

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

FIELD NOTES
OF THE
DEPENDENT RESURVEY OF
A PORTION OF THE EAST BOUNDARY AND
SUBDIVISIONAL LINES,
THE SUBDIVISION-OF-SECTION LINES OF SECTIONS 9 AND 15,
AND DONATION LAND CLAIM No. 46,
TOWNSHIP 24 SOUTH, RANGE 4 WEST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON.

EXECUTED BY

George M. Winter, Cadastral Surveyor

Under Special Instructions approved July 31, 2012,
which provided for the surveys included under Group No. 2656,
and Assignment Instructions dated July 31, 2012.

Survey commenced September 10, 2012

Survey completed November 1, 2012

T. 24 S., R. 4 W., Willamette Meridian, Oregon

The following field notes are those of the dependent resurvey of a portion of the east boundary and subdivisional lines, the subdivision-of-section lines of sections 9 and 15, and the Donation Land Claim No. 46, Township 24 South, Range 4 West, Willamette Meridian, Oregon.

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

In 1856, Harvey Gordon and Charles T. Gardner, U.S. Deputy Surveyors, surveyed a portion of the subdivisional lines as shown on the official plat of survey approved February 20, 1856.

In 1858, Dennis Hawthorn, U.S. Deputy Surveyor, surveyed Donation Land Claim No. 38 and 46 as shown on the official plat of survey approved June 1, 1860.

In 1883, Laban H. Wheeler, U.S. Deputy Surveyor, surveyed a portion of the west boundary and subdivisional lines, T. 24 S., R. 3 W., as shown on the official plat of survey approved May 19, 1884.

In 1896-97, Oscar F. Thiel, U.S. Deputy Surveyor, retraced a portion of the east boundary and surveyed the remainder of the subdivisional lines as shown on the official plat of survey approved November 6, 1897.

In 1950, Norman D. Price, Cadastral Engineer, resurveyed the west boundary and a portion of the subdivisional lines as shown on the official plat of survey accepted December 3, 1951.

In 1963, C. Albert White and Norman J. McDonald, Cadastral Surveyors, remonumented certain original corner points as shown on the official plat of survey accepted April 22, 1965.

In 1979, James E. Jelly, Cadastral Surveyor, resurveyed a portion of the subdivisional lines and claim lines and subdivided section 15 as shown on the official plat of survey accepted August 28, 1981.

In 1984-85, Lance J. Bishop and James L. White, Cadastral Surveyors, resurveyed a portion of the subdivisional lines and subdivided section 9 as shown on the official plat of survey accepted November 7, 1986.

In 2002-03, Timothy J. Moore, Cadastral Surveyor and Robert H. Browning, Surveying Technician, remonumented and/or rehabilitated certain corner points as shown in the official field notes approved November 3, 2004.

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

<u>Date</u>	<u>Name and Registration Number</u>	<u>File Number</u>
1963	Milo E. Godfrey, Deputy County Surveyor	C.S. 53/9
1979	Donald A. Bentz, PLS No. 839	M91-2
1985	Ronald G. Geisler, PLS No. 1988	C.S. 63/22
1998	Mark F. Smalley, PLS No. 2354	C.S. 65/20-40

T. 24 S., R. 4 W., Willamette Meridian, Oregon

Note: The survey by Donald A. Bentz, PLS No. 839, recorded as File Number M91-2, was surveyed in 1979 according to the field notes for the 1979 survey by James E. Jelly, who recovered some of his accessories. However, the plat recorded by Bentz in 1982 shows the date of the survey as October, 1980.

The survey was executed in accordance with the specification set forth in the Manual of Surveying Instructions (2009), and the special instructions approved July 31, 2012, for Group No. 2656, Oregon.

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

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. The retracement data were thoroughly verified and only the corner description field notes are given herein.

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 to 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 1/4 section corner of section 18 only T. 24 S., R. 3 W. on the east boundary of the township:

Latitude: 43° 28' 55.93" N. Longitude: 123° 06' 30.35" W.

