

# County Surveyor's Record, Douglas County, Oregon

T. 22 S., R. 8 W.

CHAINS

The history of surveys in that portion of township 22 south, range 8 west, Willamette Meridian, Oregon, covered by the resurvey is as follows:

A survey of Donation Claims was made by Dennis Hathorn in 1856 including claims in sections 28, 29 and 33. A portion of the subdivisional lines were surveyed by William H. Byars in 1881.

The resurvey was made at the request of the Coos Bay District Manager to facilitate the obtaining of easements for access roads and to make possible the sale of timber within sections 29 and 32.

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 tested and checked frequently during the course of the survey. Measurements were made on the slope with a dietzgen steel tape, two chains (132 feet) in length, graduated every link throughout the entire length. The vertical angle of each measurement was ascertained by use of two clinometers in good adjustment. Plumb-bobs were used at both ends of the tape. Only the horizontal equivalents of the measurements made are entered in the field note record. The tape was tested by comparison to a standard steel tape, one chain in length, and found to be correct. All lines were chained twice to eliminate possible error.

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

The geographic position of the corner of sections 28, 29, 32 and 33, as scaled from the Elkton Quadrangle, prepared by United States Geological Survey in 1955, is as follows:

Latitude 43° 37.2' N.                      Longitude 123° 39.1' W.

The mean magnetic declination is 19° 58' E.

Dependent Resurvey of Portion of Subdivisional Lines,  
T. 22 S., R. 8 W., Willamette Meridian, Oregon,  
(Restoring the 1881 Survey by William H. Byars)

The  $\frac{1}{4}$  sec. cor. of secs. 31 and 32, determined at record bearing and distance from the only remaining original bearing Tree:

A fir, 30 ins. diam., bears N. 25° E., 15 lks. dist., with opened and rotted blaze. I open further and uncover illegible fragments of scribe marks,

At the corner point

Set an iron post, 28 ins. long, 2 $\frac{1}{2}$  ins. diam., 24 ins. in the ground, with brass cap mkd.

$\frac{1}{4}$   
S 31 | S 32  
T22S R8W  
1960

*Fd. U.K.  
R.K.  
M*  
*by:  
LUCKMAN  
6-10-62  
92-54*