

County Surveyor's Record, Tillamook County, Oregon

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as above, is necessary to determine its corrected positions for determining 1/16 corners along the east and south line of Section 36, T3S, R9W, and the south line of Section 31 in T3S, R8W (see detail of this plan on plat).

The above determination is based in part on my study of the situation and interpretation of the rules of survey as set forth in the "Manual of Instructions for the Survey of the Public Lands of the United States--1947" and "Boundary Control and Legal Principles" by Curtis M. Brown. Consultation with the Cadastral Engineer's office in Portland, Oregon (Mr. William W. Glenn) was sought and used, although no formal opinion was asked for.

A closed traverse beginning at the corner to T3 and 4S, R9 and 10W, running east to the corner of T3 and 4S, R8 and 9W, then westerly to the beginning, was made using electronic distance measuring equipment and a 1" theodolite. Two or three courses were measured with a steel tape. Angular error of closure equaled 1"/angle. Linear error ratio was 1:11,320.

Corners which were established or reestablished during this retracement, and the method used, were as follows:

W 1/16 Corner on the North Line of Section 6--1/4 distance from the corner to T3 and 4S, R9 and 10W, and the closing corner to 5 and 6, T4S, R9W, on line between the above township corner and the S 1/4 corner of Section 31, T3S, R9W.

S 1/4 Corner of Section 32--proportionately reestablished based on the retracement by Samuel Caudle. As noted above, Branson made no mention as to whose 1/4 corner he found. Therefore, I cannot accept the proportioned corner as reestablished by Russell.

N 1/4 Corner to Section 4--midpoint distance between the closing corners to Sections 3 and 4 and Sections 4 and 5 on the Township Line.

S 1/4 Corner of Section 34--proportionately reestablished from the retracement by Samuel Caudle.

N 1/4 Corner of Section 3--established at the midpoint between the closing corner to Sections 2 and 3 as established by William Douglass and the closing corner to Sections 3 and 4 as established by Branson on the Township Line.