

ORIGINAL

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 15,
TOWNSHIP 29 SOUTH, RANGE 2 WEST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON

EXECUTED BY

Joseph M. Mannix, Cadastral Surveyor

Justin V. Haddon, Cadastral Surveyor

Under Special Instructions approved October 2, 2019,
which provided for the surveys included under Group No. 2957,
and Assignment Instructions dated October 2, 2019.

Survey commenced October 15, 2019

Survey completed November 20, 2019

T. 29 S., R. 2 W., Willamette Meridian, Oregon

FEET

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 15, Township 29 South, Range 2 West, Willamette Meridian, Oregon.

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

In 1909-10, William N. Gibb, U.S. Deputy Surveyor, surveyed a portion of the south boundary of T. 28 S., R. 2 W., as shown on the official plat of survey, approved October 17, 1911.

In 1917, Elmer F. Strickler, U.S. Transitman, dependently resurveyed and surveyed the north boundary, dependently resurveyed the south and west boundaries, and surveyed the subdivisional lines of T. 29 S., R. 2 W., as shown on the official plat of survey, approved June 10, 1918.

The following local corner records filed in the Douglas County Surveyor's Office are referred to in subsequent corner descriptions and are referenced by the office that performed the work, and year.

<u>Date</u>	<u>Name and Registration Number</u>	<u>File Number</u>
1967	Douglas County Surveyor's Office	CS 54/58-1
1970	Douglas County Surveyor's Office	CS 54/40-196
1970	Douglas County Surveyor's Office	CS 54/40-198

The survey was executed in accordance with the specification set forth in the Manual of Surveying Instructions (2009), and the special instructions approved October 2, 2019, for Group No. 2957, 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 the use of electronic measuring equipment. Measured distances and directions have been adjusted by computer software that incorporates a compass rule 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 was thoroughly verified and only the true line 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 and each monument established or reestablished has a magnet deposited in a white plastic case at the base of the stainless steel post, unless otherwise noted in the corner description. Aluminum angle irons were driven alongside each monument unless a similar marker was already in place.

T. 29 S., R. 2 W., Willamette Meridian, Oregon

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Only those lines bounding Federal interest land were posted and blazed.

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 3 and 4 only on the north boundary of the township:

Latitude: 43° 05' 01.72" N. Longitude: 122° 56' 29.76" W.

The corner of sections 22, 23, 26, and 27:

Latitude: 43° 02' 01.73" N. Longitude: 122° 55' 19.88" W.

**Dependent Resurvey of a Portion of the North Boundary,
T. 29 S., R. 2 W., Willamette Meridian, Oregon**

Restoring the survey by William H. Gibb in 1909 and
the resurvey and survey by Elmer F. Strickler in 1917

Beginning at the 1/4 sec. cor. of sec. 33 only, T. 28 S., R. 2 W., perpetuated by Douglas County Surveyor's Office, in 1970, File No. CS 54/40-196; monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 11 ins. above ground, with a brass cap mkd.

COUNTY SURVEYORS OFFICE

T 28 S

1/4 S 33

T 29 S

R 2 W

1970

from which the bearing tree reported by Strickler in 1917

A fir, 32 ins. diam., bears N. 23° W., 4.0 ft. dist., with a healed blaze.
(Original)

and a bearing tree mkd. by Douglas County Surveyor's Office

A fir, 12 ins. diam., bears N. 5 3/4° E., 53.8 ft. dist., with a healed blaze.

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

A fir, 35 ins. diam., bears S. 54 3/4° E., 21.8 ft. dist., with a healed blaze.

S. 89° 34' 02" E., bet. secs. 4 and 33, on the N. bdy. of the Tp.

**Dependent Resurvey of a Portion of the North Boundary,
T. 29 S., R. 2 W., Willamette Meridian, Oregon**

FEET

258.72

The cor. of secs. 3 and 4 only, perpetuated by the Douglas County Surveyor's Office, in 1970, File No. CS 54/40-198; monumented with an iron post, 1 1/2 ins. diam., firmly set, projecting 7 ins. above ground, with a Douglas County Surveyor's Office brass cap mkd.

