

FEET

**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
AND THE SUBDIVISION OF SECTION 13,
TOWNSHIP 30 SOUTH, RANGE 9 WEST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON.

EXECUTED BY

A. Bert Skeesick, Cadastral Surveyor

Under Special Instructions dated April 23, 2002, approved
April 23, 2002, which provided for the surveys included under
Group No. 2009, and Assignment Instructions dated July 3, 2002.

Survey commenced July 16, 2002

Survey completed August 27, 2002

T. 30 S., R. 9 W., Willamette Meridian, Oregon

FEET	<p>The following field notes are those of the dependent resurvey of a portion of the east boundary and subdivisional lines and the subdivision of section 13, township 30 south, range 9 west of the Willamette Meridian, Oregon.</p> <p>The history of surveys pertaining to this survey is as follows:</p> <p>In 1855, Dennis Hathorn, U.S. Deputy Surveyor, surveyed the east boundary and a portion of the subdivisional lines.</p> <p>In 1980, James E. Jelley and Wayne L. Rogers, Cadastral Surveyors, resurveyed a portion of the west boundary and subdivisional lines, and subdivided section 19, T. 30 S., R. 8 W.</p> <p>In 1986, Dale T. Bedell, Wayne L. Rogers, and Boyd W. Peterson, Cadastral Surveyors, resurveyed a portion of the east boundary and subdivisional lines, and subdivided section 25.</p> <p>The survey was executed in accordance with the specifications set forth in the <u>Manual of Surveying Instructions, 1973</u>, and the Special Instructions dated April 23, 2002, for Group No. 2009, Oregon.</p> <p>The directions of the lines are based on the true meridian as determined by direct solar observations and were carried forward by means of sustained angulation. All measurements along the lines were derived through the use of electronic measuring equipment. An analysis of the unadjusted field data assured a closure not exceeding 1:4000 in error. Measured distances and directions have been adjusted by Cadastral Measurement Management for Windows (WinCMM), computer software that incorporates a least squares adjustment routine. The adjusted bearings and distances are reported to the nearest second and 0.01 foot.</p> <p>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. The retracement data were thoroughly verified and only the true line field notes are given herein.</p> <p>Each new bearing tree has a 2½ in. X ¼ in. magnetic nail (MAG-NAIL) driven at the base on the right side-center, unless otherwise described in the corner description.</p> <p>The geographic position (NAD 1983 (CORS)) of the ¼ section corner of sections 13 and 14, as determined from a tie to National Geodetic Survey stations DODSON BUTTE CORS ARP and CAPE BLANCO CORS ARP, is as follows:</p>
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Latitude: 42° 57' 36.68" N. Longitude: 123° 43' 18.92" W.

**Dependent Resurvey of a Portion of the East Boundary,
T. 30 S., R. 9 W., Willamette Meridian, Oregon**

(Restoring the 1855 survey by Dennis Hathorn, the
1980 resurvey by James E. Jelley and Wayne L. Rogers,
and the 1986 resurvey by Dale T. Bedell, Wayne L. Rogers,
and Boyd W. Peterson)

Beginning at the cor. of secs. 13, 18, 19, and 24 on the E. bdy.
of the Tp., monumented with an iron post, 1½ ins. diam., firmly
set, projecting 13 ins. above ground, with brass cap mkd.

COUNTY SURVEYORS OFFICE

T 30 S	
S13	S18
S24	S19
R 9 W R 8 W	
1964	

from which the remains of the orig. bearing trees

A decayed stump, 30 ins. diam., species indeterminate, bears
N. 35° E., 38.2 ft. dist., with no marks visible. (Record,
fir, 39.6 ft.)

and remains of bearing trees mkd. by Vernon R. Tracy, Deputy
County Surveyor, in 1964, recorded in the Douglas County
Surveyor's Record of Government Corners Renewed,
T. 30 S., R. 9 W., Point Identifier No. 700400, and reported by
Jelley and Rogers

A fir, 17 ins. diam., bears N. 85° E., 8.6 ft. dist., with
healed double blaze.

