

T. 24 S., R. 7 W.

CHAINS

The history of surveys as related to the establishment of the closing cor. of secs. 1 and 2, T. 24 S., R. 7 W., is as follows:

Portion of the Subdivisional Lines, T. 24 S., R. 7 W.
Dennis Hathorn 1858

Portion of the South Boundary, T. 23 S., R. 7 W.
W. H. Byars 1881

The resurvey and survey was made at the request of the District Manager, Roseburg, Oregon.

Preliminary to the resurvey the lines of the original survey 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 original record. The retracement data are thoroughly verified and only the true line field notes are given herein.

The survey was executed with a solar transit made by W. & L. E. Gurley Co., serial number 461268, 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 Lufkin steel tape, five chains (330 feet) in length, graduated every link for the first 100 links, and the balance at intervals of ten links. The vertical angle of each measurement was ascertained by a clinometer when necessary. Only the horizontal equivalents of the measurements made are entered in the field note record. The tape was compared to a standard.

The directions of lines were determined by the transit method.

The geographic position of the $\frac{1}{4}$ sec. cor. of secs. 1 and 2, as taken from the Drain Quadrangle, Geological Survey, 1954, is as follows:

Latitude: $43^{\circ} 30\frac{1}{2}'$ N. Longitude: $123^{\circ} 29'$ W.

The mean magnetic declination is 20° E.

Dependent Resurvey and Extension of the Line Between
Sections 1 and 2, T. 24 S., R. 7 W.

Reestablishment of the Survey Executed by
Dennis Hathorn, Deputy Surveyor, in 1858.

The $\frac{1}{4}$ sec. cor. of secs. 1 and 2, monumented with an iron post, firmly set, protruding 6 ins. above ground, with brass cap mkd. T24S R7W $\frac{1}{4}$ S1 S2 County Surveyors Office 1958;

from which the original bearing trees:

A fir, 32 ins. diam., bears S. 25° E., 20 lks. dist.,
mkd. $\frac{1}{4}$ on exposed face.

A fir, 44 ins. diam., bears S. 10° W., 15 lks. dist.,
with healed blaze.

At the corner point

Set an iron post, 30 ins. long, 2 ins. diam., 22 ins. in the ground, and in a mound of stone, 3 ft. base to top, with brass cap mkd.