

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

1

T. 24 S., R. 7 W.

CHAINS

The history of surveys of township 24 south, range 7 west, in that portion covered by this resurvey, is as follows:

The east boundary of township 24 south, range 7 west, was surveyed by Henry S. Gile in 1853; the south boundary of township 23 south, range 7 west, was surveyed in 1881 by W. M. Byars.

The resurvey was made at the request of the Roseburg District Manager 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 positions based on the original record. The retracement data are thoroughly verified and only the true line field notes are given herein.

The resurvey was executed with a solar compass made by W. and L. E. Gurley, serial number 10385, constructed in accordance with the standard specifications of the General Land Office. 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 Lallie steel tape, two chains (132 feet) in length, graduated every link, and a Lallie steel tape, five chains (330 feet) in length, graduated every link for the first 100 links, and the balance at ten link intervals. The tapes were tested by comparison with a standard steel tape, one chain in length, and found to be correct. The vertical angle of each measurement made was ascertained by the use of two clinometers. Only the horizontal equivalents of the measurements made are entered in the field note record.

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

The geographic position of the corner of sections 1, 6, 7, and 12, on the east boundary of the township, as scaled from the Drain quadrangle map, prepared by the United States Geological Survey, in 1954, is as follows:

Latitude 43° 30.3' N.                      Longitude 123° 27.8' W.

The mean magnetic declination is 20° E.

Chains

Dependent Resurvey of a Portion of the E. Bdy., T. 24 S., R. 7 W.,  
Willamette Meridian, Oregon  
(Restoring the 1853 survey by Henry S. Gile)

The cor. of secs. 1, 6, 7, and 12, on the E. bdy. of the Tp., determined at record bearing and distance from the two remaining original bearing trees:

A fir, 55 ins. diam., bears S. 89 $\frac{3}{4}$ ° E., 64 lks. dist.,  
mkd. with a healed blaze.

A fir, 44 ins. diam., bears S. 89° W., 62 lks. dist.,  
with scribe marks B T visible on an opened blaze.

At the corner point

Set an iron post, 3 ft. long, 2 ins. diam., 18 ins. in the ground,  
and in a mound of stone, 4 ft. base, to top, with brass cap mkd.