

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

FIELD NOTES

OF THE DEPENDENT RESURVEY OF A
PORTION OF THE SUBDIVISIONAL LINES,
TOWNSHIP 32 SOUTH, RANGE 4 WEST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON

EXECUTED BY

Ernest Q. Lundeen, Cadastral Surveyor

Under Special Instructions approved June 18, 2015,
which provided for the surveys included under Group No. 2790,
and Assignment Instructions dated June 18, 2015.

Survey commenced July 6, 2015

Survey completed July 23, 2015

T. 32 S., R. 4 W., Willamette Meridian, Oregon

FEET	<p>The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, Township 32 South, Range 4 West, Willamette Meridian, Oregon.</p> <p>The history of the official surveys pertaining to this survey is as follows:</p> <p>In 1871, William 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, and certified copy dated November 5, 1929.</p> <p>In 1897, Winfield S. Chapman and Carl S. Nicklin, U.S. Deputy Surveyors, completed the survey of the subdivisional lines, as shown on the official plat of survey approved March 25, 1898, and accepted July 22, 1898.</p> <p>In 1959, Hans W. Thielsen, Cadastral Surveyor, resurveyed a portion of the subdivisional lines, subdivided sections 10 and 24 and remonumented certain original corner points, as shown on the official plat of survey approved November 3, 1960.</p> <p>In 1971, Larry D. Evans, Cadastral Surveyor, resurveyed a portion of the subdivisional lines and subdivided sections 7 and 17, as shown on the official plat of survey accepted November 9, 1977.</p> <p>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. or title, and year.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;"><u>Date</u></th> <th style="text-align: left;"><u>Name and Registration Number or Title</u></th> <th style="text-align: left;"><u>File Number</u></th> </tr> </thead> <tbody> <tr> <td>1946</td> <td>George J. Wendroth, PLS No. 5</td> <td>CS 39/158</td> </tr> <tr> <td>2009</td> <td>Mark F. Smalley, PLS No. 2354</td> <td>CS 65/66-30</td> </tr> <tr> <td>2010</td> <td>Kristian O. DeGroot, PLS No. 1941</td> <td>M157-32</td> </tr> </tbody> </table> <p>The survey was executed in accordance with the specification set forth in the <u>Manual of Surveying Instructions</u> (2009), and the Special Instructions approved June 18, 2015, for Group No. 2790, Oregon.</p> <p>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 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.</p> <p>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 true line field notes are given herein.</p>	<u>Date</u>	<u>Name and Registration Number or Title</u>	<u>File Number</u>	1946	George J. Wendroth, PLS No. 5	CS 39/158	2009	Mark F. Smalley, PLS No. 2354	CS 65/66-30	2010	Kristian O. DeGroot, PLS No. 1941	M157-32
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T. 32 S., R. 4 W., Willamette Meridian, Oregon

FEET

Only those lines which represent the Bureau of Land Management (BLM) property lines were posted with aluminum angle posts, 5 feet long, 1 inch x 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 south 1/16 section corner of section 17 only:

Latitude: 42° 47' 18.90" N. Longitude: 123° 12' 29.66" W.

The corner of sections 9, 10, 15, and 16:

Latitude: 42° 47' 56.78" N. Longitude: 123° 10' 18.49" W.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 32 S., R. 4 W., Willamette Meridian, Oregon**

Restoring the 1871 survey by William H. Byars,
the 1897 survey by Winfield S. Chapman and Carl S. Nicklin,
the 1959 resurvey and remonumentation by Hans W. Thielsen,
and the 1971 resurvey by Larry D. Evans

Beginning at the cor. of secs. 9, 10, 15, and 16, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd.

T 32 S	R 4 W
S 9	S 10
S 16	S 15
1959	

from which bearing trees mkd. by Thielsen in 1959

A fir, 23 ins. diam., bears N. 82 3/4° E., 25.8 ft. dist., with a healed blaze.
(Record, N. 84° E., 27.1 ft.)

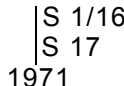
A fir, 16 ins. diam., bears S. 27 1/2° E., 36.9 ft. dist., with a healed blaze.
(Record, S. 32 1/4° E., 36.3 ft.)

