

22602

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

FIELD NOTES
OF THE
DEPENDENT RESURVEY OF
A PORTION OF THE SUBDIVISIONAL LINES

TOWNSHIP 24 SOUTH, RANGE 4 WEST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON.

EXECUTED BY

A. Bert Skeesick, Cadastral Surveyor

Robert H. Browning, Surveying Technician

Under Special Instructions dated April 17, 2007, approved
April 23, 2007, which provided for the surveys included under
Group No. 2168, and Assignment Instructions dated May 17, 2007.

Survey commenced May 29, 2007

Survey completed November 6, 2007

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

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The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, Township 24 South, Range 4 West, of the Willamette Meridian, Oregon.

The history of surveys that pertain to this survey is as follows:

In 1855-56, Harvey Gordon and Charles T. Gardner, U.S. Deputy Surveyors, surveyed the south and west boundaries, and a portion of the north boundary and subdivisional lines.

In 1896-97, Oscar F. Thiel, U.S. Deputy Surveyor, retraced a portion of the north boundary and subdivisional lines and surveyed the remainder of the subdivisional lines.

In 1957, Lynn M. Roseberry, Cadastral Surveyor, resurveyed a portion of the subdivisional lines.

In 1979, James E. Jelley, Cadastral Surveyor, resurveyed a portion of the south boundary, T. 23 S., R. 4 W., a portion of the south boundary, subdivisional lines and claim lines, and subdivided section 15, T. 24 S., R. 4 W.

In 1984-85, Lance J. Bishop and James L. White, Cadastral Surveyors, resurveyed a portion of the subdivisional lines and subdivided section 9.

In 1988, Boyd W. Peterson, Cadastral Surveyor, resurveyed a portion of the subdivisional lines.

In 1997, Wayne L. Rogers, Cadastral Surveyor, resurveyed a portion of the subdivisional lines.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated April 17, 2007, for Group No. 2168, Oregon.

The survey was performed using both conventional (directly measured angles and distances) and NAVSTAR Global Positioning System (GPS) satellite techniques. The GPS measurements utilized dual frequency, carrier phase GPS receivers. The baselines were computed in and adjusted by least squares analysis. The GPS portion of the survey was executed in accordance with the "Standards and Guidelines for Cadastral Surveys Using Global Positioning System Methods", dated May 9, 2001, published by the United States Department of the Interior, Bureau of Land Management, and the United States Department of Agriculture, Forest Service.

The directions of the lines refer to the true meridian as determined by a combination of direct solar observations and GPS measurements and carried forward by means of sustained angulation using conventional survey techniques. Directions along the lines were derived through the use of electronic measuring equipment. Conventionally measured distances and directions have been adjusted by computer software that incorporates a least squares adjustment routine. In addition, the ratio of the adjustments

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(residuals) to the original unadjusted measurements did not exceed 1:4000. The adjusted bearings and distances are reported to the nearest second and 0.01 foot.

Preliminary to the resurvey, the lines of the prior surveys were retraced and search was made for all corners and other calls of record. Identified corners were remonumented in their original positions. Lost corners were reestablished and remonumented at proportionate positions based on the official record. The retracement data were 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, unless otherwise noted in the corner description.

The geographic position (NAD 1983 (CORS 96)) of the corner of sections 3, 4, 9, and 10, as determined by a direct tie to a temporary point for which a position had been determined, to an accuracy level of less than 0.050 meters, 95% confidence level, relative to the National Spatial Reference System stations "DCSO CORS ARP" and OBEC CONS COOP CORS ARP", is as follows:

Latitude: 43° 30' 16.39" N. Longitude: 123° 10' 02.68" W.

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

(Restoring the 1855-56 survey by Harvey Gordon and Charles T. Gardner, the 1896-97 survey by Oscar F. Thiel, the 1957 resurvey by Lynn M. Roseberry, the 1979 resurvey by James E. Jelley, the 1984-85 resurvey by Lance J. Bishop and James L. White, the 1988 resurvey by Boyd W. Peterson, and the 1997 resurvey by Wayne L. Rogers)

Beginning at the cor. of secs. 2, 3, 10, and 11, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 6 ins. above ground (a "T" shaped iron rod, 1 in. diam., driven alongside, projecting 14 ins. above ground), with brass cap mkd.