A roothole bears S. 20° E., 26.4 ft. dist., with fallen
trunk, 16 ins. diam., species indeterminate, lying
alongside, and healed blaze. (Record, fir)

A roothole bears S. 55° W., 12.5 ft. dist., with fallen
trunk, 8 ins. diam., species indeterminate, lying
alongside, and healed blaze. (Record, fir)

A roothole bears N. 41¾° W., 9.9 ft. dist., with fallen
trunk, 13 ins. diam., species indeterminate, lying
alongside, and healed blaze. (Record, fir)

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	and new bearing trees
	A fir, 13 ins. diam., bears N. 62½° E., 44.8 ft. dist., mkd. T30S R8W S18 BT.
	A fir, 8 ins. diam., bears S. 53¾° W., 27.2 ft. dist., mkd. X BT.
	A fir, 10 ins. diam., bears N. 59½° W., 49.4 ft. dist., mkd. T30S R9W S13 BT.
	N. 0° 08' 51" E., bet. secs. 13 and 18, posting and blazing.
	Descend gentle N. slope.
330	Graveled Road No. 30-9-13.4, 16 ft. wide, bears S. 53° E. and N. 48° W.
1445	Graveled Road No. 30-9-13.1, 18 ft. wide, bears N. 62° E. and S. 62° W.
1740	Battle Creek, 2 ft. wide, course N. 86° W., asc. S. slope.
2120	Graveled Road No. 30-9-13.1, 16 ft. wide, bears S. 76° E. and N. 76° W.
2640.08	The ¼ sec. cor. of secs. 13 and 18, on the E. bdy. of the Tp., perpetuated by Howard W. Johnstone, Oregon Professional Land Surveyor No. 498, in 1962, recorded in the Douglas County Surveyor's Record of Government Corners Renewed, T. 30 S., R. 9 W., Point Identifier No. 700440, monumented with an iron post, 1 in. diam., firmly set, projecting 16 ins. above ground, with no cap, from which the remains of an orig. bearing tree
	A decayed stump, size and species indeterminate, bears S. 31° W., 40.7 ft. dist., with no marks visible. (Record, oak, S. 35° W., 45.5 ft.)
	and bearing trees mkd. by Johnstone
	A fir, 17 ins. diam., bears N. 55° E., 9.7 ft. dist., with healed blaze.
	A fir, 23 ins. diam., bears S. 41¼° W., 39.2 ft. dist., with healed blaze.
	At the corner point
	Cement a brass tablet, 2½ ins. diam., with stem, 2½ ins. long, into top of iron post, mkd.

**Dependent Resurvey of a Portion of the East Boundary,
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FEET	<div style="text-align: center;"> <p>T 30 S R 9 W R 8 W 1/4 S13 S18 2002</p> <hr style="width: 50%; margin: 0 auto;"/> </div>
	N. 0° 02' 11" W., beginning new measurement, posting and blazing.
665	Dirt road, 20 ft. wide, bears N. 44° E. and S. 44° W.
1380	Spur, slopes West; desc. NW. slope.
1650	Spring branch, 1 ft. wide, course West; asc. SW. slope.
2641.33	The cor. of secs. 7, 12, 13, and 18, on the E. bdy. of the Tp., monumented with an iron post, 1½ ins. diam., firmly set, projecting 15 ins. above ground, with brass cap mkd.
	<p>COUNTY SURVEYORS OFFICE</p> <div style="text-align: center;"> <p>T 30 S R S12 S7 R 9 ———— 8 W S13 S18 W</p> <p>1958</p> </div>
	from which the remains of the orig. bearing trees
	<p>A decayed stump, size and species indeterminate, bears N. 45° E., 35.3 ft. dist., with healed blaze. (Record, fir, 33.0 ft.)</p>
	<p>A decayed stump, size and species indeterminate, bears S. 48° E., 77.2 ft. dist., with healed blaze. (Record, fir)</p>
	<p>A decayed stump, size and species indeterminate, bears N. 12° W., 19.8 ft. dist., with scribe marks BT visible on decayed blaze. (Record, pine)</p>
	and remains of the bearing trees mkd. by James W. Byron, Douglas County Surveyor's Office, in 1958, recorded in the Douglas County Surveyor's Record of Government Corners Renewed, T. 30 S., R. 9 W., Point Identifier No. 700500, and reported by Bedell, Rogers, and Peterson
	<p>A decayed snag, 11 ins. diam., species indeterminate, bears N. 73° E., 29.0 ft. dist., with healed blaze. (Record, fir)</p>