The 1/4 section corner of sections 12 and 13:

Latitude: 43° 29' 25.38" N. Longitude: 123° 07' 04.33" W.

The NW 1/16 section corner of section 15:

Latitude: 43° 29' 11.38" N. Longitude: 123° 09' 45.36" W.

The 1/4 section corner of sections 9 and 16:

Latitude: 43° 29' 24.40" N. Longitude: 123° 10' 38.75" W.

The SW 1/16 section corner of section 9:

Latitude: 43° 29' 37.33" N. Longitude: 123° 10' 57.16" W.

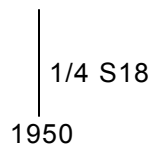
The S 1/16 section corner of sections 14 and 15, by direct occupation:

T. 24 S., R. 4 W., Willamette Meridian, Oregon

Latitude: 43° 28' 45.699" N. Longitude: 123° 08' 52.002" W.

**Dependent Resurvey of a Portion of the East Boundary,
T. 24 S., R. 4 W., Willamette Meridian, Oregon**

The 1/4 sec. cor. of sec. 18 only, on the W. bdy. of T. 24 S., R. 3 W., perpetuated by Godfrey, Deputy County Surveyor, in 1963, further perpetuated by Geisler, PLS No. 1988, in 1985, monumented with an iron post, 1 in. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd.



from which the remains of bearing trees mkd. by Price in 1950

A sawed, decayed fir stump, 21 ins. diam., bears N. 43 1/4° E., 76.6 ft. dist., with no marks visible.

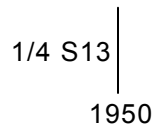
A fir, 39 ins. diam., bears S. 19° E., 38.3 ft. dist., with a healed blaze.

and a bearing tree mkd. by Godfrey (also called for as a new bearing tree by Geisler)

A fir, 26 ins. diam., bears N. 51 1/2° E., 26.9 ft. dist., with a healed double blaze.

Corner is located in a fence extending N. and S.

The 1/4 sec. cor. of sec. 13 only, on the E. bdy. of the Tp., monumented with an iron post, 1 in. diam., firmly set, buried 2 ins. below ground, with brass cap mkd.



from which the remains of bearing trees mkd. by Price in 1950

A fir, 42 ins. diam., bears S. 30° W., 20.5 ft. dist., with a healed blaze.

A sawed fir stump, 27 ins. diam., bears N. 67° W., 60.7 ft. dist., with a healed blaze.

and a bearing tree mkd. by Moore and Browning in 2002-03

A fir, 11 ins. diam., bears N. 78 3/4° W., 27.0 ft. dist., with a healed blaze.

Corner is located 3 ft. W. of a fence extending N. and S., and 80 ft. S. of a gravel road, bears N. 88° E. and S. 80° W.

23004

**Dependent Resurvey of a Portion of the East Boundary,
T. 24 S., R. 4 W., Willamette Meridian, Oregon**

The cor. of secs. 7 and 18 only, on the W. bdy. of T. 24 S., R. 3 W., perpetuated by Godfrey, Deputy County Surveyor, in 1963, further perpetuated by Geisler, PLS No. 1988, in 1985, monumented with an iron post, 2 ins. diam., firmly set, projecting 16 ins. above ground, with brass cap mkd.

T24S	T24S
R4W	S 7
S13	S18
	R3W
	1950

from which the remains of a bearing tree mkd. by Price in 1950

- A sawed, decayed cedar stump, 26 ins. diam., bears S. 85° E., 61.4 ft. dist., with no marks visible.

and the remains of bearing trees mkd. by Godfrey

- A cedar, 24 ins. diam., bears N. 33 1/4° E., 103.1 ft. dist., with a healed blaze.
- A sawed, decayed fir stump, 19 ins. diam., bears S. 38 3/4° E., 68.9 ft. dist., with a healed blaze.

and a bearing tree mkd. by Geisler

- A fir, 28 ins. diam., bears N. 59 1/2° E., 77.9 ft. dist., with a healed blaze.

and a new bearing tree

- A cedar, 13 ins. diam., bears S. 48 3/4° E., 55.3 ft. dist., mkd. T24S R3W S18 BT.

