

23124

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

FIELD NOTES
OF THE
DEPENDENT RESURVEY OF A
PORTION OF THE NORTH BOUNDARY
AND SUBDIVISIONAL LINES,
AND THE SUBDIVISION OF SECTION 1,
TOWNSHIP 32 SOUTH, RANGE 5 WEST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON

EXECUTED BY

Arthur R. Rambo, Cadastral Surveyor

Under Special Instructions approved March 28, 2013,
which provided for the surveys included under Group No. 2707,
and Assignment Instructions dated March 28, 2013.

Survey commenced April 15, 2013

Survey completed May 15, 2013

T. 32 S., R. 5 W., Willamette Meridian, Oregon

The following field notes are those of the dependent resurvey of a portion of the north boundary and subdivisional lines, and the subdivision of section 1, Township 32 South, Range 5 West, Willamette Meridian, Oregon.

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

In 1854, Butler Ives and George W. Hyde, U.S. Deputy Surveyors, surveyed the south and east boundaries of the township, as described in the official field notes.

In 1856, Wells Lake and George W. Hyde, U.S. Deputy Surveyors, surveyed the north and west boundaries, and a portion of the subdivisional lines, as shown on the official plat of survey approved March 31, 1856.

In 1871, W.H. Byars, U.S. Deputy Surveyor, surveyed a portion of the subdivisional lines, as shown on the official plat of survey approved April 26, 1872.

In 1882, William H. Byars, U.S. Deputy Surveyor, surveyed a portion of the subdivisional lines of T. 31 S., R. 5 W., as shown on the official plat of survey approved July 28, 1883.

In 1894, William M. Bushey, U.S. Deputy Surveyor, surveyed a portion of the subdivisional lines of T. 31 S., R. 4 W., as shown on the official plat of survey approved June 29, 1895.

In 1955, Hans W. Thielsen, Cadastral Surveyor, resurveyed a portion of the subdivisional lines, subdivided section 2, and dependently resurveyed the south boundary and a portion of the subdivisional lines of T. 31 S., R. 5 W., as shown on the official plats of survey accepted July 9, 1956.

In 1971, Larry D. Evans, Cadastral Surveyor, resurveyed a portion of the west boundary and subdivisional lines, and subdivided sections 7 and 17 of T. 32 S., R. 4 W., as shown on the official plat of survey accepted November 9, 1977.

In 1972-73, Daniel L. Berry and Charles E. Akin Jr., Cadastral Surveyors, resurveyed the east boundary, a portion of the north boundary, and a portion of the subdivisional lines of T. 31 S., R.5 W., as shown on the official plat of survey accepted March 3, 1978.

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, Professional Land Surveyor (PLS) No., Registered Professional Engineer (RPE) No., and year.

<u>Date</u>	<u>Name and Registration Number</u>	<u>File Number</u>
1951	George J. Wenderoth, PLS No. 5	M 3-9
1958	Richard L. Templin Jr., RPE No. 3024	CS 42/389

The survey was executed in accordance with the specification set forth in the Manual of Surveying Instructions (2009), and the Special Instructions approved March 28, 2013, for Group No. 2707, Oregon.

The directions of the lines are based on the true meridian as determined by Global Positioning System (GPS) techniques and carried forward by sustained angulation using conventional survey techniques. All measurements along the lines were derived through GPS and conventional survey techniques. Measured distances and directions have been

T. 32 S., R. 5 W., Willamette Meridian, Oregon

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.

Preliminary to the resurvey the lines of the official original surveys and resurveys were retraced and search was made for all corners, lines, other calls of the record, and where available, collateral evidence of local surveys and corners. Identified corners were perpetuated in their original positions; lost corners were reestablished and monumented at proportionate positions based on the official record. The retracement data were thoroughly verified and only the corner description field notes are given herein.

Only those lines which represent the Bureau of Land Management (BLM) property lines were posted with aluminum angle posts, 5 feet long, 1 inch by 1 inch, blazed, painted, and tagged with BLM boundary signs.

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

The geographic position in NAD 1983 (2011) of the following corners as determined by ties from temporary GPS control points, established utilizing dual frequency, carrier phase GPS receivers, and processed using the National Geodetic Survey's Online Positioning User Service (OPUS):

The corner of sections 1, 2, 11, and 12:

Latitude: 42° 48' 41.94" N. Longitude: 123° 14' 53.09" W.

The corner of Townships 31 and 32 South, Ranges 4 and 5 West:

Latitude: 42° 49' 33.58" N. Longitude: 123° 13' 42.07" W.