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	<p>A fir, 19 ins. diam., bears S. 30° E., 10.6 ft. dist., with healed double blaze.</p> <p>A dead chinquapin, 11 ins. diam., bears S. 43° W., 35.6 ft. dist., with decayed blaze.</p> <p>A roothole, bears N. 89° W., 9.2 ft. dist., with fallen trunk, size and species indeterminate, lying alongside, no marks visible. (Record, fir)</p> <p>and bearing tree mkd. by Vernon R. Tracy, Douglas County Surveyor's Office, in 1964, recorded in the Douglas County Surveyor's Record of Government Corners Renewed, T. 30 S., R. 9 W., Point Identifier No. 700500, and reported by Bedell, Rogers, and Peterson</p> <p>A fir, 19 ins. diam., bears N. 71° W., 54.8 ft. dist., with healed double blaze.</p> <p>and bearing tree mkd. by Bedell, Rogers, and Peterson</p> <p>A fir, 8 ins. diam., bears N. 22° W., 14.5 ft. dist., with healed blaze.</p> <p>and new bearing tree</p> <p>A fir, 10 ins. diam., bears N. 33° E., 28.0 ft. dist., mkd. T30S R8W S7 BT.</p>
	<hr/> <p>Dependent Resurvey of a Portion of the Subdivisional Lines, T. 30 S., R. 9 W., Willamette Meridian, Oregon</p> <hr/>
	<p>(Restoring the 1855 survey by Dennis Hathorn)</p> <hr/>
	<p>From the cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the Tp., hereinbefore described.</p> <p>N. 89° 36' 36" W., bet. secs. 13 and 24, posting and blazing.</p> <p>Descend gentle SW. slope.</p>
410	Graveled Road No. 30-9-13.1, 16 ft. wide, bears S. 7° E. and N. 7° W.
835	Dry creek bed, 2 ft. wide, drains N. 48° W.; asc. NE. slope.
1095	Spur, slopes North; desc. gentle W. slope.