A fir, 21 ins. diam., bears S. 5 1/4° W., 28.4 ft. dist., with a healed blaze.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 32 S., R. 4 W., Willamette Meridian, Oregon**

FEET	
2649.60	<p>A fir, 17 ins. diam., bears N. 24 3/4° W., 9.9 ft. dist., with a healed blaze. (Record, N. 28 1/2° W., 10.6 ft.)</p> <p>N. 88° 24' 38" W., bet. secs. 9 and 16.</p> <p>The 1/4 sec. cor. of secs. 9 and 16, perpetuated by the Douglas County Surveyor's Office in 1970, as shown on the Douglas County Surveyor's Office renewal record in T. 32 S., R. 4 W., point identifier No. 340500; monumented with an iron post, 1 1/2 ins. diam., firmly set, projecting 9 ins. above the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 32 S R 4 W S 9 1/4 _____ S 16 1970</p> </div> <p>from which the remains of original bearing trees</p> <p>A fir, 45 ins. diam., bears N. 51° E., 12.5 ft. dist., with illegible scribe marks visible on opened blaze.</p> <p>A sawed fir stump, 60 ins. diam., bears S. 15° E., 7.9 ft. dist., with a healed blaze, and scribe marks S16 visible on another blaze, partially healed as scribed by the Douglas County Surveyor's Office.</p> <p>and a bearing tree mkd. by the Douglas County Surveyor's Office</p> <p>A fir, 17 ins. diam., bears N. 46 1/4° W., 13.8 ft. dist., with a healed blaze.</p> <p>and a new bearing tree</p> <p>A fir, 9 ins. diam., bears S. 18° W., 42.5 ft. dist., mkd. X at breast height and BT at the base.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 88° 26' 03" W., beginning new measurement.</p>
2693.29	<p>The cor. of secs. 8, 9, 16, and 17, perpetuated by Smalley, PLS No. 2354, in 2009; monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 32 S R 4 W S 8 S 9 ----- S 17 S 16 1971</p> </div> <p>from which the remains of original bearing trees</p> <p>A fir, 41 ins. diam., bears N. 83 3/4° E., 87.6 ft. dist., with a healed blaze. (Record, N. 83° E., 86.5 ft.)</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 32 S., R. 4 W., Willamette Meridian, Oregon**

FEET	
	<p>A sawed fir stump, 46 ins. diam., bears S. 68° E., 46.9 ft. dist., with open rotted blaze.</p> <p>and the remains of a bearing tree mkd. by George J. Wendroth, Deputy County Surveyor, in 1948, as reported by Evans in 1971.</p> <p>A sawed madrone stump, 10 ins. diam., bears N. 68° W., 21.8 ft. dist., with a rotted blaze.</p> <p>and bearing trees mkd. by Smalley</p> <p>A fir, 6 ins. diam., bears S. 58° E., 14.9 ft. dist., with a washer mkd. LS 2354 in healed blaze and an aluminum nail right side center.</p> <p>A fir, 10 ins. diam., bears S. 79 1/2° W., 20.4 ft. dist., with a washer mkd. LS 2354 in partially healed blaze.</p> <p>A fir, 11 ins. diam., bears N. 2 1/4° W., 12.6 ft. dist., with a washer mkd. LS 2354 in partially healed blaze and an aluminum nail left side center.</p>
	<p>From the S. 1/16 sec. cor. of sec. 17 only, monumented with an iron post, 2 1/2 ins. diam., flush with ground with brass cap, oriented south, mkd.</p> <div style="text-align: center;">  </div>
	<p>from which bearing trees mkd. by Wendroth, PLS No. 5, in 1946</p> <p>A fir, 28 ins. diam., bears N. 25 1/2° E., 121.1 ft. dist., with a healed blaze. (Record, 121.8 ft.)</p> <p>An apple, 24 ins. diam., bears S. 81 3/4° E., 327.7 ft. dist., with illegible scribe marks visible on partially healed blaze. (Record, 328.7 ft.)</p> <p>The cor. is located at the cor. of fences, extending N. and E.</p> <p>Note: No evidence of the aluminum conduit pipe established by Wendroth in 1946, reported by Evans, was recovered during the course of this survey.</p> <p>N. 0° 31' 52" W., bet. secs. 17 and 18.</p>
648.38	<p>The 1/4 sec. cor. of sec. 18 only, reestablished by DeGroot, PLS No. 1941, in 2010, at record latitudinal distance, per Evans' 1971 resurvey, from the cor. established by Wendroth, PLS No. 5, in 1946, and on line between the 1/4 sec. cor. and the S. 1/16 sec. cor. of sec. 17 only, on the E. bdy. of sec. 18, as resurveyed by DeGroot. There is no remaining evidence of the original cor. and this position is accepted as the cor.; monumented with an iron rod, 5/8 in. diam., firmly set, projecting 5 ins. above the ground, with an aluminum cap, 2 ins. diam., mkd.</p>

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Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 32 S., R. 4 W., Willamette Meridian, Oregon