**Dependent Resurvey of a Portion of the North Boundary
T. 32 S., R. 5 W., Willamette Meridian, Oregon**

The cor. of Tps. 31 and 32 S., Rs. 4 and 5 W., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above the ground with brass cap mkd.

	T 31 S	
R 5 W		R 4 W
S 36		S 31

S 1		S 6
	T 32 S	
	1973	

from which the remains of an original bearing tree

- A sawed fir stump, badly decayed, 38 ins. diam., bears N. 62° E., 21.8 ft. dist., no marks visible.

**Dependent Resurvey of a Portion of the North Boundary
T. 32 S., R. 5 W., Willamette Meridian, Oregon**

and the remains of bearing trees mkd. by Bushey in 1894

- A sawed fir stump, 63 ins. diam., bears S. 74° E., 28.0 ft. dist., with illegible scribe marks visible on open blaze. (Record, S. 76° E., 26.4 ft. dist.)
- A fir, 42 ins. diam., bears S. 62° W., 38.9 ft. dist., with a healed blaze. (Record, 39.6 ft. dist.)

and a bearing tree mkd. by Templin Jr., RPE No. 3024, in 1958

- A cedar, 16 ins. diam., bears N. 27° W., 16.5 ft. dist., with a healed blaze. (Record, N. 25 1/2° W.)

and the remains of bearing trees mkd. by Berry and Akin Jr. in 1972-73

- A fir, 25 ins. diam., bears N. 63° E., 31.0 ft. dist., with a healed blaze.
- A sawed fir stump, 18 ins. diam., bears S. 50° E., 35.0 ft. dist., with a healed blaze.

and a new bearing tree

- A fir, 8 ins. diam., bears S. 56 3/4° E., 22.9 ft. dist., mkd. X at breast height, and BT at base.

Point for the 1/4 sec. cor. of secs. 1 and 36, on the N. bdy. of the Tp., at proportionate dist.; there is no remaining evidence of the original cor.

Set a stainless steel post, 28 ins. long, 22 ins. in the ground, in a collar of stone, with brass cap mkd.

T 31 S R 5 W
S 36
1/4 ———
S 1
T 32 S
2013

from which

- A cedar, 10 ins. diam., bears N. 1 3/4° E., 3.5 ft. dist., mkd. 1/4 S36 BT.
- A fir, 13 ins. diam., bears S. 34 1/4° E., 22.0 ft. dist., mkd. 1/4 S1 BT.

Deposit a magnet in a white plastic case at the base of the stainless steel post.

The cor. of secs. 1, 2, 35, and 36, on the N. bdy. of the Tp., monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above the ground, with brass cap mkd.

23128

**Dependent Resurvey of a Portion of the North Boundary
T. 32 S., R. 5 W., Willamette Meridian, Oregon**

T 31 S	R 5 W
S 35	S 36
S 2	S 1
T 32 S	
1955	

from which an original bearing tree

A madrone, 37 ins. diam., bears S. 34 1/4° W., 10.3 ft. dist., with no scribe marks visible on open blaze. (Record, S. 40° W., 9.2 ft. dist.)

and a bearing tree mkd. by person(s) unknown

A cedar, 19 ins. diam., bears S. 14° E., 10.6 ft. dist., with scribe marks R5W visible on open blaze.

and the remains of bearing trees mkd. by Thielsen in 1955

A sawed fir stump, 23 ins. diam., bears N. 66° E., 15.2 ft. dist., with a healed blaze.

A cedar, 33 ins. diam., bears S. 45° E., 19.8 ft. dist., with a healed blaze.

A fir, 35 ins. diam., bears S. 58° W., 10.6 ft. dist., with a healed blaze.

A madrone, 34 ins. diam., bears N. 31° W., 73.8 ft. dist., with a healed blaze. (Record, 74.6 ft. dist.)

and a new bearing tree

A cedar, 8 ins. diam., bears N. 77° E., 29.3 ft. dist., mkd. X at breast height, and BT at base.

**Dependent Resurvey of a Portion of the Subdivisional Lines
T. 32 S., R. 5 W., Willamette Meridian, Oregon**

The cor. of secs. 1, 6, 7, and 12, on the E. bdy. of the Tp., monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd.

T 32 S	
R 5 W	R 4 W
S 1	S 6
S 12	S 7
1971	

from which the remains of original bearing trees

An oak snag, 19 ins. diam., bears S. 31° E., 48.7 ft. dist., with a healed blaze. (Record, 50.2 ft. dist.).

