

TOWNSHIP 20 SOUTH, RANGE 7 WEST, OF THE WILLAMETTE MERIDIAN, OREGON

Date: 3/20/2013 By: JC

This survey consists of:

Map: PLAT 2013-1 T20-7

Narrative: VOL. 58 PG. 22950

Corner Rpt: THIS PLAT REPRESENTS THE ENTIRE RECORD OF THE DEPENDENT RESURVEY

DOUGLAS COUNTY SURVEYOR

RETRACEMENT

This plat constitutes the entire record of the retracement of a portion of the subdivisional lines, Township 20 South, Range 7 West, Willamette Meridian, Oregon.

The history of official surveys pertaining to this retracement is as follows:

In 1883, Laban H. Wheeler, U.S. Deputy Surveyor, surveyed the north boundary and a portion of the subdivisional lines, T. 21 S., R. 7 W., as shown on the official plat of survey approved May 19, 1884.

In 1891, Thomas E. Todd, U.S. Deputy Surveyor, retraced and resurveyed the south boundary and surveyed the subdivisional lines as shown on the official plat of survey approved November 9, 1892.

In 1966-67, Lynn M. Roseberry and William W. Glenn, Cadastral Surveyors, remonumented certain original corner points as shown on the official plat of survey accepted January 19, 1970.

In 1983-84, Wayne L. Rogers and Lance J. Bishop, Cadastral Surveyors, resurveyed a portion of the south boundary and subdivisional lines and accepted January 23, 1987.

The following local surveys filed in the Douglas County Surveyor's Office are referred to in subsequent corner descriptions and are referenced by surveyor's last name, official title or Professional Land Surveyor (PLS) No., and year.

Date	Name and Registration number	File Number
1961	Wilford N. Haines, PLS No. 239	M2I-76
1962	Milo Godfrey, Deputy Co. Surveyor	CS 49/89
1965	Wilford N. Haines, PLS No. 239	CS 51/309

The directions of the lines are based on the true meridian as determined by Global Positioning Systems (GPS) techniques and direct solar observations, and carried forward by sustained angulation using conventional survey techniques. All measurements along the lines were derived through the use of GPS and conventional survey techniques. Measured distances and directions have been adjusted by computer software that incorporates a least squares adjustment routine. The adjusted mean bearings and mean horizontal ground elevation distances are reported to the nearest second and 0.01 foot.

The lines of the prior surveys and resurveys were retraced and search was made for all corners, lines, other calls of record, and where available, collateral evidence of local surveys and corners. Identified corners were perpetuated in their original positions. The retracement data were thoroughly verified and only the true line field data are given hereon.

Each new bearing tree has a 2 1/2 x 1/4 inch magnetic nail (Mag Nail) driven at the base on right side center, unless otherwise noted in the corner description.

Only those lines bounding Federal interest land were blazed.

The geographic positions shown hereon were determined by ties from temporary GPS control points utilizing dual frequency, carrier phase GPS receivers, and processed using the National Geodetic Survey's Online Positioning User Service (OPUS).

The survey was executed in accordance with the specification set forth in the Manual of Surveying Instructions (2009), and the special instructions approved April 28, 2010, for Group No. 2500, Administrative File No. 1202, Oregon, by A. Bert Skeesick, Cadastral Surveyor, beginning May 10, 2012, and completed May 22, 2012. He was assisted by Robert NMI Durning, Thomas A. Hollaman, and Marc A. Montpas, Surveying Technicians.

(A) The cor. of secs. 32 and 33, on the S. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 9 ins. above ground, with brass cap mkd.

T20S	R7W
S 32	S 33
S 5	
T21S	R7W
1983	

from which the remains of bearing trees mkd. by Godfrey, Deputy County Surveyor, in 1962

A sawed hemlock stump, 10 ins. diam., bears N. 57 1/2° E., 45.5 ft. dist., with a healed blaze.

A hemlock, 17 ins. diam., bears N. 58° W., 24.8 ft. dist., with a healed blaze.

and new bearing tree

A fir, 4 ins. diam., bears N. 48 1/4° E., 33.4 ft. dist., mkd. X BT.

(B) The 1/4 sec. cor. of secs. 32 and 33, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.

