

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

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION
OF THE SUBDIVISIONAL LINES,
AND THE SUBDIVISION OF SECTION 9,
TOWNSHIP 22 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 January 6, 2000,
approved January 6, 2000,
which provided for the surveys included under Group No. 1935,
and assignment instructions dated January 13, 2000.

Survey commenced January 31, 2000

Survey completed February 24, 2000

T. 22 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, and the subdivision of section 9, township 22 south, range 4 west, of the Willamette Meridian, Oregon.</p> <p>The history of surveys pertaining to this resurvey is as follows:</p> <p>The north boundary and a portion of the subdivisional lines were surveyed by Harvey Gordon and Charles T. Gardner, U.S. Deputy Surveyor, in 1855.</p> <p>A portion of the subdivisional lines was surveyed by William P. Wright, U.S. Deputy Surveyor, in 1884.</p> <p>A portion of the subdivisional lines were resurveyed and the survey of the subdivisional lines was completed by Oscar F. Thiel, U.S. Deputy Surveyor, in 1901.</p> <p>A portion of the subdivisional lines were resurveyed by Donald R. Beck, Cadastral Surveyor, in 1963.</p> <p>A portion of the north boundary and subdivisional lines were resurveyed by James E. Jelley and Wayne L. Rogers, Cadastral Surveyors, in 1980-81.</p> <p>A portion of the subdivisional lines were resurveyed by Wayne L. Rogers, Cadastral Surveyor, and Garry L. Moore, Surveying Technician, in 1988.</p> <p>A portion of the subdivisional lines were resurveyed and section 3 was subdivided by Dale T. Bedell, Cadastral Surveyor, in 1993-94.</p> <p>The survey was executed in accordance with the specifications set forth in the <u>Manual of Surveying Instructions, 1973</u>, and Special Instructions dated January 6, 2000 for Group No. 1935, 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. Measured distance and direction have been adjusted by Cadastral Measurement Management (CMM), software that incorporates a least squares adjustment routine. The adjusted bearings and distances are reported to the nearest second and 0.01 foot. The Standard Error of Unit Weight (SEUW) for a least squares adjustment of the survey data was checked to assure a value between 0.7 and 2.5. In addition, a post-adjustment comparison of the final adjusted measurements was also checked to assure a ratio not exceeding 1:4000. This comparison was done in the CHECKER</p>

T. 22 S., R. 4 W., Willamette Meridian, Oregon

FEET

routine of CMM, and is reported as the Precision After Orientation Correction.

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 on right side-center, unless otherwise described in the corner description.

The geographic position (NAD 1927) of the corner of sections 9, 10, 15 and 16, as calculated from the record bearing and distance shown on the official plat for, T. 22 S., R. 4 W., accepted August 3, 1990, to the corner of secs. 15, 16, 21, and 22, is as follows:

Latitude: 43° 39' 49.58" N. Longitude: 123° 09' 56.30" W.

The mean magnetic declination is 19° East.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 22 S., R. 4 W., Willamette Meridian, Oregon**

(Restoring the survey by Harvey Gordon
and Charles T. Gardener, in 1855)

Beginning at the cor. of secs. 9, 10, 15, and 16, monumented with an iron post, 1¼ ins. diam., firmly set, projecting 16 ins. above ground, (along the north side of which is a "T" post, 1 X 1 in., firmly set, projecting 14 ins. above ground, with brass button, 1 in. diam., mkd. Haines Survey Point Drain OR 239), with brass cap mkd.

COUNTY SURVEYORS OFFICE

T 22 S
S 9 S 10

S 16 S 15
R 4 W
1958

from which the remaining original bearing tree

A fir, 33 ins. diam., bears N. 78° W., 14.5 ft. dist., with
a healed blaze.

and the remains of bearing trees mkd. by Byron.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 22 S., R. 4 W., Willamette Meridian, Oregon**

