.

The geographic position of the southeast corner of Section 34, as scaled from the Tyee quadrangle map, prepared by the United States Geological Survey, in 1955, is as follows:

Latitude 43° 26.0' N.                      Longitude 123° 37.4' W.

The mean magnetic declination is 20°01' E.

Dependent Resurvey of a Portion of the S. Bdy., T. 24 S., R. 8 W.  
Willamette Meridian, Oregon  
(Restoring the 1878 survey by W. H. Byars,  
and the 1911 retracement by M. Wygant)

Beginning at the cor. of secs. 2, 3, 34, and 35, on the S. bdy. of the Tp., perpetuated and recorded by the County Surveyor, in 1958, monumented with an iron post, 1½ ins. diam., firmly set, 12 ins. above the ground, with brass cap mkd.

County Surveyors

T 24 S  
S 34 | S 35  
S 3 | S 2  
T 25 S  
Office  
1958