

County Surveyor's Record, Douglas County, Oregon

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T. 32 S., R. 4 W., Will. Mer., Oregon

CHAINS

The east boundary of section 24 on the east boundary of township 32 south, range 4 west, was surveyed by Carl S. Nicklin in 1897 and retraced by Fred Mensch in 1913. A portion of the subdivisional lines of the township were surveyed by William H. Byars in 1871. The survey of the township was completed by Carl S. Nicklin in 1897.

The resurvey was made for 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.

The survey was executed with a solar compass made by W. and L. E. Gurley, serial number Memo D, 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 the entire length. The vertical angle of each measurement was ascertained by use of 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 steel tape and found correct.

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

The geographic position of the $\frac{1}{4}$ section corner of section 24 only, on the east boundary of the township, as interpolated from the DAYS CREEK quadrangle map published by the Geological Survey in 1954, is as follows:

Latitude 42° 46.7' N. Longitude 123° 06.6' W.

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

Dependent Resurvey, Portion of E. Bdy., T. 32 S., R. 4 W.
(Restoring a portion of the 1897 survey by Carl S. Nicklin,
retraced by Fred Mensch in 1913.)

Beginning at the $\frac{1}{4}$ sec. cor. of secs. 24 only, monumented by Nicklin with a basalt stone, 14x8x8 ins., firmly set, marked $\frac{1}{4}$ on W. face, from which the only remaining original bearing tree:

A cedar, 30 ins. diam., bears S. 55° W., 37 lks. dist.,
marked $\frac{1}{4}$ S24 BT on open blaze.

At the corner point

Set an iron post, 28 ins. long, 2 $\frac{1}{2}$ ins. diam., 20 ins. in the ground,
with brass cap marked

$\frac{1}{4}$ S 24
R4W | R3W
T32S
1959

from which a new bearing tree

A fir, 18 ins. diam., bears N. 42° W., 47 lks. dist.,
marked $\frac{1}{4}$ S24 BT.