

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

FIELD NOTES

OF

THE DEPENDENT RESURVEY

OF A PORTION OF

THE SUBDIVISIONAL LINES

TOWNSHIP 29 SOUTH, RANGE 9 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 January 23, 2007,
approved February 1, 2007, which provided for the surveys

included under Group No. 2158, and

Assignment Instructions dated April 24, 2007.

Survey commenced April 30, 2007

Survey completed May 21, 2007

T. 29 S., R. 9 W., Willamette Meridian, Oregon

FEET	<p>The following field notes are those of the dependent resurvey of a portion of the subdivisional lines, Township 29 South, Range 9 West, Willamette Meridian, Oregon.</p> <p>The history of surveys pertaining to this survey is as follows:</p> <p>In 1856, Dennis Hathorn, U.S. Deputy Surveyor, surveyed the south, east, and a portion of the north boundaries, and a portion of the subdivisional lines.</p> <p>In 1875, William S. Chapman, U.S. Deputy Surveyor, surveyed the remainder of the north boundary, a portion of the west boundary, and a portion of the subdivisional lines.</p> <p>In 1907, William M. Porter, U.S. Deputy Surveyor, surveyed the remainder of the west boundary, resurveyed a portion of the west boundary, retraced a portion of the south boundary and subdivisional lines, and surveyed the remainder of the subdivisional lines.</p> <p>In 1966, John M. Jelley, Cadastral Surveyor, resurveyed a portion of the east boundary and subdivisional lines, and remonumented certain corner points.</p> <p>In 1979-82, Jack W. Bowder, John P. Farnsworth, and Wayne L. Rogers, Cadastral Surveyors, resurveyed a portion of the east boundary and subdivisional lines, and subdivided sections 11 and 31.</p> <p>In 2004-05, A. Bert Skeesick, Cadastral Surveyor, resurveyed a portion of the subdivisional lines.</p> <p>The survey was executed in accordance with the specifications set forth in the <u>Manual of Surveying Instructions, 1973</u>, and the <u>Special Instructions dated January 23, 2007</u>, for Group No. 2158, Oregon.</p> <p>The survey was performed utilizing 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 using Trimble Geomatics Office (TGO), version 1.62. The GPS position of the survey was executed in accordance with the "Standards and Guidelines for Cadastral Surveys Using Global Positioning System Methods", version 1.0, dated May 9, 2001, published by the United States Department of the Interior, Bureau of Land Management, and the United States Department of the Agriculture, Forest Service.</p> <p>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</p>
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T. 29 S., R. 9 W., Willamette Meridian, Oregon

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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 Cadastral Measurement Management for Windows (WinCMM), computer software that incorporates a least squares adjustment routine. The Standard Error of Unit Weight for the least squares adjustment of the survey data fell between 0.7 and 2.5. In addition, the ratio of the adjustments (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. The retracement data were thoroughly verified and only the true line field notes are given herein.

Each new bearing tree has a 2½ in. X ¼ in. Magnetic nail (MAG-NAIL) driven at the base right side-center, unless otherwise described in the corner description.

The following published stations from the National Spatial Reference System Continuously Operating Reference Station (CORS) were used for control: "CAPE BLANCO CORS ARP" and "DODSON BUTTE CORS ARP".

The geographic position (NAD 1983 (CORS 96)) of the corner of sections 10, 11, 14, and 15 was determined by a direct tie to a temporary point for which a position had been determined, to an accuracy level of less than 0.10 foot, 95% confidence level, relative to the National Spatial Reference System stations noted above:

Latitude: 43° 03' 16.15" N. Longitude: 123° 44' 30.04" W.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 29 S., R. 9 W., Willamette Meridian, Oregon**

(Restoring the 1856 survey by Dennis Hathorn, the
1907 survey by William M. Porter, the 1966 resurvey by
John M. Jelley, and the 1979-82 resurvey by Jack W. Bowder,
John P. Farnsworth, and Wayne L. Rogers)

Beginning at the cor. of secs. 11, 12, 13, and 14, monumented with an iron post, 1¼ ins. diam., firmly set, projecting 13 ins. above the ground, with brass cap mkd.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 29 S., R. 9 W., Willamette Meridian, Oregon