FEET	
	<p style="text-align: center;">T 32 S R 4 W 1/4 S 18 ONLY 2010 PLS 1941</p> <p>from which bearing trees mkd. by DeGroot</p> <p>A fir, 10 ins. diam., bears S. 88 1/2° W., 9.8 ft. dist., with illegible scribe marks visible on partially healed upper blaze and scribe mark T visible on partially healed lower blaze.</p> <p>A fir, 12 ins. diam., bears N. 14 3/4° W., 11.6 ft. dist., with illegible scribe marks visible on partially healed upper and lower blazes.</p> <p>From this cor., a point established by Wendroth, PLS No. 5, in 1946, and perpetuated by Wendroth, Deputy County Surveyor, in 1960, under C.S. File No. 52/29, bears S. 50° W., 6.96 ft. dist., this point was used by DeGroot to reestablish the 1/4 sec. cor. of sec. 18 only; monumented with an iron pipe, 1 in. diam., firmly set, projecting 6 ins. above the ground, from which bearing trees mkd. by Wendroth in 1946.</p> <p>A rotted sawed fir stump, 30 ins. diam., bears S. 16° W., 41.6 ft. dist., with illegible scribe marks visible on rotted opened blaze.</p> <p>A rotted sawed fir stump, 40 ins. diam., bears N. 46 1/2° W., 38.3 ft. dist., with scribe marks S 8 CS visible on exposed blaze.</p> <p>and bearing trees mkd. by Wendroth in 1960</p> <p>A cedar, 39 ins. diam., bears S. 45 1/2° W., 153.5 ft. dist., with a healed blaze.</p> <p>A fir, 18 ins. diam., bears N. 15 3/4° W., 69.3 ft. dist., with a healed double blaze.</p> <hr/> <p>N. 0° 40' 47" W., beginning new measurement.</p>
668.37	<p>The 1/4 cor. of sec. 17 only, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd.</p> <p style="text-align: center;">T 32 S R 4 W 1/4 S 17 1971</p> <p>from which bearing trees mkd. by Wendroth, PLS No. 5, in 1946</p> <p>A fir, 43 ins. diam., bears N. 25 3/4° E., 8.9 ft. dist., with a healed blaze.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 32 S., R. 4 W., Willamette Meridian, Oregon**

FEET	<p>A chinquapin, 17 ins. diam., bears S. 20° E., 11.9 ft. dist., with a healed blaze.</p> <p>From this cor., a point established by Wendroth, PLS No. 5, in 1946, bears S. 64° W., 4.95 ft. dist.; monumented with an iron pipe, 1 in. diam., firmly set, projecting 6 ins. above the ground.</p> <p>From this same cor., another point established by Wendroth, PLS No. 5, in 1946, bears S. 22° W., 12.87 ft. dist.; monumented with an iron pipe, 3/4 in. diam., firmly set, projecting 6 ins. above the ground, from which bearing trees mkd. by Wendroth.</p> <p>A chinquapin, 7 ins. diam., bears S. 44 3/4° W., 4.7 ft. dist., with illegible scribe marks visible on partially healed upper and lower blazes. (Record, S.47 1/2° W., 4.0 ft.)</p> <p>A madrone 9 ins. diam., bears N. 32° W., 16.8 ft. dist., with illegible scribe marks visible on partially healed upper and lower blazes.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0° 34' 51" W., beginning new measurement.</p>								
1967.92	<p>The cor. of secs. 7 and 18 only, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="border-collapse: collapse; margin: 0 auto;"> <tr> <td style="padding: 0 5px;">T 32 S</td> <td style="padding: 0 5px;">R 4 W</td> </tr> <tr> <td style="padding: 0 5px;">S 7</td> <td style="padding: 0 5px;">S 17</td> </tr> <tr> <td style="border-top: 1px solid black; padding: 0 5px;">S 18</td> <td style="border-left: 1px solid black; padding: 0 5px;"></td> </tr> <tr> <td></td> <td style="padding: 0 5px;">1971</td> </tr> </table> </div> <p>from which bearing trees mkd. by Wendroth, PLS No. 5, in 1946</p> <p>An oak snag, 11 ins. diam., bears S. 15 3/4° W., 58.7 ft. dist., with a healed blaze.</p> <p>An oak, 7 ins. diam., bears N. 9 1/2° W., 37.9 ft. dist., with a healed blaze.</p> <p>and bearing trees mkd. by Evans in 1971</p> <p>A fir, 26 ins. diam., bears S. 60° W., 26.4 ft. dist., with a healed blaze.</p> <p>A fir, 26 ins. diam., bears N. 50° W., 23.8 ft. dist., with a double healed blaze.</p> <hr style="width: 60%; margin: 10px auto;"/>	T 32 S	R 4 W	S 7	S 17	S 18			1971
T 32 S	R 4 W								
S 7	S 17								
S 18									
	1971								