T24S	R4W
S 3	S 2
S10	S11
1957	

from which the remains of an orig. bearing tree

**Dependent Resurvey of a Portion of the Subdivisional Lines
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	<p>A fir, 11 ins. diam., bears S. 75 1/4° W., 4.0 ft. dist., mkd. 1/4 S3 BT.</p> <hr/> <p>N. 0° 00' 21" E., beginning new measurement.</p> <p>Descend broken NW. slope, asc. broken SW. slope, and desc. broken NW. slope, posting and blazing.</p>
745	Creek, 1 ft. wide, course S. 60 °W.; asc. broken S. slope.
1397	Spur, slopes S. 78° W.; desc. broken NW. slope and asc. broken S. slope.
2418	Graveled road, 16 ft. wide, bears N. 66° E. and S. 78° W.
2591.36	The cor. of secs. 2 and 3 only, on the N. bdy. of the Tp., described in the field notes of the dependent resurvey of a portion of the S. bdy., T. 23 S., R. 4 W., executed concurrently under this same group.
	<hr/> <p>From the cor. of secs. 2, 3, 10, and 11.</p> <p>S. 88° 46' 42" W., bet. secs. 3 and 10.</p> <p>Descend broken SW. slope, posting and blazing.</p>
137	Creek, 3 ft. wide, course N. 55° W.; asc. broken NE. slope.
2646.75	The 1/4 sec. cor. of secs. 3 and 10, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd.
	<p>T24S R4W S3 1/4 <hr style="width: 50px; margin: 0 auto;"/> S10 1997</p>
	<p>from which the remains of the orig. bearing trees</p> <p style="padding-left: 40px;">A decayed fir stump, size indeterminate, bears N. 75° E., 22.4 ft. dist., with no marks visible.</p> <p style="padding-left: 40px;">A decayed fir stump, 13 ins. diam., bears S. 82° W., 18.5 ft. dist., with scribe marks 1/4 S BT visible on wood fragment lying alongside.</p> <p>and remains of bearing trees mkd. by Milo E. Godfrey, Deputy County Surveyor, in 1963, recorded in the Douglas County Surveyors Record of Government Corners Renewed, T. 24 S., R. 4 W., Point Identifier No. 440600, reported by Rogers</p> <p style="padding-left: 40px;">A fir snag, 17 ins. diam., bears N. 18° E., 35.0 ft. dist., with a healed blaze.</p>

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

FEEET	<p>A hollowed fir snag, 8 ins. diam., bears S. 36 1/4° E., 39.6 ft. dist., with no marks visible. (Record, S. 35° W.)</p> <p>and bearing tree mkd. by Rogers</p> <p>A fir, 10 ins. diam., bears S. 26° E., 23.8 ft. dist., with a healed blaze.</p> <p>and new bearing tree</p> <p>A fir, 5 ins. diam., bears N. 24 3/4° E., 22.0 ft. dist., mkd. 1/4 S3 BT.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 89° 22' 43" W., beginning new measurement.</p> <p>Continue desc. NW. slope and broken SW. slope and asc. broken NE. slope, posting and blazing.</p>															
2629.84	<p>The cor. of secs. 3, 4, 9, and 10, monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 16 ins. above ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="border-collapse: collapse; margin: 0 auto;"> <tr> <td colspan="3" style="padding: 0 10px;">SURVEYORS</td> </tr> <tr> <td style="padding: 0 5px;">COUNTY</td> <td style="padding: 0 5px;">T24S R4W</td> <td style="padding: 0 5px;">OFFICE</td> </tr> <tr> <td></td> <td style="text-align: center; border: 1px solid black; padding: 2px;">S4 S3</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center; border: 1px solid black; padding: 2px;">S9 S10</td> <td></td> </tr> <tr> <td></td> <td style="padding: 0 5px;">1961</td> <td></td> </tr> </table> </div> <p>from which the remains of the orig. bearing trees</p> <p>A root crown bears N. 36 1/2° E., 23.8 ft. dist., with no marks visible.</p> <p>A cedar snag, 35 ins. diam., bears S. 88° E., 58.1 ft. dist., with a healed blaze.</p> <p>A roothole bears S. 40° W., 30.4 ft. dist., with no marks visible.</p> <p>A sawed, decayed cedar stump, 40 ins. diam., bears N. 33° W., 35.6 ft. dist., with fragmentary scribe marks visible on an opened blaze.</p> <p>and remains of bearing trees mkd. by James W. Byron, Deputy County Surveyor, in 1961, reported by Rogers</p> <p>A hemlock, 27 ins. diam., bears N. 0 1/2° E., 48.5 ft. dist., with a healed blaze.</p> <p>A roothole bears S. 10 1/4° W., 48.5 ft. dist., with fallen hemlock snag, 10 ins. diam., lying alongside, with no marks visible.</p> <p>A hemlock, 26 ins. diam., bears N. 78° W., 23.1 ft. dist., with a healed blaze.</p>	SURVEYORS			COUNTY	T24S R4W	OFFICE		S4 S3			S9 S10			1961	
SURVEYORS																
COUNTY	T24S R4W	OFFICE														
	S4 S3															
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	1961															

