

SURVEY NARRATIVE TO COMPLY WITH PARAGRAPH 209.250
OREGON REVISED STATUTES

SURVEY FOR: The United States Department of Agriculture
Umpqua National Forest
Contract No. 002848
Roseburg, Oregon

LOCATION: Survey located in Sections 31 and 32, Township 29
South, Range 1 West, Willamette Meridian, Douglas
County, Oregon.

PURPOSE: To re-establish the lost corners along the South
line of Section 31 and the perimeter of Section 32,
also to establish the Center One Quarter (1/4) of
Section 32 and to establish the North Center and
the West Center One Quarter (1/4) lines, these
lines to be surveyed and posted as boundaries of
the Umpqua National Forest.

PROCEDURE: Two Tellurometer Control Base Stations were established
on a ridge, Southeasterly of the Umpqua River. One in the Northwest
One Quarter (1/4) of Section 26 and one in the Northwest One Quarter
(1/4) of Section 35 of the same Township and Range. Eccentric points
were established near each of the Sections and Quarter Corners. The
distances of these spider lines were determined by double tellurometer
measurements and the angles were measured with a T-2 Wild Theodolite.
The angles were measured by turning two directs and two indirects of
the angle and the horizon closure.

A double traverse was run from each eccentric point to the
corners for ties. The distances between the found corners were
obtained by co-ordinate inverse computations.

The bearings for this survey are derived from 3 sets of solar
observations, each set being composed of one direct and one indirect
solar sighting with the T-2 Theodolite. The difference between the
three sets was negligible, therefore, the mean of the three sets was
used for the purpose of this survey.

The information regarding the status of each corner found and
those that were re-established is shown individually on the attached
certified copy of the survey.

The said Center Quarter lines also being the Umpqua National
Forest Boundary were established in the field as indicated on the
map and posted and marked in accordance with the United States Forest
Service requirements.

Sufficient information for corner location was found at all the
locations, except the North One Quarter (1/4) Corner of Section 32.
This corner location was established by a single proportionate
measurement as shown.

The bearing trees both old and new were also marked with the
United States Forest Service Bearing Tree Marking Plate in accordance
with the Forest Service requirements.

FILED *[Signature]*
July 24, 1970
RECEIVED

JUL 27 1970

COUNTY SURVEYOR
DOUGLAS COUNTY, ORE.

REGISTERED
OREGON
LAND SURVEYOR

[Signature]
NOVEMBER 7, 1947
J. A. HOFFBUHR
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J. A. Hoffbuhr
Registered Land Surveyor C.S. File 55 / 158

File M 40 + 4