

Survey of Portion of Subdivisional Lines of  
T. 3 S., R. 10 W.

Chains.	<p>A hemlock, 38 ins. diam., bears S. 81° E., 14 lks dist., mkd. <math>\frac{1}{4}</math> S 5 B T.</p> <p>A hemlock, 6 ins. diam., bears S. 30° W., 13 lks dist., mkd. <math>\frac{1}{4}</math> S 5 B T.</p> <hr/> <p>To complete the survey of sec. 6, I start from the <math>\frac{1}{4}</math> cor. of sec. 31 only, T. 2 S., R. 10 W., heretofore described, and run</p> <p>N. 88° 35' E., on the N. bdy. of sec. 6.</p> <p>16.61 At 40.00 chs. in westing from the closing cor. of sec. 5 and 6.</p> <p>Set an iron post, 3 ft. long, 1 in. diam., 27 ins. in the ground, for <math>\frac{1}{4}</math> sec. cor. of sec. 6 only, with b cap mkd.</p> <p style="text-align: center;"><math>\frac{1}{4}</math> S 6</p> <p style="text-align: center;">1933</p> <p>from which</p> <p>A hemlock, 10 ins. diam., bears S. 2° E., 32 lks dist., mkd. <math>\frac{1}{4}</math> S 6 B T.</p> <p>A hemlock, 16 ins. diam., bears S. 50° W., 23 lks dist., mkd. <math>\frac{1}{4}</math> S 6 B T.</p>
	<p style="text-align: center;">FINAL TEST OF SOLAR ATTACHMENT.</p> <p>May 10: In camp located in the NE. cor. of sec. 24 T. 2 S., R. 10 W., in latitude 45° 23' 47" N., longitude 123° 51' W., at 7h 0m a. m., app. t., I set off 45° 24' on the lat. arc; 17° 38' N., on the decl. arc; and oriented the instrument with the solar; the line of sight agreed with the meridian established by Polaris observation.</p> <p>At 5h 0m p. m., app. t., I set off 45° 24' N., on the arc; 17° 45' N., on the decl. arc; and repeat the test the solar; the line of sight agrees with the meridian established by Polaris observation.</p>
	<p style="text-align: center;">GENERAL DESCRIPTION.</p> <p>The land in secs. 4, 5, and 6, T. 3 S., R. 10 W., Mer., is rolling mountainous; ranging in elevation from about 100 ft. to 1000 ft. above sea level. The soil is a sandy loam, 3rd rate.</p> <p>These secs. are located in the Siuslaw National Forest. They are covered with a heavy growth of hemlock, spruce, cedar, alder, and some fir and pine. And a dense undergrowth of vinemapple, salal, fern, Devil's club, alder, and wild blackberry.</p> <p>Title to the <math>\frac{1}{2}</math> and the NE <math>\frac{1}{4}</math> of sec. 4; the SE <math>\frac{1}{4}</math> sec. 5 and the SW <math>\frac{1}{4}</math> sec. 6 has passed from the Government.</p> <p>A trail crosses the NW. part of sec. 6, near the western boundary.</p> <p>The average of a considerable number of readings from all parts of these secs. gives a value of 21° 35' E. for the mean magnetic declination. There is a range of 2' in local attraction.</p>