

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

- 1 -

T. 21 S., R. 11 W.

CHAINS

The history of surveys in that portion of township 21 south, range 11 west, Willamette Meridian, Oregon, covered by the resurvey is as follows:

William W. Thiel, surveyed the township subdivisional lines in 1891 except for portions of sections 25 and 36. The west and south boundaries of section 13 were resurveyed by Thomas A. Tillman in 1957, at which time a tie was made to the corner of sections 15, 16, 21 and 22, as a control in the reestablishment of the corner of sections 13, 14, 23, and 24.

The resurvey and subdivision of section 22 was made at the request of the Coos Bay District Manager to facilitate the determination of a timber trespass.

The following field notes embrace the dependent resurvey of a portion of the subdivisional lines and subdivision of section 22, township 21 south, range 11 west, Willamette Meridian, 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. Only the lines bounding Federal lands are blazed.

The survey was executed with a solar compass made by W. and L. E. Gurley Company, serial Number 11953, 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 Dietzgen steel tape, two chains (132 ft.) in length, graduated every link throughout the entire length. The vertical angle of each measurement made was ascertained by use of two clinometers in good adjustment. A plumb bob was used at each end of the tape. Only the horizontal equivalents of the measurements made are entered in the field note record. The tape was compared to a standard steel tape, one chain in length, and found to be correct. Lines not closed upon were chained twice to eliminate possible error.

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

The geographic position of the southeast corner of section 22, as scaled from the Geological Survey Quadrangle Map, Scottsburg, prepared in 1955, is as follows:

Latitude 43°43.5' N.

Longitude 123° 59.1' W.

The mean magnetic declination is 19°48' E.

Chains

Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 21 S., R. 11 W., Willamette Meridian, Oregon  
(Restoring the 1891 Survey by William W. Thiel)

From the cor. of secs 22, 23, 26, and 27, monumented with a sand stone boulder, 28 x 14 x 6 ins., firmly set, 20 ins. in the ground, with faint notches visible on S. and E. edges.

At the corner point:

Set an iron post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, to solid rock, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.