T20S	R7W
1/4	
S 32	S 33
1984	

from which the remains of a bearing tree mkd. by Godfrey, Deputy County Surveyor, in 1962

A burnt, hollow cedar snag, 36 ins. diam., bears N. 68° E., 23.8 ft. dist., with fragmentary scribe marks visible on an open blaze.

and remains of a bearing tree mkd. by Haines, PLS No. 239, in 1965

A decayed hemlock stump, size indeterminate, bears N. 62° W., 164.3 ft. dist., with no marks visible.

and remains of bearing trees mkd. by Rogers and Bishop

A fir, 16 ins. diam., bears N. 58° E., 24.8 ft. dist., with a healed blaze.

A roothole bears N. 40° W., 20.1 ft. dist., alongside of which is a fallen, decayed fir snag, 6 ins. diam., with no marks visible on a partially healed blaze.

and new bearing tree

A fir, 11 ins. diam., bears N. 29° W., 40.6 ft. dist., mkd. 1/4 S32 BT.

Sec. 29 Sec. 28
Sec. 32 Sec. 33

(C) Latitude 43°47'37.68"N.
Longitude 123°32'57.95"W.
(NAD 1983 (CORS 96))

N. 0°16'32"W.
2669.54

Sec. 32 Sec. 33
1/4 Cor.

N. 0°37'15"W.
2549.38

(A) Latitude 43°46'46.14"N.
Longitude 123°32'57.40"W.
(NAD 1983 (CORS 96))

T. 20 S.
T. 21 S.
Sec. 5

(C) The cor. of secs. 28, 29, 32, and 33, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground (alongside of which is a T-shaped iron rod, 3/4 in. diam., firmly set, projecting 7 ins. above ground, with brass disk mkd. WILFORD N HAINES 239 SURVEY POINT DRAIN ORE), with brass cap mkd.

T20S	R7W
S 29	S 28
S 32	
S 33	
1967	

from which the remaining original bearing tree

A hemlock, 33 ins. diam., bears S. 31 E., 3.3 ft. dist., with a healed blaze.

and the remains of bearing trees mkd. by Haines, PLS No. 239, in 1961

A decayed cedar stump, size indeterminate, bears S. 46° W., 27.7 ft. dist., with no marks visible.

A fir, 64 ins. diam., bears N. 35° W., 50.0 ft. dist., with scribe marks T20S R W S29 BT visible on the bark. (Record, 52.1 ft.)

and the remains of a bearing tree mkd. by Godfrey, Deputy County Surveyor, in 1962

A sawed, decayed cedar stump, 50 ins. diam., bears S. 52° W., 40.3 ft. dist., with scribe marks 7W S3 visible on an open blaze.

and the remains of a bearing tree mkd. by Roseberry and Glenn

A roothole bears N. 59° E., 110.2 ft. dist., alongside of which is a fallen fir snag, 45 ins. diam., with no marks visible.

and the remains of a bearing tree mkd. by Rogers and Bishop

A decayed hemlock stump, size indeterminate, bears S. 26° W., 46.2 ft. dist., with scribe marks 32 BT visible on an open blaze.

and new bearing trees

A fir, 16 ins. diam., bears N. 49 3/4° E., 39.3 ft. dist., mkd. T20S R7W S28 BT.

A fir, 9 ins. diam., bears S. 55° W., 46.0 ft. dist., mkd. T20S R7W S32 BT.

I, A. Bert Skeesick, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing the approval date of the 28th day of April, 2010, and assignment instructions bearing the date of the 24th day of April, 2012, I have retraced a portion of the subdivisional lines, Township 20 South, Range 7 West, Willamette Meridian, Oregon, which is represented upon this plat as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Surveying Instructions, and in the specific manner described on this plat.

Cadastral Surveyor

January 8, 2013

Date

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Portland, Oregon

The survey represented by this plat, having been correctly executed in accordance with the requirements of law and the regulations of this Bureau, is hereby accepted.

For the Director

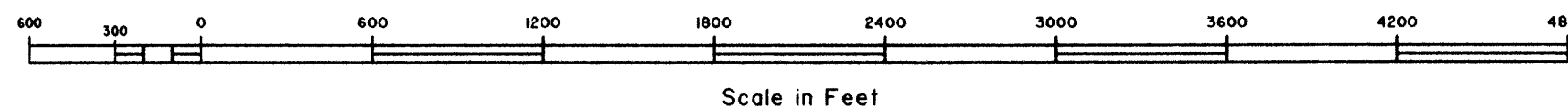
Chief Cadastral Surveyor of Oregon

January 10, 2013

Date

LEGEND

◊ Original corner previously remonumented



OFFICIALLY FILED: 1/25/2013