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2642.88	<p>The $\frac{1}{4}$ sec. cor. of secs. 13 and 24, remonumented by Vernon R. Tracy, Douglas County Surveyor's Office, in 1964, recorded in the Douglas County Surveyor's Record of Government Corners Renewed, T. 30 S., R. 9 W., Index No. 42, monumented with an iron post, $1\frac{1}{4}$ ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">COUNTY SURVEYORS OFFICE T 30 S S13 $\frac{1}{4}$ ————— S24 R 9 W 1964</p> <p>from which the remains of the orig. bearing trees</p> <p style="padding-left: 40px;">A sawed fir stump, 49 ins. diam., bears S. $4\frac{3}{4}^{\circ}$ W., 38.0 ft. dist., with axe marks visible and healed blaze. (Record, S. 8° W., 36.3 ft.)</p> <p style="padding-left: 40px;">A sawed fir stump, 38 ins. diam., bears N. $49\frac{1}{2}^{\circ}$ W., 55.4 ft. dist., with no marks visible. (Record, N. 58° W.)</p> <p>and bearing trees mkd. by Tracy</p> <p style="padding-left: 40px;">A fir, 21 ins. diam., bears S. 54° E., 7.5 ft. dist., with healed blaze.</p> <p style="padding-left: 40px;">A fir, 25 ins. diam., bears N. $48\frac{1}{4}^{\circ}$ W., 3.0 ft. dist., with healed blaze.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. $89^{\circ} 24' 52''$ W., beginning new measurement, posting and blazing.</p>
290	Spur, slopes N. 25° W.; desc. steep W. slope.
860	Graveled Road No. 30-9-11.0, 25 ft. wide, bears N. 35° E. and S. 35° W.
1110	Battle Creek, 5 ft. wide, course S. 42° W.
1265	Battle Creek, 5 ft. wide, course N. 65° W.
1311.60	<p>Point for the W $\frac{1}{16}$ sec. cor. of secs. 13 and 24</p> <p>Set a galvanized iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 14 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
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FEET	
	T 30 S R 9 W S13 W 1/16 ——— S24 2002
	from which A fir, 6 ins. diam., bears N. 31° E., 9.7 ft. dist., mkd. X BT. A fir, 16 ins. diam., bears S. 32° W., 11.5 ft. dist., mkd. W 1/16 S24 BT.
	Deposit a magnet in a white plastic case at the base of the iron post. Discontinue posting and blazing.
2135	Twelvemile Creek, 20 ft. wide, course N. 3° W.; asc. moderate E. slope.
2623.20	The cor. of secs. 13, 14, 23, and 24, remonumented by Howard W. Johnstone, Oregon Professional Land Surveyor No. 498, in 1961, recorded in the Douglas County Surveyor's Record of Government Corners Renewed, T. 30 S., R. 9 W., Index No. 19, perpetuated by John M. Powell, Douglas County Surveyor's Office, in 1970, recorded in the Douglas County Surveyor's Record of Government Corners Renewed, T. 30 S., R. 9 W., Index No. 101, recovered by Don E. Garrett, Oregon Professional Land Surveyor No. 544, in 1972, recorded in the Douglas County Surveyor's Office, Map File No. M91-11, and recovered by Gregory D. Lang, Oregon Professional Land Surveyor No. 2295, in 2000, recorded in the Douglas County Surveyor's Record of Government Corners Renewed, T. 30 S., R. 9 W., Index No. 169, monumented with an iron post, 1¼ ins. diam., firmly set, projecting 15 ins. above ground, with brass cap mkd.
	COUNTY SURVEYORS OFFICE T 30 S S14 S13 ——— ——— S23 S24 1970
	from which the remains of the orig. bearing trees A cedar, 32 ins. diam., bears N. 77° E., 15.8 ft. dist., with healed blaze.

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FEET	
	<p>A sawed fir stump, 26 ins. diam., bears N. 52° W., 36.7 ft. dist., with healed blaze. (Record, 38.3 ft.)</p> <p>and bearing tree mkd. by Johnstone</p> <p>A fir, 14 ins. diam., bears S. 14¼° W., 46.9 ft. dist., with healed blaze.</p> <p>and bearing trees mkd. by Powell</p> <p>A fir, 17 ins. diam., bears S. 74½° E., 51.6 ft. dist., with healed blaze.</p> <p>A fir, 21 ins. diam., bears N. 43½° W., 52.0 ft. dist., with healed blaze.</p>
	<hr/> <p>N. 0° 21' 57" W., bet. secs. 13 and 14.</p> <p>Descend broken NE. slope.</p>
715	Dirt road, 18 ft. wide, bears S. 54° E. and N. 54° W.
895	Twelvemile Creek, 20 ft. wide, course N. 57° W., asc. SW. slope.
1321.62	<p>Point for the S 1/16 sec. cor. of secs. 13 and 14, falls on fallen tree trunk, 60 ins. diam., species indeterminate.</p> <p>Drive a railroad spike, 6 ins. long, ¾ in. square, flush with trunk surface, with top mkd.</p> <div style="text-align: center;"> <p style="margin: 0;">S 1/16</p> <p style="margin: 0;">S14 — S13</p> <p style="margin: 0;">2002</p> </div> <p>from which</p> <p>A stainless steel post, 28 ins. long, 2½ ins. diam., set 22 ins. in the ground for a reference monument, bears N. 19°42'49" E., 16.38 ft. dist., with brass cap mkd. RM T30S R9W S1/16 S13 16.38 FT TO COR 2002 and an arrow pointing to the corner.</p> <p>A stainless steel post, 28 ins. long, 2½ ins. diam., set flush with the ground for a reference monument, bears N. 59°30'39" W., 4.69 ft. dist., with brass cap mkd. RM T30S R9W S1/16 S14 4.69 FT TO COR 2002 and an arrow pointing to the corner.</p> <p>Buried a magnet in a plastic case at the base of each stainless steel post.</p>