FEET	
	<p>A sawed cedar stump, 18 ins. diam., bears N. $14\frac{1}{4}^{\circ}$ E., 67.5 ft. dist., with scribe marks T22S R4W S10 CS visible on decayed face. (Record N. 15° E., 67.3 ft.)</p> <p>A fir, 25 ins. diam., bears S. 38° W., 60.7 ft. dist., with a healed double blaze.</p> <p>and bearing trees mkd. by Rogers and Moore.</p> <p>A fir, 17 ins. diam., bears N. 72° E., 21.5 ft. dist., with a healed blaze. (Record N. $73\frac{1}{2}^{\circ}$ E.)</p> <p>A fir, 21 ins. diam., bears S. $60\frac{3}{4}^{\circ}$ E., 31.5 ft. dist., with a healed blaze. (Record 32.0 ft.)</p> <p>From this point, the 1/4 sec. cor. of secs. 9 and 10 bears N. $0^{\circ} 23' 31''$ E., 2659.94 ft. dist., hereinafter described.</p> <p>N. $89^{\circ} 11' 16''$ W., bet. secs. 9 and 16.</p> <p>Descend over broken NW. slope, through second growth timber and dense undergrowth.</p>
660	Creek, 2 ft. wide, course S. 80° W.; continue desc. over SW. slope.
785	Graveled road, 12 ft. wide, bears N. 65° W. and S. 60° E.
2715.20	<p>The 1/4 sec. cor. of secs. 9 and 16, perpetuated by Kenneth P. McReynolds, Registered Professional Land Surveyor No. 277, in 1955, recorded in the Douglas County Surveyors Office, Map File No. M9-50, further perpetuated by Vernon Ray Tracy, Deputy County Surveyor, in 1966, recorded at the Douglas County Surveyors Office, Corner Renewal file, T. 22 S., R. 4 W., No. 340500, monumented with an iron post, $1\frac{1}{4}$ ins. diam., firmly set, projecting 6 ins. above ground, (along the East side of which is an iron pipe, $\frac{1}{2}$ in. diam., firmly set, projecting 18 ins. above ground), with brass cap mkd.</p> <p style="text-align: center;">COUNTY SURVEYORS OFFICE T 22 S S 9 1/4 S 16 R 4 W 1966</p> <p>from which the remains of an original bearing tree</p> <p>A sawed and decayed fir stump, 48 ins. diam., bears N. 32° W., 19.1 ft. dist., with no marks visible.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 22 S., R. 4 W., Willamette Meridian, Oregon**

FEET	
	<p>and the remains of bearing trees mkd. by Tracy</p> <p style="padding-left: 40px;">A fir, 20 ins. diam., bears N. 1° E., 120.3 ft. dist., with a healed double blaze.</p> <p style="padding-left: 40px;">A sawed cedar stump, 26 ins. diam., bears S. 12¾° E., 54.1 ft. dist., with a healed double blaze.</p> <p>and a new bearing tree</p> <p style="padding-left: 40px;">A fir, 17 ins. diam., bears S. ¾° W., 51.9 ft. dist., mkd. 1/4 S16 BT.</p> <p>Corner is located 10.0 ft. N. of a dirt skid road, 10 ft. wide, bears East and West.</p> <hr/> <p style="text-align: center;">Subdivision of Section 9, T. 22 S., R. 4 W., Willamette Meridian, Oregon</p> <hr/> <p>From the 1/4 sec. cor. of secs. 9 and 16.</p> <p>N. 0° 05' 31" E., on the N. and S. centerline of sec. 9.</p> <p>Ascend over nearly level SE. slope, through second growth timber and dense undergrowth.</p>
100	Top of broad spur, slopes S. 80° E.; desc. over broken NE. slope changing to a broken NW. slope.
1180	Creek, 2 ft. wide, course N. 20° W.; continue desc. over steep NW. slope.
1315.53	<p>Point for the center S. 1/16 sec. cor. of sec. 9, set a mag nail at the base of and in the root crown of a fir, 25 ins. diam., from which</p> <p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2½ ins. diam., set 26 ins. in the ground for a reference monument, bears N. 11° 12' 50" W., 10.0 ft. dist., with brass cap mkd. RM CS1/16 S9 2000 10 FT TO COR, and an arrow pointing to the corner.</p> <p style="padding-left: 40px;">A fir, 14 ins. diam., bears S. 43¾° W., 26.0 ft. dist., mkd. CS 1/16 S9 BT.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>

