

T. 31 S., R. 5 W., W. M., Ore.

CHAINS

The history of surveys of township 31 south, range 5 west, is as follows:

<u>Part Surveyed</u>	<u>Original Survey By and Date</u>	
North Boundary	G. W. Hyde	1855
South "	" " "	"
East "	" " "	"
West "	" " "	"
Subdivisions	W. P. Wright	1878
Subdivisions	W. H. Byars	1882

The resurvey was made at the request of the District Forester of the Roseburg Forest District, Bureau of Land Management.

Preliminary to the resurvey the lines of the original survey are retraced and search is made for all corners and other calls of the record. Identified corners are remonumented in their original positions, lost corners are reestablished and remonumented at proportionate positions based on the original record. The retracement data are thoroughly verified and only the true line field notes are given herein.

The survey was executed with a solar compass made by Young and Sons, serial number 8411, constructed in accordance with the standard specifications of the Bureau of Land Management. The instrument was in good condition, having been placed in satisfactory adjustment prior to beginning the survey. The instrument was also tested and checked frequently during the course of the survey. Measurements were made on the slope with a Dietzgen steel tape, two chains (132 feet) in length, graduated every link for its entire length. The vertical angle of each measurement was ascertained by a clinometer when necessary. Only the horizontal equivalents of the measurements made are entered in the field note record. The tape was compared to a standard.

The directions of the lines were determined by solar compass method.

The geographic position of the southeast corner of section 35 as given in the special instructions is as follows:

Latitude $42^{\circ}49\frac{1}{2}'$ N. Longitude $123^{\circ}15'$ W.

The mean magnetic declination is $19\frac{1}{2}^{\circ}$ E.

Dependent Resurvey, Portion of South Bdy., T. 31 S., R. 5 W.
(Restoring the 1855 survey of Lake and Hyde)

Beginning at the cor. of secs. 1, 2, 35 and 36 on the S. bdy. of the Tp., determined at record bearing and distance from the remaining original bearing tree:

A madrona, 36 ins. diam., bears S. 40° W., 14 lks. dist., with marks S 2 uncovered.

and a bearing tree which does not agree with the record:

A cedar, 14 ins. diam., bears S. 14° E., 16 lks. dist., marked T 32 S R 5 W S 1 BT. The blaze faces the remonumented corner point.

At the corner point

Set an iron post, 36 ins. long, 2 ins. diam., 30 ins. in the ground, with brass cap marked