

In the course of closing this survey of the range line South of the township corner, the South quarter corner and the Southeast section corners of Section 7 were found and tied. The East line of this section was found to be N. $0^{\circ} 28' 53''$ W., 5105.26 feet between corners.

The search for the North quarter corner of Section 6 was conducted in three places, mid-way between the North section corners, also 40 chains West of the Northeast section corner, and also 40 chains East of the Northwest section corner (township corner). The original corner was not found, and its relocation was established at the single proportionate distance between the line connecting the North section corners.

The East quarter corner for Section 6 was reestablished at a point North of the Southeast section corner at a distance corresponding to the original surveyor's distance determined by the average of the length of East line of Southeast quarter of Sections 5 and 3. This method replaces the corner as closely as possible to the position occupied by the original corner. Single proportionate measurements at this location will not result in a relocation consistent with the original surveyor's pattern. Reference is hereby made to the 1973 Manual of Surveying Instructions: Sec. 5-20 concerning lost corners and Sec. 5-46 concerning surveys having fictitious field notes or for grossly erroneous surveys.

For the subdivision of Section 36, T. 6 S., R. 43 E., W.M., I ran a random traverse North from the township corner and at 2670 feet I discontinued this North course, as none of the topographic calls in the original survey notes fit the ground. From this point a reconnaissance continuing North in search of a creek called for in the original notes at 79.90 chains ended in a location about 750 feet East of the creek. I then turned West to the creek and traversed downstream, searched for and found the Section 25 and Section 30 bearing trees, 36-inch and 30-inch diameter respectively. A survey of the line between the township corner and this found corner results in a distance and bearing of N. $10^{\circ} 27' 28''$ W., 5893.68 feet, recorded in the G.L.O. notes of 1884 as being North 80 chains (5280 ft.). The quarter corner between these corners could not be found and is relocated at the single proportionate distance, but is not monumented.

I then traversed from the West quarter corner of Section 36, marked by a $2\frac{1}{2}$ -inch aluminum cap on a 1-inch iron pipe reference monument set by the county surveyor in September, 1965, North to the Northwest corner of Section 36. I found the original stone and Sections 25, 26 and 36 bearing trees and re-marked the corner with a $2\frac{1}{2}$ -inch brass cap on a 1-inch iron post.

The township line between T. 6 and 7 S., R. 43 E., W.M. was searched for corners and the nearest found corner was the Southwest of Section 34, witnessed by Sections 27, 28 and 33 bearing trees. The firm of Wallulis and Associates, Inc., of Pendleton, Oregon is under contract with the U. S. Forest Service to monument this corner. In conference with the Wallulis party chief, Bill Wells, it was determined and agreed that the corners between this found corner and the township corner should be proportioned, as neither survey party was able to recover any of the original monumentation for these corners.

Sections 5 and 6, T. 7 S., R. 44 E., W.M. and Section 36, T. 6 S., R. 43 E., W.M. were then subdivided and the Collins Pine Co. property corners marked with $5/8$ -inch x 30-inch steel bars.

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BAKER COUNTY SURVEYOR
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