

County Surveyor's Record, Douglas County, Oregon

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T. 22 S., R. 8 W.

CHAINS

The history of surveys in that portion of Township 22 south, Range 8 West, W. M., Oregon, covered by this resurvey is as follows:

A portion of the south boundary and a portion of the subdivisional lines were surveyed by Harvey Gordon and Charles T. Gardner in 1855. In 1881, William H. Byars completed the survey of the south boundary and at that time he completed the survey of the subdivisional lines. The closing corners on the south boundary of the township were established by Williams R. Whipple in 1894. In 1960 Floyd A. Brooks resurveyed a portion of the subdivisional lines.

The resurvey was made at the request of the Coos Bay 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 or crossing public lands are blazed.

The survey was executed with a solar compass, made by W. and L. E. Gurley Co., 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 also tested and checked frequently during the course of the survey. Measurements were made on the slope with a Lallis Steel Tape, 5 chs. (330 ft.) in length, graduated every link for the first 100 links, with the balance at ten link intervals. The vertical angle of each measurement made 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. Lines not forming closures were chained twice to verify the distances.

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

The geographic position of the southeast corner of section 33, as scaled from the Elkton Quadrangle Map, prepared by the United States Geological Survey, in 1955, is as follows:

Latitude $43^{\circ} 36.4'$ N. Longitude $123^{\circ} 38.6'$ W.

The mean magnetic declination is $20^{\circ} 17'$ E.

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

The cor. of secs. 33 and 34 only, on the S. bdy. of the Tp., determined at the intersection of waven wire fences extending N. & E. and a picket fence extending W. Local residents state that these fences were located when the original corner was in existence and that the fence corner now marks the true position for the sec. cor., from which the remains of an original bearing tree:

A rotted fir stump, 26 ins. diam., bears N. 26° E., 558 lks. dist., with old axe marks but no scribe marks visible on the badly decayed face of blaze. (Record Dist., 548 lks.)

At the corner point