

County Surveyor's Record, Douglas County, Oregon

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T. 19 S., R. 9 W.

CHAINS

The history of surveys in township 19 south, range 9 west, is as follows:

<u>Part Surveyed</u>	<u>Original Survey By & Date</u>	<u>Resurvey By & Date</u>
North Boundary	Gordon & Gardner 1855	H. L. Chandler 1899
South Boundary	William Thiel 1891	H. L. Chandler 1899
	Henry L. Chadler 1899	Fred Mensch 1921-22
East Boundary	Charles M. Collier 1891	Tillman & Gawron 1953
West Boundary	Henry L. Chandler 1899	
Subdivision	Henry L. Chandler 1899	

The resurvey was made at the request of the Coos Bay District Manager, for the administrative purposes of the 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. Quarter section corners on the east and west boundaries and one-sixteenth section corners on some of the lines are established at positions based on the original plat.

The survey was executed with a solar compass made by Young and Sons, serial number 8460 and a solar transit made by W. and L. E. Gurley Co., serial number 371542, constructed in accordance with the standard specifications of the Bureau of Land Management. The instruments were in good condition, having been placed in satisfactory adjustment prior to beginning the survey. The instruments were also tested and checked frequently during the course of the survey. Measurements were made on the slope with a Lufkin steel tape, five chains(330 feet) in length, graduated every link for the first 100 lks, with the balance marked at intervals of ten lks., and a Dietzgen steel tape, two chains(132 ft.) in length, graduated every link. The vertical angle of each measurement was ascertained by use of two clinometers in good adjustment. Only the horizontal equivalents of the measurements made are entered in the field note record. The tapes were compared to a standard steel tape, one chain in length and found to be correct.

The direction of lines were determined by the transit and solar compass methods.

The geographic positions of the southeast corner of the township as scaled from the quadrangle map, ROMAN NOSE MTN., 1945, issued by the Geological Survey, is as follows:

Latitude $43^{\circ} 52.2' N.$ Longitude $123^{\circ} 42.1' W.$

The mean magnetic declination is $20^{\circ} 12' E.$

Dependent Resurvey of a Portion of the W. Edy., T. 19 S., R. 8 W.
(Restoring the 1891 Survey by Charles M. Collier)

Beginning at the $\frac{1}{4}$ sec. cor. of sec. 31 only, on the W. bdy. of T. 19 S., R. 8 W., monumented with an iron post, 1 in. diam., 3 ins. above ground, firmly set, marked and witnessed as described in the official record.

N. $0^{\circ} 25' E.$, along the W. bdy. of sec. 31, marking and blazing the true line.