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

FEEET	<p>and bearing tree mkd by Milo E. Godfrey, Deputy County Surveyor, in 1963, recorded in the Douglas County Surveyors Record of Government Corners Renewed, T. 24 S., R. 4 W., Point Identifier No. 400600, reported by Rogers</p> <p style="padding-left: 40px;">A cedar, 51 ins. diam., bears S. 38° E., 53.5 ft. dist., with no marks visible on an opened, hollowed blaze.</p> <p>and bearing tree mkd. by Rogers</p> <p style="padding-left: 40px;">A hemlock, 14 ins. diam., bears S. 58° W., 71.9 ft. dist., with fragmentary scribe marks visible on a partially healed blaze.</p> <hr/> <p>N. 0° 06' 02" E., bet. secs. 3 and 4.</p> <p>Descend broken N. slope and asc. broken SE. slope, posting and blazing.</p>																
2654.24	<p>The 1/4 sec. cor. of secs. 3 and 4, remonumented by James W. Byron, Deputy County Surveyor, in 1961, perpetuated by Milo E. Godfrey, Deputy County Surveyor, in 1963, and Larry E. Monrean, Douglas County Surveyors Office, in 1975, recorded in the Douglas County Surveyors Record of Government Corners Renewed, T. 24 S., R. 4 W., Point Identifier No. 400640, monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 11 ins. above ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="border-collapse: collapse; margin: auto;"> <tr> <td></td> <td colspan="2" style="text-align: center;">SURVEYORS</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">T24S</td> <td style="text-align: center;">R4W</td> <td></td> </tr> <tr> <td style="text-align: center; vertical-align: middle;">COUNTY</td> <td style="text-align: center; vertical-align: middle;">1/4 S4</td> <td style="text-align: center; vertical-align: middle;">S3</td> <td style="text-align: center; vertical-align: middle;">OFFICE</td> </tr> <tr> <td></td> <td colspan="2" style="text-align: center;">1961</td> <td></td> </tr> </table> </div> <p>from which the remains of the orig. bearing trees</p> <p style="padding-left: 40px;">A fallen, sawed, decayed fir stump, 25 ins. diam., bears S. 49° E., 10.6 ft. dist., with scribe marks 1/4 S visible on an opened blaze.</p> <p style="padding-left: 40px;">A sawed, decayed fir stump, 25 ins. diam., bears N. 13 1/2° W., 25.7 ft. dist., with scribe marks 1/4 S BT visible on an open blaze. (Record, 24.4 ft.)</p> <p>and remains of a bearing tree mkd. by Byron</p> <p style="padding-left: 40px;">A decayed fir stump, size indeterminate, bears S. 31° W., 38.0 ft. dist., with no marks visible.</p> <p>and remains of bearing trees mkd. by Godfrey</p> <p style="padding-left: 40px;">A sawed, decayed fir stump, 46 ins. diam., bears N. 78 1/4° E., 33.3 ft. dist., with a healed blaze.</p> <p style="padding-left: 40px;">A cedar, 37 ins. diam., bears S. 74 1/2° W., 111.0 ft. dist., with a healed blaze.</p>		SURVEYORS				T24S	R4W		COUNTY	1/4 S4	S3	OFFICE		1961		
	SURVEYORS																
	T24S	R4W															
COUNTY	1/4 S4	S3	OFFICE														
	1961																

