

County Surveyor's Record, Douglas County, Oregon

18645

T. 30 S., R. 4 W., Willamette, Meridian, Oregon

CHAINS

The following field notes are those of the dependent resurvey of a portion of the west boundary of T. 30 S., R. 3 W. and a portion of the subdivisional lines and subdivision of section 13, township 30 south, range 4 west, Willamette Meridian, Oregon.

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

The east, south, and north boundaries and a portion of the subdivisional lines were surveyed by Nathaniel Ford, U.S. Deputy Surveyor, in 1855.

A portion of the west boundary of T. 30 S., R. 3 W. was retraced by Dennis Hathorn, U.S. Deputy Surveyor, in 1857.

A portion of the township boundaries and subdivisional lines was resurveyed and a portion of the subdivisional lines was surveyed by William Thiel, U.S. Deputy Surveyor, in 1889.

A portion of the subdivisional lines was surveyed by William F. Briggs, U.S. Deputy Surveyor, in 1891, superseding portions of the 1855 and 1889 surveys.

A portion of the west boundary of T. 30 S., R. 3 W., was resurveyed by William M. Bushey, U.S. Deputy Surveyor, in 1893.

A portion of the west boundary of T. 30 S., R. 3 W., was resurveyed by John M. Jelley, Cadastral Surveyor, in 1965.

A portion of the west boundary of T. 30 S., R. 3 W., was resurveyed by Wayne L. Rogers, Lance J. Bishop, and James L. White, Cadastral Surveyors, in 1983-84.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated March 25, 1988, for Group No. 1435, 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, 2½ inches long, weigh 2½ 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 or crossing public lands were blazed. All lines not forming a closure were measured twice.

The geographic position (NAD 1927) of the Angle Point between sections 12 and 18 on the east boundary of the township, as determined from a tie to United States Geological Survey triangulation station "BLAND MTN", is as follows:

Latitude 42° 58' 20.37" N. Longitude 123° 07' 08.30" W.

The mean magnetic declination is 18° 15' E.