

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

T. 22 S., R. 4 W.

CHAINS

The portions of the subdivisional lines resurveyed in township 22 south, range 4 west, were surveyed by Harvey Gordon and Charles T. Gardner in 1855.

The survey 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 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 public land were blazed.

The survey was executed with a solar transit made by W. and L. E. Gurley Co., serial number 49635, 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 feet) in length, graduated every link for the first one hundred links, and the balance at ten link intervals. The vertical angle of each measurement 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 tested by comparison with a standard steel tape, one chain in length, and found to be correct. All lines not forming closures were chained twice.

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

The geographic position of the southeast corner of section 20, as scaled from the Anlauf, Oregon, quadrangle map, published by Geological Survey in 1954, is as follows:

Latitude 43° 38.1' N.      Longitude 123° 11.1' W.

The mean magnetic declination is 20° 15' E.

Dependent Resurvey of a Portion of the Subdivisional  
Lines of T. 22 S., R. 4 W., Willamette  
Meridian, Oregon  
(Restoring the 1855 survey by Harvey  
Gordon and Charles T. Gardner)

Beginning at the  $\frac{1}{4}$  sec. cor. of secs. 9 and 10, perpetuated and recorded by Deputy County Surveyor James W. Byron in 1958, monumented with an iron post, 1 in. diam., firmly set, protruding 12 ins. above ground with brass cap marked

COUNTY SURVEYOR'S OFFICE

T 22 S

$\frac{1}{4}$  S 9 | S 10

R 4 W  
1958