COUNTY SURVEYORS OFFICE

T28S	R 2 W	_____	
T 29 S		S 4	S 3
			1970

from which the remains of a bearing tree reported by Strickler in 1917

A decayed hemlock stump, size indeterminate, bears S. 17 1/2° W., 9.2 ft. dist., no marks visible.

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

A hemlock, 26 ins. diam., bears S. 70 3/4° W., 36.2 ft. dist., with scribe marks T29S R2W S4 BT visible on partially healed blaze.

and a new bearing tree

A fir, 16 ins. diam., bears S. 53° E., 24.9 ft. dist., mkd. T29S R2W S3 BT.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 29 S., R. 2 W., Willamette Meridian, Oregon**

Restoring the survey by Elmer F. Strickler in 1917

From the cor. of secs. 22, 23, 26, and 27, monumented with the original iron post, 2 ins. diam., firmly set, projecting 18 ins. above ground, with a brass cap mkd.

T 29 S	R 2 W
S 22	S 23

S 27	S 26
	1917

from which the remains of the original bearing trees

A fir snag, 42 ins. diam., bears N. 50 1/2° E., 21.8 ft. dist., with a healed blaze.

A decayed fir stump, size indeterminate, bears S. 21 1/2° W., 36.3 ft. dist., no marks visible.

A cedar, 21 ins. diam., bears N. 48° W., 10.6 ft. dist., with a healed blaze.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 29 S., R. 2 W., Willamette Meridian, Oregon

FEET	
	<p>and new bearing trees</p> <p>A cedar, 19 ins. diam., bears N. 67 3/4° E., 12.5 ft. dist., mkd. T29S R2W S23 BT.</p> <p>A fir, 11 ins. diam., bears S. 27 3/4° E., 21.2 ft. dist., mkd. T29S R2W S26 BT.</p> <p>A fir, 7 ins. diam., bears S. 15 1/2° W., 19.7 ft. dist., mkd. T29S R2W S27 BT.</p> <p>N. 0° 19' 15" E., bet. secs. 22 and 23.</p>
2644.02	<p>The 1/4 sec. cor. of secs. 22 and 23, monumented with the original iron post, 1 in. diam., firmly set, projecting 12 ins. above ground, with a brass cap mkd.</p> <div style="text-align: center;"> <p>1/4 S 22 S 23 1917</p> </div> <p>from which the remains of an original bearing tree</p> <p>A decayed fir stump, size indeterminate, bears N. 52 3/4° W., 13.9 ft. dist., no marks visible.</p>
	<p>and new bearing trees</p> <p>A fir, 9 ins. diam., bears N. 59° E., 22.5 ft. dist., mkd. 1/4 S23 BT.</p> <p>A fir, 22 ins. diam., bears N. 45 1/2° W., 32.9 ft. dist., mkd. 1/4 S22 BT.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0° 21' 19" E., beginning new measurement.</p>
2644.63	<p>The cor. of secs. 14, 15, 22, and 23, monumented with the original iron post, 2 ins. diam., firmly set, projecting 3 ins. above ground, with a brass cap mkd.</p> <div style="text-align: center;"> <p>T 29 S R 2 W S 15 S 14 ----- S 22 S 23 1917</p> </div> <p>from which the remains of the original bearing trees</p> <p>A fir, 27 ins. diam., bears N. 58 3/4° E., 48.2 ft. dist., with a healed blaze.</p> <p>A cedar snag, 31 ins. diam., bears S. 41 1/2° E., 19.8 ft. dist., no marks visible.</p> <p>A fir, 31 ins. diam., bears N. 38 3/4° W., 41.6 ft. dist., with a healed blaze.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 29 S., R. 2 W., Willamette Meridian, Oregon