FEET	
	<p style="text-align: center;">COUNTY SURVEYORS T 29 S S 11 S 12 ----- S 14 S 13 R 9 W BLM 1966 OFFICE 1958</p>
	<p>from which the remains of an original bearing tree</p> <p style="padding-left: 40px;">A decayed fir stump, size indeterminate, bears N. 30° W., 36.3 ft. dist., with fallen fir trunk, 36 ins. diam., lying alongside, with no marks visible.</p> <p>and the remains of bearing trees mkd. by James W. Byron, Deputy County Surveyor, in 1958, recorded in the Douglas County Surveyors Record of Government Corners Renewed, T. 29 S., R. 9 W., Point Identifier No. 600500, reported by Jelley</p> <p style="padding-left: 40px;">A fir, 20 ins. diam., bears N. 48° E., 3.3 ft. dist., with a healed double blaze.</p> <p style="padding-left: 40px;">A sawed, decayed fir stump, 18 ins. diam., bears S. 64¼° E., 56.1 ft. dist., with no marks visible. (Record, S. 63° E.)</p> <p>and new bearing trees</p> <p style="padding-left: 40px;">A fir, 17 ins. diam., bears S. 41¼° E., 32.5 ft. dist., mkd. T29S R9W S13 BT.</p> <p style="padding-left: 40px;">A fir, 14 ins. diam., bears S. 81¼° W., 12.7 ft. dist., mkd. T29S R9W S14 BT.</p> <p style="padding-left: 40px;">A fir, 11 ins. diam., bears N. 59¼° W., 46.6 ft. dist., mkd. T29S R9W S11 BT.</p> <p>Corner is located 1.0 ft. north of a 4-strand barbed wire fence extending North and West.</p> <p>N. 0° 16' 26" W., bet. secs. 11 and 12.</p> <p>Ascend over broken SE. slope, posting and blazing.</p>
1045	Spur, slopes S. 85° E., desc. over NE. slope.
2030	Creek 5 ft. wide, course S. 85° E., asc. over SE. slope.
2510	Spur, slopes S. 35° E., desc. over NE. slope.
2654.59	The ¼ sec. cor. of secs. 11 and 12, monumented with an iron post, 1¼ ins. diam., firmly set, projecting 14 ins. above the ground, with brass cap mkd.

Dependent Resurvey of a Portion of the Subdivisional Lines,
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	<p style="text-align: center;">COUNTY SURVEYORS OFFICE T 29 S R 9 W 1/4 S11 S12 1958 BLM1966</p> <p>from which the remains of an original bearing tree</p> <p style="padding-left: 40px;">A sawed fir stump, 30 ins. diam., bears N. 78° E., 7.9 ft. dist., with no marks visible.</p> <p>and the remains of bearing trees mkd. by James W. Byron, Deputy County Surveyor, in 1958, recorded in the Douglas County Surveyors Record of Government Corners Renewed, T. 29 S., R. 9 W., Point Identifier No. 600540, reported by Bowder, Farnsworth, and Rogers</p> <p style="padding-left: 40px;">A sawed fir stump, 30 ins. diam., bears S. 40¼° E., 34.3 ft. dist., with no marks visible. (Record, S. 32° E.)</p> <p style="padding-left: 40px;">A fir snag, 18 ins. diam., bears S. 59½° W., 19.1 ft. dist., with a healed double blaze.</p> <p>and new bearing trees</p> <p style="padding-left: 40px;">A fir, 17 ins. diam., bears N. 80½° E., 30.8 ft. dist., mkd. 1/4 S12 BT.</p> <p style="padding-left: 40px;">A fir, 30 ins. diam., bears N. 7¼° W., 29.2 ft. dist., mkd. 1/4 S11 BT.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0° 22' 58" E., beginning new measurement.</p> <p>Descend over broken NE. slope, continue posting and blazing.</p>
1324.70	<p>The N 1/16 sec. cor. of secs. 11 and 12, monumented with an iron post, 2½ ins. diam., firmly set, projecting 5 ins. above the ground, with brass cap mkd.</p> <p style="text-align: center;">N 1/16 S 11 S 12 1966</p> <p>from which the remains of bearing trees mkd. by Jelley</p> <p style="padding-left: 40px;">A sawed cedar stump, 19 ins. diam., bears N. 86° E., 19.1 ft. dist., with a healed blaze. (Record, N. 82° E.)</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 29 S., R. 9 W., Willamette Meridian, Oregon

