

County Surveyor's Record, Douglas County, Oregon

Subdivision of Part of T. 30 S., R. 1 E.

CHAINS

off $42^{\circ} 58'$ N., on the lat. arcs; $10^{\circ} 5'$ 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 0m p.m., app. t., I set off $42^{\circ} 58'$ N., on the lat. arcs; $9^{\circ} 58'$ N., on the decl. arcs; and repeat the tests of the solars; the lines of sight agree with the meridian established by Polaris observation.

August 27, 1939.

GENERAL DESCRIPTION

The east half of Township 30 South, Range 1 East, which is in the Umpqua National Forest, consists, for the most part, of quite rough mountainous land. The elevation varies from about 1,800 ft. above sea level, where Jackson Creek crosses the line between sections 9 and 10, to about 5,400 ft. above sea level in the southeast portion of section 35. The soil is a shallow, loose sandy loam of sandy clay that produces a good growth of vegetation. None of the east half of the township is suitable for agricultural purposes except grazing. And, with the exception of the area in the immediate vicinity of Squaw Flat and that along Jackson Creek, it is too heavily timbered and rough to be of much value for grazing purposes. Practically all of the township is covered with a dense growth of vinemaple, rhododendron, huckleberry, young fir, hemlock, and cedar, manzanita, slickleaf, hazel, spirea, syringa, willow, Oregon grape, and bracken.

The timber is predominantly Douglas fir, but there are also considerable quantities of white, silver, and Noble fir, yellow, sugar, and white pine, incense and red cedar, madrona, oak, chinquapin, yew, and ash. Part of this timber is of commercial size and quality, but at the present time is inaccessible.

There are no apparent indications of mineral deposits nor has there been any diligent prospecting.

The entire east half of the township is drained by Jackson Creek and its tributaries. There are no settlements or improvements except the North and South, Jackson Creek, and Bald Ridges Trails. The location of the trails were ascertained by notation of the intersections of the section boundaries.

The magnetic variation has a range from $19\frac{1}{2}^{\circ}$ E. to $22\frac{1}{2}^{\circ}$ E.; the mean of numerous observations is $21\frac{1}{4}^{\circ}$ E.