**Dependent Resurvey of a Portion of the Subdivisional Lines
T. 32 S., R. 5 W., Willamette Meridian, Oregon**

An oak snag, 17 ins. diam., bears N. 41 1/2° W., 104.4 ft. dist., with no scribe marks visible on open blaze. (Record, 106.3 ft. dist.)

and the remains of bearing trees mkd. by Stewart, Deputy County Surveyor, in 1922

A root hole with down oak alongside, 20 ins. diam., bears S. 44° W., 121.1 ft. dist., with no scribe marks visible on open blaze.

An oak snag, 21 ins. diam., bears N. 3 3/4° W., 98.3 ft. dist., with a healed blaze.

and the remains of bearing trees mkd. by Markham, RPE No. 2880, in 1951

A root hole with down oak alongside, size indeterminate, bears N. 82 1/2° E., 63.0 ft. dist., no marks visible.

A root hole with down pine alongside, indeterminate size, bears N. 22 1/4° W., 12.9 ft. dist., with illegible scribe marks visible on open blaze.

and a bearing tree mkd. by Ramsey, PLS No. 404, in 1967

A pine, 19 ins. diam., bears S. 37° W., 56.4 ft. dist., with a healed blaze.

and new bearing trees

A fir, 8 ins. diam., bears N. 31 1/2° E., 47.6 ft. dist., mkd. X at breast height, and BT at base.

A fir, 8 ins. diam., bears S. 67 1/4° E., 10.4 ft. dist., mkd. X at breast height, and BT at base.

A fir, 10 ins. diam., bears N. 82° W., 51.7 ft. dist., mkd. T32S R5W S1 BT.

The 1/4 sec. cor. of secs. 1 and 12, reestablished by Wenderoth, PLS No. 5, in 1951, by proportionate measurement. There is no remaining evidence of the original cor. and this position is accepted as a careful and faithful reestablishment of the cor.; monumented with an iron pipe, 3/4 in. diam., firmly set, projecting 2 ins. above the ground.

from which the remains of a bearing tree mkd. by Wenderoth

A root hole with rotted madrone alongside, size indeterminate, bears N. 41° E., 54.0 ft. dist., no marks visible.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, directly over the iron pipe, with brass cap mkd.

T 32 S R 5 W
S 1
1/4 ———
S 12
2013

**Dependent Resurvey of a Portion of the Subdivisional Lines
T. 32 S., R. 5 W., Willamette Meridian, Oregon**

and new bearing trees

A fir, 8 ins. diam., bears S. 7° E., 8.1 ft. dist., mkd. 1/4 S12 BT.

A pine, 10 ins. diam., bears N. 44 3/4° W., 24.1 ft. dist., mkd. 1/4 S1 BT.

Deposit a magnet in a white plastic case at the base of the stainless steel post.

Point for the W 1/16 sec. cor. of secs. 1 and 12.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

S 1
W 1/16 ———
S 12
2013

from which

A fir, 7 ins. diam., bears S. 48 1/4° W., 28.5 ft. dist., mkd. X at breast height, and BT at base.

A fir, 12 ins. diam., bears N. 8 3/4° W., 49.9 ft. dist., mkd. W1/16 S1 BT.

Deposit a magnet in a white plastic case at the base of the stainless steel post.

From this point, a point erroneously established by Wenderoth, PLS No. 5, in 1951, for the W 1/16 sec. cor. of secs. 1 and 12, bears S. 61° 41' 34" E., 4.78 ft. dist., and is not used for control in this survey, monumented with a fir tree, 23 ins. diam., with single healed blazes on the east and west sides of the tree.

The cor. of secs. 1, 2, 11, and 12, monumented with an iron post, 2 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd.

T 32 S R 5 W
S 2 | S 1
———
S 11 | S 12
1955

from which the remains of a bearing tree mkd. by the Douglas County Surveyor's Office, in 1951

A sawed fir stump, 22 ins. diam., bears S. 60° W., 49.5 ft. dist., with no scribe marks visible on partially healed blaze.

and a bearing tree mkd. by Thielsen in 1955

23131

**Dependent Resurvey of a Portion of the Subdivisional Lines
T. 32 S., R. 5 W., Willamette Meridian, Oregon**

A fir snag, 20 ins. diam., bears N. 32 1/2° E., 73.9 ft. dist., with illegible scribe marks visible on partially healed blaze. (Record, 75.2 ft. dist.)

and new bearing trees

A fir, 13 ins. diam., bears N. 37 1/4° E., 65.7 ft. dist., mkd. T32S R5W S1 BT.