Corner is located 21 ft. W. of a gravel road, 14 ft. wide, bears N. 5° W. and S. 5° E.

The closing cor. of secs. 12 and 13, on the E. bdy. of the Tp., perpetuated by Godfrey, Deputy County Surveyor, in 1963, monumented with an iron post, 2 ins. diam., firmly set, projecting 13 ins. above ground, with brass cap mkd.

T24S	T24S
C S12	S 7
C S13	R3W
R4W	
	1950

from which bearing trees mkd. by Godfrey

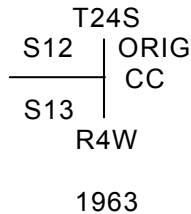
- A cedar, 24 ins. diam., bears S. 45 3/4° W., 14.8 ft. dist., with a healed double blaze.
- A cedar, 23 ins. diam., bears N. 42 1/4° W., 78.6 ft. dist., with a healed double blaze.

23005

**Dependent Resurvey of a Portion of the East Boundary,
T. 24 S., R. 4 W., Willamette Meridian, Oregon**

Corner is located 3 ft. E. of the cor. of fences extending N., S., and W.

From this cor., the original closing cor., perpetuated by Godfrey, bears S. 89° 32' 44" E., 41.2 ft. dist., monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 9 ins. above ground, with brass cap mkd..

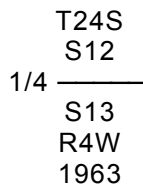


from which the original bearing trees

- A cedar, 38 ins. diam., bears S. 72° W., 21.8 ft. dist., with no marks visible on an open blaze and with scribe marks AM visible alongside.
- A fir, 38 ins. diam., bears N. 6° W., 31.0 ft. dist., with a healed blaze.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 24 S., R. 4 W., Willamette Meridian, Oregon**

The 1/4 sec. cor. of secs. 12 and 13, perpetuated by Godfrey, Deputy County Surveyor, in 1963, monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 9 ins. above ground, with brass cap mkd.



from which the remaining original bearing tree

- A fir, 46 ins. diam., bears N. 78° E., 30.4 ft. dist., with a healed blaze.

and bearing trees mkd. by Godfrey

- A cedar, 24 ins. diam., bears N. 56 3/4° E., 17.0 ft. dist., with a healed double blaze.
- A fir, 24 ins. diam., bears S. 9 3/4° E., 39.0 ft. dist., with a healed double blaze.

Corner is located 2 ft. N. of the remains of a fence extending E. and W., and 118 ft. W. of an intermittent stream, course S. 52° W.

23006

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 24 S., R. 4 W., Willamette Meridian, Oregon

The S 1/16 sec. cor. of secs. 14 and 15, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.

S 1/16
S15 | S14
1979

from which bearing trees mkd. by Jelley in 1979

A fir, 29 ins. diam., bears N. 36° E., 37.0 ft. dist., with a healed blaze.

A madrone, 16 ins. diam., bears N. 57 1/2° W., 9.2 ft. dist., with no marks visible.

Corner is located alongside a wood fence post, 7 ins. diam., with fences extending S. and W.

The 1/4 sec. cor. of secs. 14 and 15, monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 10 ins. above ground, with brass cap incorrectly mkd.

T24S
1/4
S14 | S15
R4W
1963

from which the remains of an original bearing tree

A decayed fir stump, bears S. 78° E., 22.4 ft. dist., alongside of which is a fallen, decayed fir snag, 24 ins. diam., with no marks visible.

and the remains of a bearing tree mkd. by Godfrey, Deputy County Surveyor, in 1963

A sawed fir stump, 18 ins. diam., bears N. 32 1/2° E., 54.1 ft. dist., with a healed double blaze.

and the remains of a bearing tree mkd. by Jelley in 1979

A sawed fir stump, 18 ins. diam., bears N. 21 3/4° W., 28.0 ft. dist., with a healed blaze.

and new bearing trees

A fir, 16 ins. diam., bears N. 5° E., 71.1 ft. dist., mkd. 1/4 S14 BT.

