

- 1 -

County Surveyor's Record, Douglas County, Oregon

T. 19 S., R. 8 W., Willamette Meridian, Oregon

CHAINS

The history of surveys of Township 19 South, Range 8 West is as follows:

<u>Part Surveyed</u>	<u>Original Survey By & Date</u>	<u>Resurvey By & Date</u>
South Boundary	William P. Wright 1883	
South Bdry. Secs. 31 - 35		Charles M. Collier-1891
Subdivision	Charles M. Collier 1891	

The resurvey was made 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. Indetified 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 resurvey was executed with W. & L. E. Gurley solar compasses Nos. 11953 and "Memo D" which are constructed in accordance with the standard specifications of the General Land Office. The instruments were in good condition, having been placed in satisfactory adjustment prior to beginning the resurvey, and were tested and checked frequently during the course of the survey. Measurements were made on the slope with Lallie steel tapes, two chains (132 feet) in length, graduated every link. The vertical angle of each measurement was ascertained with clinometers in proper adjustment. Only the horizontal equivalents of the measurements made are entered in the field note record. The tapes were found to be correctly graduated when compared to a standard steel tape.

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

The geographic position of the southeast corner of the township as computed from map data furnished with the Special Instructions is as follows:

Latitude $43^{\circ} 51' 45''$ N. Longitude $123^{\circ} 34' 45''$ W.

These values were also checked by a series of altitude observations of the sun for latitude and time, on a meridian established by Polaris Observation.

The mean of observed magnetic declinations is $20^{\circ} 14' E$.

Dependent Resurvey of a Portion of the South Boundary, T. 19 S.,
R. 8 W., Willamette Meridian, Oregon.

(Restoration of the 1883 survey of William P. Wright
and the 1891 resurvey of Charles M. Collier.)

From the cor. of Twp. 19 and 20 S., R. 8 W., which is monumented with an iron post, 3 ins. diam., firmly set, marked and witnessed as described in the field notes of the resurvey of the E. bndry. of T. 19 S., R. 8 W.

N. $89^{\circ} 13'$ W., along the S. boundary of sec. 36, marking and blazing the true line.

Descent 41 feet over a SW. slope, through heavy timber and dense undergrowth.