FEET	
	<p>and new bearing trees</p> <p>A cedar, 13 ins. diam., bears S. 14 1/4° E., 40.9 ft. dist., mkd. T29S R2W S23 BT.</p> <p>A fir, 18 ins. diam., bears S. 10 1/4° W., 49.3 ft. dist., mkd. T29S R2W S22 BT.</p>
	<p>S. 89° 37' 13" W., bet. secs. 15 and 22.</p>
685	<p>Dirt road, 10 ft. wide, bears S. 30° E. and N. 30° W.</p>
1323.47	<p>Point for the E 1/16 sec. cor. of secs. 15 and 22.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>S 15 E 1/16 ——— S 22 2019</p> </div>
	<p>from which</p> <p>A cedar, 9 ins. diam., bears N. 17 1/2° E., 20.3 ft. dist., mkd. E1/16 S15 BT.</p> <p>A fir, 9 ins. diam., bears S. 70 1/4° E., 18.0 ft. dist., mkd. E1/16 S22 BT.</p>
2646.94	<p>The 1/4 sec. cor. of secs. 15 and 22, perpetuated by the Douglas County Surveyors Office, in 1967; monumented with the original iron post, 36 ins. long, 1 in. diam., loosely set, and bent, projecting 8 ins. above ground, with a brass cap mkd. 1/4 S15 S22 1917, from which the remains of an original bearing tree</p> <p>A decayed fir stump, size indeterminate, bears S. 11 1/2° W., 30.4 ft. dist., no marks visible.</p> <p>and the remains of the bearing trees mkd. by the Douglas County Surveyor's Office</p> <p>A roothole bears N. 10 3/4° E., 26.8 ft. dist., alongside of which is a downed yew snag, size indeterminate, no marks visible.</p> <p>A decayed fir stump, size indeterminate, bears S. 58 3/4° W., 21.3 ft. dist., no marks visible.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, with brass cap mkd.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 29 S., R. 2 W., Willamette Meridian, Oregon

FEET	
	<p style="text-align: center;">T 29 S R 2 W S 15 1/4 ——— S 22 2019</p> <p>and new bearing trees</p> <p style="padding-left: 40px;">A fir, 16 ins. diam., bears S. 76 1/2° W., 28.7 ft. dist., mkd. 1/4 S22 BT.</p> <p style="padding-left: 40px;">A fir, 15 ins. diam., bears N. 21 3/4° W., 12.5 ft. dist., mkd. 1/4 S15 BT.</p> <p>Deposit the original iron post alongside the stainless steel post.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 10 and 15, monumented with the original iron post, 1 in. diam., firmly set, projecting 14 ins. above ground, with a brass cap mkd.</p> <p style="text-align: center;">S 10 1/4 ——— S 15 1917</p> <p>from which new bearing trees</p> <p style="padding-left: 40px;">A fir, 16 ins. diam., bears S. 0 1/4° E., 9.5 ft. dist., mkd. 1/4 S15 BT.</p> <p style="padding-left: 40px;">A fir, 16 ins. diam., bears N. 18° W., 3.3 ft. dist., mkd. 1/4 S10 BT.</p> <p>S. 88° 57' 42" W., bet. secs. 10 and 15.</p>
1330.52	<p>Point for the W 1/16 sec. cor. of secs. 10 and 15.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 32 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">S 10 W 1/16 ——— S 15 2019</p> <p>from which</p> <p style="padding-left: 40px;">An iron rod, 30 ins. long, 5/8 in. diam., set 30 ins. in the ground, for a reference monument, bears N. 29° 28' 13" E., 35.32 ft. dist., with aluminum cap mkd. RM W1/16 S10 34.8 FT TO COR 2019 and an arrow pointing to the cor.</p> <p style="padding-left: 40px;">A fir, 20 ins. diam., bears S. 41° W., 18.6 ft. dist., mkd. W1/16 S15 BT.</p> <p>Corner is located in center of a dirt road, 10 ft. wide, bears S. 60° E. and N. 60° W.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 29 S., R. 2 W., Willamette Meridian, Oregon

