

# County Surveyor's Record, Douglas County, Oregon

T. 24 S., R. 6 W.

CHAINS

The history of surveys of the portion of township 24 south, range 6 west, W. M., Oregon, covered by this resurvey, is as follows:

The west boundary was surveyed by Robert Elder and Henry S. Gile in 1853. The subdivisional lines were surveyed by Williams R. Whipple in 1891. In 1893, Whipple retraced the west boundary of section 30.

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

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 distances, 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 resurvey 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, 5 chains (330 ft.) in length, graduated every link for the first 100 lks. and the balance at ten link intervals. The tape was tested by comparison with a standard steel tape, 1 chain in length, and found to be correct. The vertical angle of each measurement was ascertained by the use of a clinometer, or the transit when necessary. Only the horizontal equivalents of the measurements made are entered in the field note record.

The directions of lines were determined by direct solar observations.

The geographic position of the southeast corner of section 19, as scaled from the Sutherlin Quadrangle map, 1954, as prepared by the United States Geological Survey, is as follows:

Latitude 43° 27.7' N. Longitude 123° 26.7' W.

The mean magnetic declination is 20° E.

Dependent Resurvey of a Portion of the W. Bdy. of  
T. 24 S., R. 6 W., Willamette Meridian, Oregon  
(Restoring the 1853 Survey by Robert Elder  
and Henry S. Gile.)

The cor. of secs. 19 and 30 only, on the W. bdy of the Tp., is determined from the only remaining original bearing tree:

A fir, 52 ins. diam., bears N. 63° W., 49 lks. dist.,  
mkd. T24S R7W BT.

At the corner point

Set an iron post, 30 ins. long, 2½ ins. diam., 28 ins. in the ground, with brass cap mkd.

T 24 S  
R 7 W | R 6 W  
S 25 | S 19  
      | S 30  
      1962