**Subdivision of Section 9,
T. 22 S., R. 4 W., Willamette Meridian, Oregon**

FEET	
	<p>From this point, a point established as the center S. 1/16 sec. cor. of sec. 9 by Kenneth P. McReynolds, Registered Professional Land Surveyor No. 277, in 1955, recorded in the Douglas County Surveyors Office, Map File No. M9-50, bears S. 82° 20' 56" E., 6.86 ft. dist., monumented with an iron pipe, ½ in. diam., firmly set, projecting 6 ins. above ground. This point was established using improper procedures and is not utilized in the course of this survey.</p> <p>Descend over a NW. slope.</p>
1690	Lees Creek, 8 ft. wide, course S. 60° W.; continue over level creek bottom.
1875	Begin asc. over gentle SE. slope.
1885	Dirt road, 12 ft. wide, bears N. 55° E. and S. 55° W.
2631.05	<p>Point for the center 1/4 sec. cor. of sec. 9, at the intersection with E. and W. centerline.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 22 S R 4 W</p> <p style="text-align: center;">C 1/4 S 9</p> <p style="text-align: center;">2000</p> <p>from which</p> <p style="padding-left: 40px;">A cedar, 8 ins. diam., bears N. 55° E., 23.6 ft. dist., mkd. C1/4 S9 BT.</p> <p style="padding-left: 40px;">A fir, 10 ins. diam., bears S. 82½° E., 19.3 ft. dist., mkd. C1/4 S9 BT.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Ascend over gentle SE. slope.</p>
3956.35	<p>Point for the center N. 1/16 sec. cor. of sec. 9.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p>

**Subdivision of Section 9,
T. 22 S., R. 4 W., Willamette Meridian, Oregon**

FEET	
	C N 1/16 S 9 C 2000
	from which
	A fir, 13 ins. diam., bears N. 16 $\frac{3}{4}$ ° E., 2.8 ft. dist., mkd. CN 1/16 S9 BT.
	A fir, 10 ins. diam., bears N. 71 $\frac{1}{2}$ ° W., 17.9 ft. dist., mkd. X BT.
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	From this point, a point established as the center N. 1/16 sec. cor. of sec. 9 by Kenneth P. McReynolds, Registered Professional Land Surveyor No. 277, in 1955, recorded in the Douglas County Surveyors Office, Map File No. M9-50, bears S. 49° 59' 37" E., 29.52 ft. dist., monumented with an iron pipe, $\frac{1}{2}$ in. diam., firmly set, projecting 12 ins. above ground. This point was established using improper procedures and is not utilized in the course of this survey.
	Ascend over SE. slope.
3990	Graveled road, 20 ft. wide, bears S. 70° E. and N. 70° W.
4090	Graveled road, 20 ft. wide, bears N. 75° E. and S. 80° W.
5281.65	The 1/4 sec. cor. of secs. 4 and 9, monumented with an iron post, 1 $\frac{1}{4}$ ins. diam., firmly set, projecting 16 ins. above ground, with brass cap mkd.
	COUNTY SURVEYORS OFFICE T 22 S S 4 1/4 S 9 R 4 W 1958
	from which the remains of an original bearing tree
	A roothole, bears N. 14 $\frac{1}{4}$ ° E., 9.9 ft. dist., alongside of which is the decayed cedar trunk, 26 ins. diam., with no marks visible on decayed face.
	and a bearing tree mkd. by Byron