A cedar, 8 ins. diam., bears S. 76 1/2° E., 13.0 ft. dist., mkd. X at breast height and BT at base.

A cedar, 9 ins. diam., bears S. 57 1/4° W., 46.7 ft. dist., mkd. T32S R5W S11 BT.

A pine, 13 ins. diam., bears N. 26° W., 62.9 ft. dist., mkd. T32S R5W S2 BT.

**Subdivision of Section 1,
T. 32 S., R. 5 W., Willamette Meridian, Oregon**

Point for the center 1/4 sec. cor. of sec. 1.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T 32 S R 5 W
C 1/4 S 1
2013

from which

A fir, 5 ins. diam., bears N. 4 1/2° E., 27.4 ft. dist., mkd. X at breast height, and BT at base.

A fir, 9 ins. diam., bears N. 89 1/4° W., 17.6 ft. dist., mkd. C1/4 S1 BT.

Deposit a magnet in a white plastic case at the base of the stainless steel post.

The 1/4 sec. cor. of secs. 1 and 6, on the E. bdy. of the Tp., perpetuated by Templin Jr., RPE No. 3024, in 1958, from evidence no longer in existence, and further perpetuated by the Douglas County Surveyors Office in 1984, recorded in C.S. File 62/21, monumented with an iron post, 1 in. diam., firmly set, projecting 3 ins. above the ground, in a collar of stone, with brass cap mkd.

DOUGLAS COUNTY SURVEYOR
T 32 S
1/4
R 5 W | R 4 W
S 1 | S 6
1984

from which the remains of a bearing tree mkd. by Templin Jr.

23132

**Subdivision of Section 1,
T. 32 S., R. 5 W., Willamette Meridian, Oregon**

A fir stump, 24 ins. diam., bears S. $15\frac{3}{4}^{\circ}$ W., 43.9 ft. dist., no marks visible.

and the bearing trees mkd. by the Douglas County Surveyor's Office

A fir, 24 ins. diam., bears S. 85° E., 25.6 ft. dist., with a healed blaze.

A maple, 13 ins. diam., bears S. $37\frac{3}{4}^{\circ}$ E., 13.4 ft. dist., with scribe marks 4 S6 CS visible on partially healed blaze.

A maple, 15 ins. diam., bears S. 57° W., 35.3 ft. dist., with illegible scribe marks visible on partially healed blaze.

A cedar, 25 ins. diam., bears N. $22\frac{1}{4}^{\circ}$ W., 57.5 ft. dist., with a healed blaze.

The $\frac{1}{4}$ sec. cor. of secs. 1 and 2, monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd.

$\frac{1}{4}$
S 2 | S 1
1955

from which the bearing trees mkd. by Thielsen in 1955

A fir, 47 ins. diam., bears N. $61\frac{1}{4}^{\circ}$ E., 46.2 ft. dist., with a healed blaze.

A fir, 27 ins. diam., bears S. 20° W., 40.9 ft. dist., with a healed blaze.

Point for the SW $\frac{1}{16}$ sec. cor. of sec. 1.

Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, in a collar of stone, with brass cap mkd.

SW $\frac{1}{16}$ S 1
2013

from which

A fir, 6 ins. diam., bears N. $15\frac{3}{4}^{\circ}$ E., 33.4 ft. dist., mkd. X at breast height, and BT at base.

A cedar, 5 ins. diam., bears S. $73\frac{3}{4}^{\circ}$ E., 16.1 ft. dist., mkd. X at breast height, and BT at base.

Deposit a magnet in a white plastic case at the base of the stainless steel post.

The S $\frac{1}{16}$ sec. cor. of secs. 1 and 2, monumented with an iron post, 1 in. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd.

23133

Subdivision of Section 1,
T. 32 S., R. 5 W., Willamette Meridian, Oregon

S 1/16
S 2 | S 1
1955

from which the remains of bearing trees mkd. by Thielsen in 1955

A fir, 18 ins. diam., bears S. 16° E., 27.1 ft. dist., with a healed blaze.

A rotted fir snag, 16 ins. diam., bears N. $83 \frac{1}{2}^{\circ}$ W., 13.2 ft. dist., no marks visible.

and a new bearing tree

A fir, 7 ins. diam., bears S. $34 \frac{1}{2}^{\circ}$ W., 14.3 ft. dist., mkd. X at breast height, and BT at base.