A fir, 17 ins. diam., bears N. 77 1/2° W., 54.3 ft. dist., mkd. 1/4 S15 BT.

23007

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 24 S., R. 4 W., Willamette Meridian, Oregon**

The 1/4 sec. cor. of secs. 9 and 16, perpetuated by Smalley, PLS No. 2354 in 1998, monumented with an iron post, 1 1/2 ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd.

T24S
S 9
1/4 ———
S16
R4W
1963

from which the remaining original bearing tree

A maple, 30 ins. diam., bears N. 19° W., 9.2 ft. dist., with axe marks visible on a hollowed blaze.

and the remains of bearing trees mkd. by Godfrey, PLS No. 496 in 1963

A cedar, 25 ins. diam., bears N. 44° E., 30.0 ft. dist., with a healed blaze.

A cedar, 12 ins. diam., bears S. 36° W., 17.2 ft. dist., with no marks visible.

and bearing trees mkd. by Smalley

A fir, 13 ins. diam., bears N. 56 3/4° E., 12.1 ft. dist., with a healed blaze.

An alder, 15 ins. diam., bears S. 31° E., 27.8 ft. dist., with a healed blaze.

Corner is located alongside a wood fence post, with fences extending N. and E.

The center S 1/16 sec. cor. of sec. 9, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd.

C
S1/16 | S 9
C
1984

from which the bearing trees mkd. by Bishop and White in 1984-85

A fir, 19 ins. diam., bears S. 39 1/2° E., 36.3 ft. dist., with a healed blaze.

A fir, 19 ins. diam., bears N. 83 3/4° W., 11.9 ft. dist., with a healed blaze.

Corner is located 1 ft. N. of a wood fence post, fence extends S.

The SW 1/16 sec. cor. of sec. 9, monumented with an aluminum post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above ground, with an aluminum cap mkd.

23008

**Dependent Resurvey of a Portion of the Subdivision-of-Section Lines of Section 9,
T. 24 S., R. 4 W., Willamette Meridian, Oregon**

SW 1/16
S 9
1984

from which the bearing trees mkd. by Bishop and White in 1984-85

A fir, 25 ins. diam., bears S. $1\ 3/4^\circ$ W., 13.9 ft. dist., with a healed double blaze.

A fir, 13 ins. diam., bears N. $72\ 1/2^\circ$ W., 4.6 ft. dist., with a healed double blaze.

**Dependent Resurvey of a Portion of the Subdivision-of-Section Lines of Section 15,
T. 24 S., R. 4 W., Willamette Meridian, Oregon**

The center E 1/16 sec. cor. of sec. 15, determined at record distance-distance intersection from a bearing tree mkd. by Bentz, PLS No. 839, in 1979, reported by Jelley in 1979; and a bearing tree mkd. by Jelley

A fir, 16 ins. diam., bears S. $34\ 1/2^\circ$ E., 10.9 ft. dist., with a healed double blaze.
(Record, S. $38\ 1/4^\circ$ E.)

A fir, 18 ins. diam., bears S. $37\ 3/4^\circ$ W., 20.5 ft. dist., with a healed double blaze.
(Record, S. $41\ 1/2^\circ$ W.)

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap, mkd.

E 1/16
C ——— C
S15
2012

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

Corner is located on the S. side of a landing.

The center 1/4 sec. cor. of sec. 15, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd.

T24S R4W
C 1/4 S15
1979

from which a bearing tree mkd. by Bentz, PLS No. 839, in 1979

A fir, 8 ins. diam., bears S. 59° E., 3.6 ft. dist., with a healed blaze.

and a bearing tree mkd. by Jelly in 1979

23009

**Dependent Resurvey of a Portion of the Subdivision-of-Section Lines of Section 15,
T. 24 S., R. 4 W., Willamette Meridian, Oregon**

A fir, 15 ins. diam., bears S. $27\frac{3}{4}^{\circ}$ W., 12.2 ft. dist., with a healed blaze.

Corner is located 5 ft. N. of a wood fence post, fence extends S.