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

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2579.72	<p>and bearing tree mkd. by Monrean</p> <p>A fir, 28 ins. diam., bears N. 6 3/4° E., 203.8 ft. dist., with a healed blaze.</p> <hr style="width: 30%; margin: 10px auto;"/> <p>N. 0° 39' 02" W., beginning new measurement.</p> <p>Continue asc. SE. slope and desc. broken NW. and E. slopes, posting and blazing.</p> <p>Intersect the N. bdy. of the Tp., and true point for the closing cor. of secs. 3 and 4.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 20px 0;"> <table style="margin: auto; border-collapse: collapse;"> <tr><td colspan="2">T23S R4W</td></tr> <tr><td colspan="2">S33</td></tr> <tr><td colspan="2"><hr style="width: 50%; margin: 0 auto;"/></td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">S4</td><td style="padding: 0 5px;">S3</td></tr> <tr><td style="border-right: 1px solid black; padding: 0 5px;">C</td><td style="padding: 0 5px;">C</td></tr> <tr><td colspan="2">T24S R4W</td></tr> <tr><td colspan="2">2007</td></tr> </table> </div> <p>from which</p> <p>A hemlock, 6 ins. diam., bears S. 53 1/4° E., 3.4 ft. dist., mkd. T24S R4W S3 CC BT.</p> <p>A cedar, 21 ins. diam., bears S. 79 1/2° W., 33.0 ft. dist., mkd. T24S R4W S4 CC BT.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>From this cor., the closing cor. of secs. 3 and 4 bears N. 0°39'02" W., 2.41 ft. dist., perpetuated by James W. Byron, Deputy County Surveyor, in 1959, and Milo E. Godfrey, Deputy County Surveyor, in 1963, recorded in the Douglas County Surveyors Record of Government Corners Renewed, T. 24 S., R. 4 W., Point Identifier No. 400700, monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 15 ins. above ground, with brass cap mkd. COUNTY SURVEYORS OFFICE T23S R4W S33 CC S4 S3 T24S 1959, from which the remains of the orig. bearing trees</p> <p>A fallen, sawed, decayed fir stump, size indeterminate, bears S. 56 3/4° E., 24.9 ft. dist., with no marks visible. (Record, S. 36° E., 23.1 ft.)</p>	T23S R4W		S33		<hr style="width: 50%; margin: 0 auto;"/>		S4	S3	C	C	T24S R4W		2007	
T23S R4W															
S33															
<hr style="width: 50%; margin: 0 auto;"/>															
S4	S3														
C	C														
T24S R4W															
2007															

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

F E E T

A fir, 59 ins. diam., bears S. 1° W., 18.5 ft. dist., with a healed blaze.
and remains of a bearing tree mkd. by Byron, reported by Jelley

A fallen, sawed, decayed cedar stump, 8 ins. diam., bears
S. 34 1/2° W., 42.0 ft. dist., with no marks visible. (Record,
S. 43° W., 34.6 ft.)
and bearing tree mkd. by Godfrey, reported by Jelley

A cedar, 37 ins. diam., bears S. 69° E., 62.0 ft. dist., with a healed
blaze.
Added the marks "AM" to the brass cap to read

		AM		
		SURVEYORS		
C O U N T Y		T23S R4W		O F F I C E
		S33		
	CC	S4 S3		
		T24S		
		1959		

From this same cor., the cor. of secs. 33 and 34 only, T. 23 S., R. 4 W., bears
S. 89° 59' 32" E., 196.53 ft. dist., described in the field notes of the dependent
resurvey of a portion of the S. bdy. of T. 23 S., R. 4 W., executed concurrently
under this same group.

From this same cor., the 1/4 sec. cor. of sec. 33 only, T. 23 S., R. 4 W., bears
N. 89° 59' 32" W., 2490.94 ft. dist., described in the field notes of the
dependent resurvey of a portion of the S. bdy. of T. 23 S., R. 4 W., executed
concurrently under this same group.

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

F E E T

GENERAL DESCRIPTION

The lands included in the foregoing survey are located in mountainous terrain of Douglas County, approximately 9 miles southeasterly of the community of Yoncalla, Oregon.

The elevation ranges from approximately 1400 feet above sea level near the 1/4 section corner of sections 3 and 10 to approximately 1000 feet above sea level near the closing corner of sections. 3 and 4 on the north boundary of the township.

The area is drained by Elk Creek.

Timber consists of fir, cedar, maple, and madrone. Undergrowth consists of salal, vine maple, poison oak, Oregon Grape, and fern.

The soil is generally composed of rocky clay.

Access to the survey was made by graveled roads branching from Romy Howard Road.