

Dependent Resurvey of the Sub. of T. 25 S., R. 3 W.

## CHAINS

43° 25' 30" N., on the lat. arcs; 0° 13' 30" N., on the decl. arcs; and orient the instruments with the solars; the lines of sight agree with the meridian established by Polaris observation.

At 4h 00m p.m., app.t., I set off 43° 25' 30" N., on the lat. arcs; 0° 05' 30" N., on the decl. arcs; and repeat the test of the solars; the lines of sight agree with the meridian established by Polaris observation.

September 22, 1944.

## GENERAL DESCRIPTION.

Township 25 South, Range 3 West is principally a mountainous area with a general elevation of about 1,500 ft. above sea level. The lowest elevation in the township, about 710 ft. above sea level, is found where Calapooya Creek leaves the township on the W. bdy. of sec. 6. The highest elevation in the township, 4,247.44 ft. above sea level, is found on top of Scott Mountain. A sheer precipice of about 700 ft. is found on the W. side of this mountain. Other towering precipices are found on the lines bet. secs. 13 and 24, and 34 and 35. Several points on the ridge extending northeasterly from Scott Mountain attain an elevation of more than 4,000 ft. above sea level. Yellow Butte, found in secs. 19, attains an elevation of about 2,510 ft. above sea level. Copeland Butte, found in sec. 30, attains an elevation of about 2,850 ft. above sea level. A peak in sec. 34 attains an elevation of about 3,000 ft. above sea level. The soil of most of this Tp. is very good and well adapted to timber culture. Several small level marshes with very fertile soil are found in this township. A heavy stand of fir, hemlock, cedar, alder, maple, yew, chinquapin, madrona, pine, dogwood, and oak timber is found over most of this area. There is a dense undergrowth of vinemaple, salal, salmonberry, bracken, poison oak, willow, arrowwood, manzanita, slickleaf, lilac, hazel, thimbleberry, huckleberry, Oregon grape, and syringa.

Rock Creek, about 150 lks. wide, found in sec. 36, is the largest stream in this township. Hinckel Creek, about 25 lks. wide, drains most of the northern portion of this Tp. All the numerous streams found in this area are cold turbulent mountain streams.

The timber in this township is being logged very rapidly. Logging roads are being constructed with great speed into even the roughest terrain found in the township. These logging roads sometimes have very steep grades. Most of them are ballasted with coarse crushed rock and surfaced with fine crushed rock most of which comes from quarries found in secs. 9 and 21. A lookout station, consisting of a small house on 60 ft. tower and a small cabin for living quarters, is maintained and operated by the Douglas County Fire Patrol Association. Trails and telephone lines to and from this lookout station are found along the high ridge extending in a northeasterly direction, and also in a southerly direction from Scott Mountain. A telephone line used by loggers and fire patrols is found along the main logging road in northern portion of the township, extends across part of sec. 21, and connects with the telephone line to the lookout. A logging camp is found in sec. 5. Power lines which serve the various logging camps and settlers in this vicinity are found in secs. 5 and 6. Dim trails found in the western portion of the township are good routes through the country but are somewhat overgrown, neglected, and reminiscent of the era when some of this area was homesteaded.

There are three settlers in the township who have small fields in cultivation; one in sec. 5, and two in sec. 31