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County Surveyor's Record, Douglas County, Oregon

T. 25 S., R. 4 W., Will. Mer., Oregon
 Resurveyed By Irving Zirpel, Jr., Lynn M. Roseberry, and Harold D.
 Corbin, Cadastral Surveyors.
 Under Special Instructions dated July 8, 1957 and July 15, 1958.

CHAINS

The history of surveys of Township 25 south, range 4 west, is as follows:

The west boundary was surveyed in 1851 by Jas. C. Freeman. The north boundary, south boundary, north two miles of the east boundary, and a portion of the subdivisional lines were surveyed by Gordon and Gardner in 1855 and 1856. The south 4 miles of the east boundary and completion of the subdivisional lines were surveyed in 1871 by Wm. H. Byars. The east boundary was dependently resurveyed in 1943 by Norman D. Price. Section 16, 17 and 19 are invaded by donation land claims as shown on the plat approved March 5, 1862.

The resurvey was made at the request of the Roseburg District Forester 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 notes are given herein.

The resurvey was executed with solar compasses made by Young and Sons, serial numbers 8510, 8401, and 8233, constructed in accordance with the standard specifications of the of the General Land Office. 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 Dietzgen steel tapes, two chains (132 feet) in length, graduated every link, and Lallie steel tapes, five chains (330 feet) in length, graduated every link for the first 100 links, and the balance at ten link intervals. The vertical angle of each measurement was ascertained by use of a clinometer, when necessary. Only the horizontal equivalents of the measurements made are entered in the field note record. Tapes were compared to a standard.

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

The geographical position of the southeast corner of the township, as computed from a direct tie to the United States Coast and Geodetic Survey triangulation station, BANKS, 1953, is as follows:

Latitude $43^{\circ} 20' 32.1''$ N. Longitude $123^{\circ} 06' 29.3''$ W.

The mean magnetic declination is $20^{\circ} 14'$ E.

Dependent Resurvey of Portion of the South Boundary, T. 25 S.,
 R. 4 W., Willamette Meridian, Oregon.
 (Restoring the 1855 and 1856 Survey by Gordon and Gardner)

Beginning at the point for the cor. of secs. 1, 2, 35, and 36, on S. bdy. of the Tp., at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 26 ins. in the ground, and in a mound of stone, 2 ft. base, $1\frac{1}{2}$ ft. high, with brass cap marked

T25S R4W
 S 35 | S 36
 S 2 | S 1
 T26S
 1957

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