

# County Surveyor's Record, Douglas County, Oregon

T. 29 S., R. 8 W., Willamette Meridian, Oregon

18670

## CHAINS

The following field notes are those of the dependent resurvey of a portion of the west boundary, the east and west center line of the northwest one-quarter of section 31, and the metes-and-bounds survey of Lot 8, section 31, township 29 south, range 8 west, Willamette Meridian, Oregon.

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

The west boundary and subdivisional lines were surveyed by Dennis Hathorn, U.S. Deputy Surveyor, in 1855.

The Donation Land Claim lines were surveyed by J.A. Burnett, U.S. Deputy Surveyor, in 1856.

A portion of the south and west boundaries and subdivisional lines were resurveyed and section 31 was subdivided by Donald R. Beck, Cadastral Surveyor, in 1965.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, the Special Instructions dated February 12, 1991, and the Authorization for Additional Field Work dated April 18, 1991, for Group No. 1583, 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. 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 corner of sections 25, 30, 31, and 36 on the west boundary of the township, as determined from a tie to National Geodetic Survey, Oregon Primary GPS Station WCAM 1989, is as follows:

Latitude 43° 00' 40.19" N.                      Longitude 123° 42' 03.77 W.

The mean magnetic declination is 19° 15' E.

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Dependent Resurvey of a Portion of the West Boundary,  
T. 29 S., R. 8 W., Willamette Meridian, Oregon

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Beginning at the ¼ sec. cor. of secs. 31 and 36, on the W. bdy. of the tp., monumented with an iron post, 1¼ ins. diam., firmly set, projecting 14 ins. above ground, with brass cap mkd.

### COUNTY SURVEYORS OFFICE

T 29 S  
R ¼ S | S R  
9 36 | 31 8  
W BLM 1965 W  
1958

from which the remains of the original bearing trees