

County Surveyor's Record, Douglas County, Oregon

T. 21 S., R. 4 W., Willamette Meridian, Oregon

18599

CHAINS

~~The following field notes are those of the dependent~~
resurvey of a portion of the south and west boundaries, and
subdivisional lines, and the subdivision of sections 17 and 31,
township 21 south, range 4 west, Willamette Meridian, Oregon.

The history of surveys pertaining to this resurvey is as
follows:

The south and west boundaries and the subdivisional lines
were surveyed by Harvey Gordon and Charles T. Gardner, U. S.
Deputy Surveyors, in 1855-56.

A portion of the subdivisional lines were resurveyed by
Peter A Peterson and Daniel L. Berry, Cadastral Surveyors, in
1971 and 1972.

The survey was executed in accordance with specifications
as set forth in the Manual of Surveying Instructions, 1973,
and the Special Instructions dated September 9, 1987, and the
Supplemental Special Instructions dated September 6, 1988, for
Group No. 1406, Oregon.

The directions of the lines refer to the true meridian as
determined by deflections from azimuths obtained by direct solar
observations.

Detectable Electronically Energized Particles (DEEP-1 TM)
were buried as memorials at certain corner monuments. The Deep-1
is composed of strontium encased in a color coded plastic
container. The units are 1 inch in diameter, $2\frac{1}{2}$ inches long,
weigh $2\frac{1}{2}$ ounces, and are magnetically detectable to an average
depth of 8 feet.

Preliminary to the resurvey, the lines of the original
surveys were retraced and search was made for all corners and
other calls of the record. Identified corners were remonumented
in their original positions. Lost corners were reestablished and
remonumented at proportionate positions based on the official
record. The retracement data were thoroughly verified and only
the true line field notes are given herein. Only those lines
bounding public lands were blazed. All lines not forming a
closure were measured twice.

The geographic position (NAD 1927) of the witness corner to
the E 1/16 section corner of sections 17 and 20, as determined
from a tie to Douglas County horizontal control station "HONOR"
established by Douglas County Surveyor's Office in 1978, is as
follows:

Latitude $43^{\circ} 44' 09.36''$ N. Longitude $123^{\circ} 11' 31.35''$ W.

The geographic position (NAD 1927) of the $\frac{1}{4}$ section corner
of sections 30 and 31, as determined from a tie to Douglas County
horizontal control station "MEAGHAN 1979", is as follows:

Latitude $43^{\circ} 42' 25.17''$ N. Longitude $123^{\circ} 12' 59.50''$ W.

The mean magnetic declination is $18\frac{3}{4}^{\circ}$ E.