

T. 28 S., R. 9 W., Willamette Meridian, Oregon

CHAINS

The history of surveys in the portion of township 28 south, range 9 west, covered by the resurvey, is as follows:

The east boundary and the east two and one-half miles of the south boundary of the township were surveyed by Dennis Hathorn in 1855. The subdivisional lines were surveyed by W. S. Chapman in 1875.

The resurvey was made at the request of the Coos Bay 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 true line field notes are given herein.

The survey was executed with a solar compass made by Young and Sons, serial number 8233, 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. Measurements were made on the slope with a Dietzgen steel tape, two chains (132 feet) in length, graduated every link for the entire length. Plumb bobs were used on both ends of the tape, and the vertical angle of each measurement was ascertained by use of two clinometers in good adjustment. 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.

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

The geographic position of the southeast corner of the township as determined from the Camas Valley quadrangle sheet of the United States Geological Survey, 1955, is as follows:

Latitude 43° 05.0' N. Longitude 123° 42.0' W.

The mean magnetic declination is 20° 08' E.

Dependent Resurvey of a Portion of the South Boundary,
T. 28 S., R. 9 W., Willamette Meridian, Oregon
(Restoring the 1855 survey by Dennis Hathorn)

Beginning at the cor. of Tps. 28 and 29 S., Rs. 8 and 9 W., recorded by J. W. Byron, Deputy County Surveyor, in 1957, previously perpetuated with an iron pipe, $\frac{3}{4}$ in. diam., firmly set, 14 ins. above ground, from which the remaining original bearing tree:

A sawed and rotted fir stump, 24 ins. diam., bears N. 86 $\frac{1}{2}$ ° W., 36 lks. dist., with scribe marks S 8 W visible on chip of old face.

and locally established bearing trees

A cedar, 24 ins. diam., bears N. 1 $\frac{3}{4}$ ° E., 131 $\frac{1}{2}$ lks. dist., mkd. BT S31 R8W T28S.

A fir, 6 ins. diam., bears N. 76° E., 32 lks. dist., mkd. BT S31 R8W.

A fir, 7 ins. diam., bears S. 6 $\frac{1}{2}$ ° W., 34 $\frac{1}{2}$ lks. dist., mkd. BT S1 T29S R9W.