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FEET	
	Begin posting and blazing.
2643.24	<p>The $\frac{1}{4}$ sec. cor. of secs. 13 and 14, perpetuated by Howard W. Johnstone, Oregon Professional Land Surveyor No. 498, in 1961, recorded in the Douglas County Surveyor's Record of Government Corners Renewed, T. 30 S., R. 9 W., Index No. 18, remonumented by Vernon R. Tracy, Douglas County Surveyor's Office, in 1964, recorded in the Douglas County Surveyor's Record of Government Corners Renewed, T. 30 S., R. 9 W., Index No. 52, from original evidence no longer existent, perpetuated by Tracy in 1973, recorded in the Douglas County Surveyor's Record of Government Corners Renewed, T. 30 S., R. 9 W., Index No. 103, and recovered by Johnstone in 1988, recorded in the Douglas County Surveyor's Office, Map File No. M106-51, monumented with an iron post, $1\frac{1}{4}$ ins. diam., firmly set, projecting 1 in. above ground, with brass cap mkd.</p> <p style="text-align: center;">COUNTY SURVEYORS OFFICE T 30 S 1/4 S14 S13 R 9 W 1964</p> <p>from which the remaining bearing tree mkd. by Johnstone in 1961</p> <p style="padding-left: 40px;">A cedar, 25 ins. diam., bears N. 73° E., 116.0 ft. dist., with healed double blaze.</p> <p>and bearing tree mkd. by Tracy in 1973</p> <p style="padding-left: 40px;">A fir, 12 ins. diam., bears N. 20° W., 20.3 ft. dist., with healed blaze.</p> <p>Discontinue posting and blazing.</p> <p>From this point, National Geodetic Survey station DODSON BUTTE CORS ARP, established by GPS observations and adjustment by the National Geodetic Survey in 2000, bears N. 65° 38' 52" E., 140,185.09 ft. dist. (mean bearing and sea level dist.)</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0° 11' 55" W., beginning new measurement.</p> <p>Ascend broken W. slope.</p>
230	Graveled road, 20 ft. wide, bears S. 24° E. and N. 28° W.
1324.04	The N $\frac{1}{16}$ sec. cor. of secs. 13 and 14, established by Howard W. Johnstone, Registered Land Surveyor No. 498 in 1988, recorded in the Douglas County Surveyor's Office, Map File No. M106-51, and is accepted as the corner, monumented with a

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FEET	
	<p>rebar, 5/8 in. diam., firmly set, projecting 13 ins. above ground, with alum. cap mkd.</p> <p style="text-align: center;">T30S R.R.CO. R9W N 1/16 S14 S13 LS498 1988</p> <p>from which</p> <p style="padding-left: 40px;">A fir, 14 ins. diam., bears N. 60° E., 3.9 ft. dist., with healed blaze.</p> <p style="padding-left: 40px;">A pine, 22 ins. diam., bears N. 55¼° W., 8.3 ft. dist., with healed blaze.</p> <hr style="width: 20%; margin: 20px auto;"/> <p>N. 0° 10' 06" W., beginning new measurement, posting and blazing.</p>
115	Spur, slopes N. 65° W.; desc. broken N. slope.
705	Graveled road, 16 ft. wide, bears S. 72° E. and N. 72° W.
1323.87	<p>The cor. of secs. 11, 12, 13, and 14, remonumented by James W. Byron, Deputy County Surveyor, in 1958, recorded in the Douglas County Surveyor's Record of Government Corners Renewed, T. 30 S., R. 9 W., Index No. 10, monumented with an iron post, 1½ ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">COUNTY SURVEYORS T 30 S S11 S12 ----- S14 S13 OFFICE 1958</p> <p>from which the remains of the orig. bearing trees</p> <p style="padding-left: 40px;">A cedar, 39 ins. diam., bears N. 45° E., 1.3 ft. dist., with scribe marks BT visible on opened blaze.</p> <p style="padding-left: 40px;">A decayed stump, size and species indeterminate, bears S. 40° W., 5.9 ft. dist., with no marks visible. (Record, fir)</p> <p>and bearing trees mkd. by Byron</p> <p style="padding-left: 40px;">A cedar, 26 ins. diam., bears S. 8½° E., 31.2 ft. dist., with healed blaze.</p>