FEET 2365	Graveled road, 10 ft. wide, bears S. 15° E. and N. 15° W.										
2661.04	<p>The cor. of secs. 9, 10, 15 and 16, monumented with the original iron post, 2 ins. diam., firmly set, projecting 16 ins. above ground, in a collar of stone, with a brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="margin: auto; border-collapse: collapse;"> <tr><td colspan="2">T 29 S R 2 W</td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">S 9</td><td style="padding: 0 5px;">S 10</td></tr> <tr><td colspan="2" style="border-top: 1px solid black; border-bottom: 1px solid black;"></td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">S 16</td><td style="padding: 0 5px;">S 15</td></tr> <tr><td colspan="2">1917</td></tr> </table> </div> <p>from which the remains of a bearing tree mkd. by person(s) unknown</p> <p style="margin-left: 40px;">A decayed fir stump, 19 ins. diam., bears N. 50 1/2° E., 8.5 ft. dist., with scribe marks T2 visible on a partially opened blaze .</p> <p>and new bearing trees</p> <p style="margin-left: 40px;">A fir, 9 ins. diam., bears N. 44 1/4° E., 12.5 ft. dist., mkd. T29S R2W S10 BT and a Mag Nail at the base on left side center.</p> <p style="margin-left: 40px;">A fir, 16 ins. diam., bears S. 4 1/4° E., 34.8 ft. dist., mkd. T29S R2W S15 BT.</p> <p style="margin-left: 40px;">A fir, 12 ins. diam., bears N. 89 3/4° W., 6.8 ft. dist., mkd. X BT.</p> <p style="margin-left: 40px;">A fir, 12 ins. diam., bears N. 63 3/4° W., 21.1 ft. dist., mkd. T29S R2W S9 BT.</p> <hr style="width: 60%; margin: 20px auto;"/> <p>N. 0° 42' 56" E., bet. secs. 9 and 10.</p>	T 29 S R 2 W		S 9	S 10			S 16	S 15	1917	
T 29 S R 2 W											
S 9	S 10										
S 16	S 15										
1917											
2681.78	<p>The 1/4 sec. cor. of secs. 9 and 10, monumented with the original iron post, 1 in. diam., firmly set, projecting 4 ins. above ground, with a brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="margin: auto; border-collapse: collapse;"> <tr><td colspan="2">T 29 S R 2 W</td></tr> <tr><td colspan="2" style="text-align: center;">1/4</td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">S 9</td><td style="padding: 0 5px;">S 10</td></tr> <tr><td colspan="2">1917</td></tr> </table> </div> <p>from which new bearing trees</p> <p style="margin-left: 40px;">A fir, 12 ins. diam., bears N. 66 1/2° E., 22.9 ft. dist., mkd. 1/4 S10 BT.</p> <p style="margin-left: 40px;">A hemlock, 15 ins. diam., bears S. 39° W., 27.1 ft. dist., mkd. 1/4 S9 BT.</p> <hr style="width: 20%; margin: 20px auto;"/> <p>N. 0° 22' 28" E., beginning new measurement.</p>	T 29 S R 2 W		1/4		S 9	S 10	1917			
T 29 S R 2 W											
1/4											
S 9	S 10										
1917											
2643.53	<p>The cor. of secs. 3, 4, 9, and 10, monumented with the original iron post, 2 ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd.</p>										

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 29 S., R. 2 W., Willamette Meridian, Oregon

FEET	
	<div style="text-align: center;"> <p>T 29 S R 2 W S 4 S 3 ----- S 9 S 10 1917</p> </div> <p>from which the remains of the original bearing trees</p> <p>A fir stump, 12 ins. diam., bears S. 18° E., 30.4 ft. dist., with a healed blaze.</p> <p>A fir stump, 14 ins. diam., bears S. 22° W., 29.0 ft. dist., with a healed blaze.</p> <p>and new bearing trees</p> <p>A fir, 9 ins. diam., bears N. 43° E., 19.2 ft. dist., mkd. T29S R2W S3 BT.</p> <p>A fir, 12 ins. diam., bears S. 25 3/4° E., 9.8 ft. dist., mkd. T29S R2W S10 BT.</p> <p>A fir, 6 ins. diam., bears S. 48 1/4° W., 4.6 ft. dist., mkd. X BT.</p> <p>A fir, 23 ins. diam., bears N. 13 1/4° W., 9.3 ft. dist., mkd. T29S R2W S4 BT.</p>
2378.60	<p>N. 0° 39' 22" E., bet. secs. 3 and 4.</p> <p>The cor. of secs. 3 and 4 only on the N. bdy. of the Tp.</p>
2648.94	<div style="text-align: center;"> <p>Subdivision of Section 15, T. 29 S., R. 2 W., Willamette Meridian, Oregon</p> </div> <p>From the 1/4 sec. cor. of secs. 15 and 22.</p> <p>N. 0° 06' 46" E., on the N. and S. center line of sec. 15.</p> <p>Point for the center 1/4 sec. cor. of sec. 15, at intersection with the E. and W. center line.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 29 S R 2 W C 1/4 S 15 2019</p> </div>

