

CHAINS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF THE LINE BETWEEN SECTIONS 26 AND 27,
TOWNSHIP 20 SOUTH, RANGE 6 WEST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON.

EXECUTED BY

Wayne L. Rogers, Cadastral Surveyor

Under Special Instructions dated June 5, 1989,

approved June 7, 1989,

which provided for the surveys included under Group No. 1495,

and Assignment Instructions dated July 11, 1989.

Survey commenced August 8, 1989

Survey completed August 22, 1989

T. 20 S., R. 6 W., Willamette Meridian, Oregon

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The following field notes are those of the dependent resurvey of the line between sections 26 and 27, township 20 south, range 6 west, Willamette Meridian, Oregon.

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

The subdivisional lines were surveyed by James W. McClung, U. S. Deputy Surveyor, in 1872.

A portion of the subdivisional lines was resurveyed by Marvin J. Lytle, Cadastral Engineer, in 1950.

A portion of the subdivisional lines was resurveyed by William W. Glenn, Cadastral Surveyor, in 1962.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated June 5, 1989, for Group No. 1495, 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 original survey was retraced and search was made for all corners and other calls of the record. The lost corner was reestablished and remonumented at proportionate position 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. The line was measured twice.

The geographic position (NAD 1927) of the corner of sections 26, 27, 34, and 35, as determined from a tie to Geodetic Control Station No. EC 41004, established by the Bureau of Land Management, is as follows:

Latitude 43° 47' 41.97" N. Longitude 123° 23' 17.16" W.

The mean magnetic declination is 19° East.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 20 S., R. 6 W., Willamette Meridian, Oregon**

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(Restoring the survey by James W. McClung, in 1872)

Beginning at the cor. of secs. 26, 27, 34, and 35, perpetuated and recorded by Ben B. Irving, Deputy County Surveyor, in 1954, in Douglas County survey file No. 451275, monumented with an iron post, 1¼ ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd.

COUNTY SURVEYORS OFFICE

T 20 S R 6 W WM

27 * 26

34 * 35

1954

from which the remains of the original bearing trees

A fir snag, 40 ins. diam., bears N. 59° E., 20 lks. dist., with scribe marks S26 visible on decayed face.

A fir snag, size indeterminate, bears N. 30° W., 4 lks. dist., no marks visible.

and the remains of bearing trees mkd. by Irving

A fir, 36 ins. diam., bears N. 25° E., 90 lks. dist., with healed double blaze.

A sawed fir stump, 23 ins. diam., bears S. 28¾° E., 66 lks. dist., no marks visible.

A fir, 32 ins. diam., bears S. 19½° W., 123 lks. dist., with healed double blaze.

A fir, 44 ins. diam., bears N. 22° W., 47 lks. dist., with healed blaze and scribe marks BT visible on bark blaze.

and a new bearing tree

A hemlock, 11 ins. diam., bears N. 69° E., 36 lks. dist., mkd. T20S R6W S26 BT.

The corner is located in the NW. corner of a clearcut logged area.

From this point, the Bureau of Land Management Geodetic Control Station No. EC 41004, at latitude 43° 47' 28.569" N., longitude 123° 23' 12.589" W. (NAD 1927), determined by the NAVSTAR Global Positioning System, bears S. 13° 53' 15" E., 21.186 chs. dist., monumented with an aluminum cap, 3 ins. diam., firmly set flush with ground, in concrete, 3 ft. diam., top mkd. EC 41004 1989.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
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77.640

S. 10° E.

The cor. of secs. 22, 23, 26, and 27, monumented with an iron post, 2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.

T 20 S R 6 W

S 22 * S 23

S 27 * S 26

1950

from which the remains of bearing trees mkd. by Lytle

A fir, 38 ins. diam., bears N. 60¼° E., 78 lks. dist., with healed blaze.

A root hole, bears S. 37¼° E., 101 lks. dist., with a down, decayed fir alongside, 30 ins. diam., no marks visible.

A fir, 37 ins. diam., bears S. 70¼° W., 33 lks. dist., with healed blaze.

A fir, 25 ins. diam., bears N. 48¼° W., 67 lks. dist., with healed blaze.

and a new bearing tree

A fir, 6 ins. diam., bears S. 32½° E., 30 lks. dist., mkd. X BT.

The corner is located on top of ridge, bearing N. 30° W. and S. 30° E.

GENERAL DESCRIPTION

The lands included in the foregoing resurvey are located in Douglas County approximately 10 miles northwesterly of Drain, Oregon. The elevations range from approximately 1240 feet above sea level at the corner of sections 26, 27, 34, and 35, to about 1600 feet above sea level at the corner of sections 22, 23, 26, and 27.

The area is drained by Summit Creek and Beaver Creek with numerous small and seasonal drainages flowing into them. The soil consists of a rocky clay. The lands are forested with fir, cedar, hemlock, yew, alder, maple, madrone, willow, and chinquapin. Undergrowth consists of ferns, poison oak, arrowwood, hazel, Oregon grape, salal, huckleberry, blackberry, thimbleberry, salmonberry, wild rose, rhododendron, manzanita, and young timber

Access is gained via a paved road along Smith River and a graveled road branching from it along Summit Creek into the area.

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There were no mineral deposits noted along the line resurveyed. The land is used primarily for timber production and recreation.

The mean magnetic declination as shown on the United States Geological Survey quadrangle "BEAVER CREEK, OREG.," provisional edition 1984, is 19° 00' East.