FEEET	<p>A sawed fir stump, 18 ins. diam., bears N. 21° W., 15.2 ft. dist., with a healed blaze.</p> <p>and new accessories</p> <p>An iron rod, 30 ins. long, 5/8 in. diam., driven 29 ins. in the ground for a reference monument, bears N. 37° 23' 22" E., 6.70 ft. dist. with aluminum cap mkd. RM N1/16 S12 6.7 FT TO COR 2007 and an arrow pointing to the corner.</p> <p>An iron rod, 30 ins. long, 5/8 in. diam., driven 29 ins. in the ground for a reference monument, bears N. 89° 40' 00" W., 6.40 ft. dist. with aluminum cap mkd. RM N1/16 S11 6.4 FT TO COR 2007 and an arrow pointing to the corner.</p> <p>Discontinue posting and blazing.</p> <hr/> <p>From the cor. of secs. 11, 12, 13, and 14.</p> <p>S. 89° 45' 27" W., bet. secs. 11 and 14.</p> <p>Ascend over broken SE. slope, posting and blazing.</p>
1170	<p>Graveled road, 12 ft. wide, bears N. 55° E. and S. 55° W.</p>
1330.15	<p>The E 1/16 sec. cor. of secs. 11 and 14, established by Eugene A. Bloom, Oregon Professional Land Surveyor No. 492, in 1984, recorded in the Douglas County Surveyor's Office, Map File No. M95-75A&B, and is accepted as the cor., monumented with an iron rod, 5/8 in. diam., firmly set, projecting 3 ins. above the ground, with aluminum cap mkd.</p> <p style="text-align: center;">AA SURVEYING SERVICE INC S 11 E 1/16 ——— S 14</p> <p>from which new bearing trees</p> <p>A fir, 10 ins. diam., bears N. 74¼° E., 10.9 ft. dist., mkd. E 1/16 S11 BT.</p> <p>A fir, 10 ins. diam., bears S. 0¼° E., 18.8 ft. dist., mkd. E 1/16 S14 BT.</p> <p>From this corner, a point established in the course of an unofficial administrative survey bears S. 62° W., 1.10 ft. dist., monumented with an unmarked iron pipe, ¾ in. diam., firmly set, projecting 5 ins. above the ground, with no cap, from which</p>

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FEEET	<p>A fir, 13 ins. diam., bears N. 42° E., 7.3 ft. dist., with a healed blaze. (Administrative plat calls for a metal tag, S. 38° W., 7.5 ft. dist.)</p> <p>A fir, 7 ins. diam., bears S. 51¼° E., 7.5 ft. dist., with a healed blaze. (Administrative plat calls for a metal tag, N. 51° W., 8.0 ft. dist.)</p> <p>Bloom did not utilize this point during his resurvey and did not reference it on his plat. The iron pipe was left in place, and is not utilized in the course of this resurvey.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 89° 45' 29" W., beginning new measurement.</p> <p>Ascend over SE. slope, continue posting and blazing.</p>
1330.42	<p>The ¼ sec. cor. of secs. 11 and 14, monumented with an iron post, 1¼ ins. diam., firmly set, projecting 14 ins. above the ground with brass cap mkd.</p> <p style="text-align: center;">COUNTY SURVEYORS OFFICE T 29 S R 9 W S 11 <hr style="width: 10%; margin: 0 auto;"/> S 14 BLM 1/4 1966 1959</p> <p>from which the remains of an original bearing tree</p> <p style="padding-left: 40px;">A sawed fir stump, 46 ins. diam., bears North, 42.2 ft. dist., with a healed blaze.</p> <p>and the remaining bearing tree mkd. by Gary T. Smither, Professional Land Surveyor, No. 2485, in 2000, recorded in the Douglas County Surveyor's Office, Map File No. M135-53</p> <p style="padding-left: 40px;">A fir, 12 ins. diam., bears S. 17° E., 31.0 ft. dist., with fragmentary scribe marks visible on a partially healed blaze.</p> <p>and bearing trees mkd. by Gregory D. Lang, Oregon Professional Land Surveyor No. 2295, in 2004, recorded in the Douglas County Surveyor's Record of Government Corners Renewed, T. 29 S., R. 9 W., Point Identifier No. 540500</p> <p style="padding-left: 40px;">A fir, 8 ins. diam., bears N. 46¼° E., 28.5 ft. dist., with fragmentary scribe marks visible on a partially healed blaze.</p> <p style="padding-left: 40px;">A fir, 11 ins. diam., bears S. 31¼° W., 44.8 ft. dist., with fragmentary scribe marks visible on a partially healed blaze.</p>

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GENERAL DESCRIPTION

The lands included in the foregoing resurvey are located in steep mountainous terrain, approximately 3 miles northwesterly from the community of Camas Valley, Oregon.

The elevations ranges from approximately 1320 feet above sea level near the corner of sections 11, 12, 13, and 14 to approximately 2200 feet above sea level near the corner of sections 10, 11, 14, and 15.

The area is drained by Wildcat Creek, with a number of small seasonal streams.

Soil consists of rock, clay and sandy loam.

Timber in this area consists of fir, cedar, hemlock, oak, alder, madrone, maple, and chinquapin. Undergrowth consists of vine maple, hazel, fern, poison oak, salal, Oregon grape, arrowwood, huckleberry, salmonberry, and rhododendron.

There were no mineral deposits along the lines resurveyed. The lands are used primarily for timber production.