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FEET	<p style="text-align: center;">A cedar, 35 ins. diam., bears S. 40¼° W., 42.1 ft. dist., with healed blaze.</p> <p style="text-align: center;">A fir, 25 ins. diam., bears N. 14½° W., 33.5 ft. dist., with healed blaze.</p> <hr/> <p>From the cor. of secs. 7, 12, 13, and 18 on the E. bdy. of the Tp., hereinbefore described.</p> <p>N. 89° 18' 35" W., bet. secs. 12 and 13, posting and blazing.</p> <p>Descend moderate SW. slope.</p>
2633.79	<p>The ¼ sec. cor. of secs. 12 and 13, remonumented by James W. Byron, Deputy County Surveyor, in 1958, recorded in the Douglas County Surveyor's Record of Government Corners Renewed, T. 30 S., R. 9 W., Index No. 5, recovered by Howard W. Johnstone, Registered Land Surveyor No. 498 in 1988, recorded in the Douglas County Surveyor's Record of Government Corners Renewed, T. 30 S., R. 9 W., Index No. 140, and the Douglas County Surveyor's Office, Map File No. M106-51, monumented with an iron post, 1½ ins. diam., firmly set, projecting 18 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">COUNTY SURVEYORS T 30 S 1/4 S12 ----- S13 R 9 W OFFICE 1958</p> <p>from which the remaining orig. bearing tree</p> <p style="text-align: center;">An oak, 22 ins. diam., bears N. 15½° E., 83.8 ft. dist., with no marks visible on decayed partially healed blaze. (Record, N. 18° E.)</p> <p>and remains of bearing trees mkd. by Byron</p> <p style="text-align: center;">A dead fir, 25 ins. diam., bears S. 75¾° E., 26.6 ft. dist., with healed blaze.</p> <p style="text-align: center;">A decayed stump, size and species indeterminate, bears N. 30¼° W., 39.6 ft. dist., with no marks visible. (Record, cedar)</p> <p>and new bearing tree</p>

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FEET	
	<p style="text-align: center;">A pine, 16 ins. diam., bears S. $36\frac{3}{4}^{\circ}$ W., 114.8 ft. dist., mkd. 1/4 S13 BT.</p> <hr style="width: 20%; margin: auto;"/> <p>N. $89^{\circ} 30' 37''$ W., beginning new measurement, posting and blazing. Continue descent over S. slope.</p>
2661.63	<p>The cor. of secs. 11, 12, 13, and 14, hereinbefore described.</p> <hr/> <p style="text-align: center;">Subdivision of Section 13 T. 30 S., R. 9 W., Willamette Meridian, Oregon</p> <hr/> <p>From the $\frac{1}{4}$ sec. cor. of secs. 13 and 24, hereinbefore described. N. $0^{\circ} 09' 25''$ E., on the N. and S. centerline of sec. 13.</p>
1323.04	<p>Point for the center S $\frac{1}{16}$ sec. cor. of sec. 13, not monumented.</p>
1595	<p>Graveled Road No. 30-9-13.1, 16 ft. wide, bears N. 50° E. and S. 50° W.</p>
2646.09	<p>The center $\frac{1}{4}$ sec. cor. of sec. 13, established by Howard W. Johnstone, Registered Land Surveyor No. 498 in 1988, recorded in the Douglas County Surveyor's Office, Map File No. M106-51, and is accepted as the corner, monumented with a rebar, $\frac{5}{8}$ in. diam., firmly set, projecting 15 ins. above ground, with alum. cap mkd.</p> <p style="text-align: center;">T30S R.R.CO. R9W S13 C 1/4 1988 LS498</p> <p>from which</p> <p style="text-align: center;">A fir, 17 ins. diam., bears S. 58° W., 7.6 ft. dist., with healed blaze.</p> <p style="text-align: center;">A cedar, 16 ins. diam., bears N. 4° W., 24.0 ft. dist., with healed blaze.</p> <p>From this point, an iron pipe, $\frac{3}{4}$ in. diam., firmly set, projecting 5 ins. above ground, with no cap, set by persons unknown, bears N. $17^{\circ} 10' 34''$ W., 4.63 ft. dist. This point was not utilized in the course of this survey.</p> <hr style="width: 20%; margin: auto;"/> <p>N. $0^{\circ} 08' 24''$ E., beginning new measurement, posting and blazing.</p>