**Subdivision of Section 9,
T. 22 S., R. 4 W., Willamette Meridian, Oregon**

FEET	
	<p>A fir, 22 ins. diam., bears S. 29½° W., 24.9 ft. dist., with a healed double blaze. (Record 21.8 ft.)</p> <p>and the remains of a bearing tree mkd. by Glen McChesney, in 1959, recorded in the Douglas County Surveyors Office, corner renewal file, T. 22 S., R. 4 W., No. 340600</p> <p>A sawed and decayed cedar stump, size indeterminate, bears S. 25° W., 32.2 ft. dist., with no marks visible.</p> <p>and bearing trees mkd. by Daniel W. Baker, Registered Professional Land Surveyor No. 1978, in 1994, recorded in the Douglas County Surveyors Office, C.S. File No. 36/154</p> <p>A fir, 12 ins. diam., bears N. 12¼° E., 21.3 ft. dist., with fragmentary scribe marks visible on partially healed blaze.</p> <p>A fir, 25 ins. diam., bears S. 87¾° E., 20.6 ft. dist., with fragmentary scribe marks visible on partially healed blaze.</p> <p>A fir, 20 ins. diam., bears N. 62½° W., 11.0 ft. dist., with fragmentary scribe marks visible on partially healed blaze.</p>
	<p>From the 1/4 sec. cor. of secs. 9 and 10, monumented with an iron post, 1¼ ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">COUNTY SURVEYORS OFFICE T 22 S 1/4 S 9 S 10 R 4 W 1984</p> <p>from which the remains of an original bearing tree</p> <p>A sawed and decayed cedar stump, 31 ins. diam., bears N. 58° E., 12.6 ft. dist., with fragmentary scribe marks visible on decayed blaze.</p> <p>and a bearing tree mkd. by Byron</p> <p>A fir, 20 ins. diam., bears S. 42¾° W., 46.9 ft. dist., with a healed double blaze. (Record S. 47½° W., 46.2 ft.)</p> <p>and bearing trees mkd. by L. E. Monrean, Deputy County Surveyor, in 1984, recorded in the Douglas County Surveyors Office, Corner Renewal file, T. 22 S., R. 4 W., No. 400540</p>

**Subdivision of Section 9,
T. 22 S., R. 4 W., Willamette Meridian, Oregon**

FEET	
	A fir, 18 ins. diam., bears S. 57° E., 17.3 ft. dist., with a healed double blaze.
	A fir, 16 ins. diam., bears S. 13¾° E., 44.5 ft. dist., with a healed double blaze.
	A fir, 18 ins. diam., bears S. 77¼° W., 23.1 ft. dist., with a healed double blaze.
	N. 89° 47' 49" W., on the E. and W. centerline of sec. 9.
	Descend over broken NW. slope, through second growth timber and dense undergrowth.
660	Graveled road, 20 ft. wide, bears N. 45° E. and S. 55° W.
1885	Lees Creek, 9 ft. wide, course S. 55° W.; asc. over SE. slope.
2060	Dirt road, 15 ft. wide, bears N. 55° E. and S. 55° W.
2728.59	The center 1/4 sec. cor. of sec. 9.
	Ascend over SE. slope.
2730	Spur, slopes S. 5° E.; desc. over SW. slope.
2945	Ravine, drains S. 20° E., asc. over SE. slope.
5115	Power transmission line, bears, N. 40° E. and S. 40° W.
5165	Graveled road, 10 ft. wide, bears N. 30° E. and S. 30° W.
5379.73	The 1/4 sec. cor. of secs. 8 and 9, monumented with an iron post 1¼ ins. diam., firmly set, projecting 5 ins. above ground (alongside of which is a bent iron pipe, ½ in. diam., firmly set, projecting 4 ins. above ground), with brass cap mkd.
	COUNTY SURVEYORS OFFICE T 22 S 1/4 S 8 S 9 R 4 W 1958
	from which the remains of bearing trees mkd. by Byron
	A sawed fir stump, 40 ins. diam., bears N. 77½° E., 65.3 ft. dist., with a healed double blaze.
	A fir, 33 ins. diam., bears N. 20° W., 30.4 ft. dist., with a healed double blaze.