The center W 1/16 sec. cor. of sec. 15, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 1 in. above ground, with brass cap mkd.

W 1/16
C ——— C
S15
1979

from which bearing trees mkd. by Bentz, PLS No. 839, in 1979

A fir, 15 ins. diam., bears N. $79\frac{1}{4}^{\circ}$ E., 13.5 ft. dist., with a healed blaze.

A fir, 23 ins. diam., bears S. $31\frac{1}{2}^{\circ}$ W., 18.8 ft. dist., with a healed blaze.

Corner is located 77 ft. W. of a spur, bears S. 15° E.

The NW 1/16 sec. cor. of sec. 15, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd.

NW 1/16 S15
1979

from which a bearing tree mkd. by Bentz, PLS No. 839, in 1979

A dogwood, 16 ins. diam., bears S. 1° E., 25.7 ft. dist., with no marks visible on an open blaze. (Record, S. $2\frac{3}{4}^{\circ}$ E.)

and a bearing tree mkd. by Jelly in 1979

A maple, 40 ins. diam., bears N. 11° E., 18.2 ft. dist., with a healed blaze.

Corner is located 25 ft. S. of a ravine, course S. 85° E.

**Dependent Resurvey of a Portion of Donation Land Claim No. 46, in Section 15,
T. 24 S., R. 4 W., Willamette Meridian, Oregon**

The crossing closing cor. of the E. and W. center line of the SE 1/4 of sec. 15 and the E. bdy. of Donation Land Claim No. 46, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd.

DLC | CCC
S | S
46 | S15
1979

23010

**Dependent Resurvey of a Portion of Donation Land Claim No. 46, in Section 15,
T. 24 S., R. 4 W., Willamette Meridian, Oregon**

from which bearing trees mkd. by Jelley in 1979

A fir, 32 ins. diam., bears N. 58° E., 17.2 ft. dist., with a healed blaze. (Record, 18.5 ft.)

An oak, 10 ins. diam., bears S. 38 1/2° E., 31.4 ft. dist., with a healed blaze. (Record, S. 42° E.)

Corner is located 4 ft. E. of a fence extending N. and S.

The NE. cor. of Donation Land Claim No. 46, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd.

T24S R4W
DLC S15
No 46
1963

from which the remains of an original bearing tree

A sawed, decayed madrone stump, 27 ins. diam., bears N. 70° E., 15.2 ft. dist., with a hollowed blaze.

and the remains of bearing trees mkd. by White and McDonald in 1963

A fir, 27 ins. diam., bears S. 27° E., 53.5 ft. dist., with a healed blaze.

A sawed, decayed fir stump, bears S. 72° W., 16.5 ft. dist., with no marks visible.

and a bearing tree mkd. by Jelly in 1979

A fir, 13 ins. diam., bears S. 53° W., 23.0 ft. dist., with a healed blaze. (Record, 23.8 ft. dist.)

Corner is located 74 ft. E. of a ridge, bears N. 35° W. and S. 25° E.

The crossing closing cor. of the N. and S. center line of the SE 1/4 of sec. 15 and the N. bdy. of Donation Land Claim No. 46, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above ground (alongside the iron post is a steel reinforcing rod, 5/8 in. diam., projecting 4 ins. above ground), with brass cap mkd.

E
CCC S15
E
DLC 46
1979

from which a bearing tree mkd. by Bentz, PLS No. 839, in 1979

23011

**Dependent Resurvey of a Portion of Donation Land Claim No. 46, in Section 15,
T. 24 S., R. 4 W., Willamette Meridian, Oregon**

A fir, 34 ins. diam., bears N. $59\frac{3}{4}^{\circ}$ E., 4.3 ft. dist., with a healed blaze.

and a bearing tree mkd. by Jelly

A fir, 26 ins. diam., bears N. $10\frac{1}{2}^{\circ}$ W., 89.1 ft. dist., with a healed double blaze.

Corner is located 1 ft. W. of a fence extending N. and S. and 26 ft. N. of a fence extending E. and W.