**Subdivision of Section 13,
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FEET	
	Continue ascent over broken SW. slope.
1220	Spur, slopes N. 83° W.; desc. broken NW. slope.
1230	Dirt road, 8 ft. wide, bears S. 78° E. and N. 78° W.
1324.53	Point for the center N 1/16 sec. cor. of sec. 13. Set a galvanized iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.
	T30S R9W C N 1/16 S13 C 2002
	from which
	A pine, 14 ins. diam., bears N. 70° E., 15.1 ft. dist., mkd. CN 1/16 S13 BT.
	A fir, 10 ins. diam., bears N. 37° W., 13.2 ft. dist., mkd. CN 1/16 S13 BT.
	From this point, an iron pipe, 1 in. diam., firmly set, projecting 4 ins. above ground, with no cap, set by persons unknown, bears N. 7° 21' 21" E., 4.82 ft. dist. This point was not utilized in the course of this survey and was removed.
	Deposit a magnet in a white plastic case and the iron pipe at base of iron post.
	Discontinue posting and blazing.
	Continue descent over broken NW. slope.
2265	Dirt road, 10 ft. wide, bears E. and W.
2345	Creek, 2 ft. wide, course S. 78° W.; asc. SW slope.
2649.06	The ¼ sec. cor. of secs 12 and 13, hereinbefore described.
	<hr/>
	From the ¼ sec. cor. of secs. 13 and 18, on the E. bdy of the Tp., hereinbefore described.
	N. 89° 28' 46" W., on the E. and W. centerline of sec. 13.
	Over broken S. slope.

**Subdivision of Section 13,
T. 30 S., R. 9 W., Willamette Meridian, Oregon**

FEET	
1675	Graveled Road No. 30-9-13.1, 16 ft. wide, bears S. 12° E. and N. 12° W.
1920	Graveled Road No. 30-9-13.1, 16 ft. wide, bears N. 40° E. and S. 40° W.
2390	Graveled Road No. 30-9-13.3, 16 ft. wide, bears North and South.
2642.16	The center ¼ sec. cor. of sec. 13. <hr style="width: 20%; margin: auto;"/>
	N. 89° 28' 22" W., beginning new measurement, posting and blazing. Descend broken SW. slope.
1323.18	The center W. 1/16 sec. cor. of sec. 13, established by Howard W. Johnstone, Registered Land Surveyor No. 498 in 1988, recorded in the Douglas County Surveyor's Office, Map File No. M106-51, and is accepted as the corner, monumented with a rebar, 5/8 in. diam., firmly set, projecting 13 ins. above ground, with alum. cap mkd. <div style="text-align: center;">T30S R.R.CO. R9W CW 1/16 S13 LS498 1988</div> from which A fir, 15 ins. diam., bears N. 38° E., 7.1 ft. dist., with healed blaze. A fir, 13 ins. diam., bears S. 3¼° E., 9.5 ft. dist., with healed blaze. <hr style="width: 20%; margin: auto;"/>
	N. 89° 29' 31" W., beginning new measurement, posting and blazing. Continue descent over broken SW. slope.
1323.82	The ¼ sec. cor. of secs. 13 and 14, hereinbefore described. <hr style="width: 80%; margin: auto;"/>
	From the W 1/16 sec. cor. of secs. 13 and 24, hereinbefore described. N. 0° 05' 51" W., on the calculated N. and S. centerline of the SW¼ of sec. 13, posting and blazing. Descend steep N. slope.
30	Battle Creek, 3 ft. wide, course N. 87° W.; asc. SW. slope.