Subdivision of Section 15,
T. 29 S., R. 2 W., Willamette Meridian, Oregon

FEET	
	<p>from which</p> <p>A fir, 13 ins. diam., bears S. 73 1/4° W., 14.8 ft. dist., mkd. C1/4 S15 BT.</p> <p>A fir, 8 ins. diam., bears N. 10 1/4° W., 13.5 ft. dist., mkd. X BT.</p>
4050	Graveled road, 10 ft. wide, bears E. and W.
5299.74	The 1/4 sec. cor. of secs. 10 and 15.
	<hr/> <p>From the 1/4 sec. cor. of secs. 14 and 15, monumented with the original iron post, 1 in. diam., firmly set, projecting 10 ins. above ground, with a brass cap mkd. 1/4 S14 S15 1917, from which the remains of the original bearing trees</p> <p>A fir stump, 27 ins. diam., bears S. 60 1/4° E., 29.0 ft. dist., with a healed blaze. (Record, S. 63° E.)</p> <p>A fir stump, 29 ins. diam., bears S. 59 1/2° W., 17.8 ft. dist., with a healed blaze. (Record, S. 64 1/2° W.)</p> <p>At the corner point</p> <p>Add marks to the brass cap to now read</p> <div style="text-align: center;"> <p>T 29 S R 2 W</p> <p>1/4</p> <p>S 15 S 14</p> <p>2019</p> <p>1917</p> </div> <p>and new bearing trees</p> <p>A fir, 10 ins. diam., bears N. 44° E., 22.8 ft. dist., mkd. 1/4 S14 BT.</p> <p>A fir, 8 ins. diam., bears N. 85 1/4° W., 10.2 ft. dist., mkd. 1/4 S15 BT.</p> <p>S. 89° 45' 39" W., on the E. and W. center line of sec. 15.</p>
1324.51	<p>Point for the center E 1/16 sec. cor. of sec. 15.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>E 1/16</p> <p>C — C</p> <p>S 15</p> <p>2019</p> </div>

Subdivision of Section 15,
T. 29 S., R. 2 W., Willamette Meridian, Oregon

FEET	
	<p>from which</p> <p>A hemlock, 8 ins. diam., bears N. 41 3/4° E., 35.7 ft. dist., mkd. CE1/16 S15 BT.</p> <p>A fir, 12 ins. diam., bears S. 45 3/4° E., 34.0 ft. dist., mkd. X BT.</p>
2100	Dirt road, 10 ft. wide, bears N. 25° E. and S. 25° W.
2500	Drainage, 6 ft wide, course S. 25° W.
2649.02	The center 1/4 sec. cor. of sec. 15.
5301.02	<p>The 1/4 sec. cor. of secs. 15 and 16, monumented with the original iron post, 1 in. diam., loosely set and bent over, projecting 10 ins. above ground, with a brass cap mkd. 1/4 S16 S15 1917.</p> <p>At the corner point</p> <p>Straighten and reset the 1917 iron post, 36 ins. long, 1 in. diam., 31 ins. in the ground, and add marks to the brass cap to now read</p> <div style="text-align: center;"> <p>T 29 S R 2 W</p> <p>1/4</p> <p>S 16 S 15</p> <p>2019</p> <p>1917</p> </div> <p>from which new bearing trees</p> <p>A fir, 9 ins. diam., bears S. 29° E., 26.7 ft. dist., mkd. 1/4 S15 BT.</p> <p>A fir, 8 ins. diam., bears S. 84 3/4° W., 27.6 ft. dist., mkd. 1/4 S16 BT.</p> <hr/> <p>From the E 1/16 sec. cor. of secs. 15 and 22.</p> <p>N. 0° 8' 21" E., on the N. and S. center line of the SE1/4 of sec. 15.</p>
2010	Dirt road, 10 ft. wide, bears S. 40° E. and N. 40° W.
2645.70	The center E 1/16 sec. cor. of sec. 15.