

County Surveyor's Record, Douglas County, Oregon

T. 22 S., R. 6 W.

CHAINS

The history of surveys in that portion of township 22 south, range 6 west, Willamette Meridian, Oregon, covered by this resurvey is as follows:

A portion of the subdivisional lines were surveyed in 1856 by Harvey Gordon and Charles T. Gardner. In 1871, William H. Byars surveyed another portion of the subdivisional lines and in 1897, the remainder of the subdivisional lines were completed by Carl S. Nicklin.

The resurvey 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 retrace-ment 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. and L. E. Gurley Company, serial number 49635, and a solar transit made by Buff and Buff Company, serial number 33385, constructed in accordance with standard specifications of the Bureau of Land Management. The instruments were in good condition, having been placed in satisfactory adjustment prior to beginning the survey. The instruments were 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 100 links and the balance at intervals of 10 links. The vertical angle of each measurement was ascertained by the use of two clinometers in good adjustment. The tape was tested by comparison with a standard steel tape, 1 chain in length, and found correct. Only the horizontal equivalents of the measurements made are entered in the field note record. Only those lines bounding, or crossing, public lands are blazed.

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

The geographic position of the corner of sections 26 and 35 only, on the E. bdy. of sec. 34, as scaled from the Drain, Oregon quadrangle map published by Geological Survey, in 1954, is as follows:

Latitude $43^{\circ} 37.3' N.$ Longitude $123^{\circ} 23.2' W.$

The mean magnetic declination is $20^{\circ} 36' E.$

Dependent Resurvey of a portion of the Subdivisional
Lines, T. 22 S., R. 6 W.,
Willamette Meridian, Oregon
(Restoring the 1856 survey by Harvey Gordon and
Charles T. Gardner, the 1871 survey by
William H. Byars, and the 1897 survey by
by Carl S. Nicklin.)

The cor. of secs. 26 and 35 only, on the E. bdy. of sec. 34, perpetuated and recorded by Wilford N. Haines, Registered Land Surveyor, No. 239, monumented with a