**Subdivision of Section 13,
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FEET	
205	Dirt road, 8 ft. wide, bears N. 75° E. and S. 80° W.
585	Graveled Road No. 30-9-11.0, 20 ft. wide, bears S. 73° E. and N. 73° W.
1322.28	Point for the SW 1/16 sec. cor. of sec. 13, at its calculated position. Set a galvanized iron post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. <div style="text-align: center;"> T 30 S R 9 W SW 1/16 + S 13 2002 </div> from which <div style="margin-left: 40px;"> A cedar, 6 ins. diam., bears N. 74° E., 14.0 ft. dist., mkd. SW 1/16 S13 BT. A fir, 9 ins. diam., bears N. 17¾° W., 8.8 ft. dist., mkd. SW 1/16 S13 BT. </div> Deposit a magnet in a white plastic case at base of iron post. <hr/> N. 89° 26' 50" W., on the calculated E. and W. centerline of the SW¼ of sec. 13, posting and blazing. Descend broken W. slope.
550	Graveled Road No. 30-9-11.0, 16 ft. wide, bears S. 8° E. and N. 8° W.
1317.71	The S 1/16 sec. cor. of secs. 13 and 14, hereinbefore described. <hr/> From the center N 1/16 sec. cor. of sec. 13, hereinbefore described. N. 89° 27' 38" W., on the E. and W. centerline of the NW¼ of sec. 13, posting and blazing. Descend moderate W. slope.
1327.52	The NW 1/16 sec. cor. of sec. 13, established by Howard W. Johnstone, Registered Land Surveyor No. 498 in 1988, recorded in the Douglas County Surveyor's Office, Map File No. M106-51, and is accepted as the corner, monumented with a rebar, 5/8 in. diam., firmly set, projecting 15 ins. above ground, with alum. cap mkd.

**Subdivision of Section 13,
T. 30 S., R. 9 W., Willamette Meridian, Oregon**

FEET	<p style="text-align: center;">T30S R.R.CO. R9W NW 1/16 S13 LS498 1988</p> <p>from which</p> <p style="padding-left: 40px;">A cedar, 13 ins. diam., bears N. 27° E., 7.4 ft. dist., with healed blaze.</p> <p style="padding-left: 40px;">A fir, 11 ins. diam., bears S. 71¼° E., 15.3 ft. dist., with healed blaze.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 89° 31' 43" W., beginning new measurement, posting and blazing.</p> <p>1327.15 The N 1/16 sec. cor. of secs. 13 and 14, hereinbefore described.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The lands included in the foregoing survey are located in mountainous terrain, approximately 5.0 miles southwesterly from the community of Camas Valley, Oregon.</p> <p>The elevation ranges from about 1200 feet above sea level near the northwest corner of section 13 to about 2000 feet above sea level near the northeast cor. of sec. 13.</p> <p>The area is drained by Battle Creek, which flows westerly to Twelvemile Creek, which flows northwesterly to the Middle Fork of the Coquille River.</p> <p>Timber consists of fir, cedar, chinquapin, maple, madrone, and oak. Undergrowth consists of salal, vine maple, poison oak, Oregon grape, and fern.</p> <p>The soil is generally composed of rocky clay, with numerous basalt outcroppings and bluffs, and steep, crumbling rock slopes.</p> <p>Access to the survey was made by graveled roads branching from State Highway No. 42.</p> <p>The mean magnetic declination for the area surveyed is 18° East, as shown on the "CHIPMUNK RIDGE, OREGON" 7½ minute series quadrangle map, Provisional Edition, prepared by the United States Geological Survey, in 1990.</p>
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