**Subdivision of Section 9,
T. 22 S., R. 4 W., Willamette Meridian, Oregon**

FEET	
	and a new bearing tree
	A fir, 6 ins. diam., bears S. $1\frac{3}{4}^{\circ}$ E., 94.0 ft. dist., mkd. 1/4 S9 BT.
	Corner is located on top of ridge, bears N. 50° E. and S. 50° W.
	From this point the S. 1/16 sec. cor. of secs. 8 and 9, bears S. $0^{\circ} 12' 17''$ W., 1316.52 ft. dist., hereinafter described.
	From this same point the N. 1/16 sec. cor. of secs. 8 and 9, bears N. $0^{\circ} 04' 11''$ W., 1304.95 ft. dist., hereinafter described.
	<hr/>
	From the center S. 1/16 sec. cor. of sec. 9.
	N. $89^{\circ} 49' 07''$ W., on the E. and W. centerline of the SW. 1/4 of sec. 9.
	Descend over NW. slope.
50	Creek, 2 ft. wide, course N. 20° W.; asc. over NE. slope.
225	Top of ascent, slopes N. 20° W.; desc. over NW. slope.
460	Lees Creek, 10 ft. wide, course S. 60° W.; asc. over SE. slope.
1135	Graveled road, 12 ft. wide, bears N. 40° E. and S. 40° W.
2160	Creek, 2 ft. wide, course S. 40° E.; asc. over SE. slope.
2653.89	The S. 1/16 sec. cor. of secs. 8 and 9, monumented with an iron post, $2\frac{1}{2}$ ins. diam., firmly set, 4 ins. below the surface of the ground, with brass cap mkd.
	S 1/16
	S 8 S 9
	1963
	from which the remains of bearing tree mkd. by Beck
	A fir, 35 ins. diam., bears S. 55° E., 40.3 ft. dist., with a healed blaze. (Record hemlock)
	A roothole, bears S. $29\frac{1}{2}^{\circ}$ W., 39.6 ft. dist., with no remains of trunk.
	and a new bearing tree

**Subdivision of Section 9,
T. 22 S., R. 4 W., Willamette Meridian, Oregon**

FEET	
	A maple, 14 ins. diam., bears S. 17½° W., 22.3 ft. dist., mkd. S1/16 S8 BT.
	From the center N. 1/16 sec. cor. of sec. 9.
	S. 89° 45' 49" W., on the E. and W. centerline of the NW. 1/4 of sec. 9.
	Ascend over gentle SE. slope.
265	Spur, slopes South; desc. over SW. slope.
680	Creek, 2 ft. wide, course S. 25° E.; asc. over SE. slope.
1375	Graveled road, 12 ft. wide, bears N. 20° E. and S. 40° W., also power transmission line bears the same.
1855	Ridge, bears N. 10° E. and S. 35° W.; desc. over SW. slope.
2654.70	The N. 1/16 sec. cor. of secs. 8 and 9, monumented with an iron post, 2½ ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd.
	N 1/16
	S 8 S 9
	T 22 S R 4 W 1963
	from which the remains of bearing trees mkd. by Beck
	A fir, 25 ins. diam., bears S. 58° E., 16.3 ft. dist., with a healed blaze. (Record S. 56¾° E., 17.2 ft.)
	A sawed fir stump, 21 ins. diam., bears N. 28½° W., 16.9 ft. dist., with a healed blaze. (Record N. 26° W., 18.5 ft.)
	and a new bearing tree
	A fir, 14 ins. diam., bears N. 41¾° E., 18.5 ft. dist., mkd. X BT.
	There are no suitable trees available within limits in Sec. 8.

T. 22 S., R. 4 W., Willamette Meridian, Oregon

FEET	
	<p data-bbox="769 289 1073 312" style="text-align: center;">GENERAL DESCRIPTION</p> <p data-bbox="409 352 1432 506">The lands in the foregoing field notes are located in mountainous country approximately 7 miles easterly of Drain, Oregon. The elevations ranges from approximately 800 feet above sea level near the center 1/4 sec. cor. of sec. 9, to about 1200 feet above sea level near the 1/4 sec. cor. of secs. 4 and 9.</p> <p data-bbox="409 543 1432 726">The area is drained by Lees Creek, with numerous other small and seasonal drainages throughout. The timber consists of fir, cedar, hemlock, alder, maple, oak, chinquapin, pine, ash, yew, and madrone. The undergrowth is mainly salal, Oregon grape, manzanita, arrowwood, poison oak, vine maple, ferns, and young timber.</p> <p data-bbox="409 764 1432 852">Access is gained via Interstate Route 5 and Cox Creek Road, with other gravelled and dirt roads branching from them into the area.</p> <p data-bbox="409 890 1432 951">No mineral deposits were noted along the lines resurveyed. The lands are used primarily for timber production.</p> <p data-bbox="409 989 1432 1077">The mean magnetic declination, as noted from the U.S. Geological Survey 7½ minute series quadrangle map "CURTIN, OREG.", 1987 provisional edition, is 19° East.</p>