

County Surveyor's Record, Douglas County, Oregon

18436

T. 28 S., R. 6 W., Willamette Meridian, Oregon

CHAINS

The following field notes are those of the dependent resurvey of a portion of the south boundary and subdivisional lines, and subdivision of section 31, township 28 south, range 6 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 Robert Elder and Henry S. Gile, U. S. Deputy Surveyors, in 1853.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated August 29, 1986, for Group No. 1351, 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 survey were retraced and search was made for all corners and other calls of the record. Identified corners were remonumented in their original positions. The retracement data were thoroughly verified and only the true line field notes are given herein. Only those lines bounding or crossing public lands were blazed. All lines not forming a closure were measured twice.

The geographic position (NAD 1927) of the $\frac{1}{4}$ section corner of sections 31 and 36, as determined from a tie to United States Coast and Geodetic Survey triangulation station "TWO OAKS," 1942, is as follows:

Latitude $43^{\circ} 05' 28.07''$ N. Longitude $123^{\circ} 27' 47.24''$ W.

The mean magnetic declination is $18\frac{1}{2}^{\circ}$ E.

Dependent Resurvey of a Portion of the South Boundary,
T. 28 S., R. 6 W., Willamette Meridian, Oregon

(Restoring the survey by Robert Elder and Henry S. Gile in 1853)

Beginning at the cor. of secs. 5, 6, 31, and 32, on the S. bdy. of the Tp., perpetuated and recorded by C. W. Springer, Deputy County Surveyor, in 1923, and further perpetuated and recorded by James W. Byron, Deputy County Surveyor, in 1958, monumented with an iron pipe, $1\frac{1}{2}$ ins. diam., firmly set, projecting 6 ins. above ground, from which the remains of an original bearing tree:

A sawed fir stump, 36 ins. diam., bears N. $46\frac{1}{2}^{\circ}$ E.,
52 lks. dist., with scribe marks R T28S S32 visible
on opened blaze. (Record, N. $42\frac{1}{2}^{\circ}$ E.)

and the remains of a bearing tree mkd. by Springer

A sawed fir stump, 25 ins. diam., bears S. 71° E.,
38 lks. dist., no marks visible.