

CHAINS

**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 3,
TOWNSHIP 22 SOUTH, RANGE 4 WEST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON.

EXECUTED BY

Dale T. Bedell, Cadastral Surveyor

Under Special Instructions dated July 21, 1993, approved July 21, 1993,
which provided for the surveys included under Group No. 1703,
and Assignment Instructions dated August 24, 1993.

Survey commenced August 25, 1993

Survey completed May 9, 1994

T. 22 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 and the subdivision of section 3, township 22 south, range 4 west, Willamette Meridian, Oregon.

The history of surveys pertaining to this survey is as follows:

In 1855-56, Harvey Gordon and Charles T. Gardner, U.S. Deputy Surveyors, surveyed the north boundary of the township.

In 1884, William P. Wright, U.S. Deputy Surveyor, surveyed a portion of the subdivisional lines.

In 1901-03, Oscar F. Thiel, U.S. Deputy Surveyor, resurveyed a portion of the subdivisional lines and completed the survey of the subdivisional lines.

In 1963, Donald R. Beck, Cadastral Surveyor, resurveyed a portion of the subdivisional lines.

In 1980-81, James E. Jelley and Wayne L. Rogers, Cadastral Surveyors, resurveyed a portion of the north boundary and 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 July 21, 1993, for Group No. 1703, Oregon.

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.

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. All lines not forming a closure were measured twice.

Detectable Electronically Energized Particles (DEEP-1 TM) were buried as memorials at certain corner monuments. The DEEP-1 is composed of strontium encased in a color coded plastic container. The units are 1 inch in diameter, 2½ inches long, weigh 2½ ounces, and are magnetically detectable to an average depth of 8 feet.

The geographic position (NAD 1927) of 1/4 section corner of sections 3 and 4, as determined from a tie to Control Station EC 41052, established by the Control Survey Unit, Oregon State Office, Bureau of Land Management, in 1990, is as follows:

Latitude: 43° 41' 08.01" N. Longitude: 123° 09' 58.35" 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**

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(Restoring the 1884 survey by William P. Wright
and the 1901-03 survey by Oscar F. Thiel)

Beginning at the cor. of secs. 2, 3, 10 and 11, perpetuated and recorded by Milo E. Godfrey, Deputy County Surveyor, in 1962 (Douglas County Surveyor's Office corner renewal record, T. 22 S., R. 4 W., No. 59), and further perpetuated and recorded by Francis L. Ingram, Deputy County Surveyor, in 1971 (Douglas County Surveyor's Office corner renewal record, T. 22 S., R. 4 W., No. 126), monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd.

COUNTY SURVEYORS OFFICE

T22S R4W
S 3 | S 2

S 10 | S 11
1962

from which the remains of an original bearing tree

A maple, 32 ins. diam., bears S. 25° E., 47 lks. dist., with axe marks on a decayed blaze.

The original SW. and NW. bearing trees have been blown down and away from their original positions. Both of the trees are 50 ins. diam., with illegible scribe marks visible on the bark, and the remains of bearing trees mkd. by Godfrey:

A fir stump, 25 ins. diam., bears N. 8½° E., 90 lks. dist., with scribe marks T22S R4W S2 CS BT visible on an open blaze.

A roothole, bears S. 86° E., 95 lks. dist., with a down fir alongside, 26 ins. diam., no marks visible.

A cedar, 34 ins. diam., bears S. 30° W., 88 lks. dist., with healed blaze.

and new bearing trees

A fir, 12 ins. diam., bears N. 82° E., 18½ lks. dist., mkd. T22S R4W S2 BT.

A fir, 4 ins. diam., bears N. 6° W., 29 lks. dist., mkd. X BT.

N. 89° 32' 30" W., between secs. 3 and 10.

Descend over a broken W. slope, through heavy timber and dense undergrowth.

3.20	Enter creek bottom land; continue to desc. over a broken W. slope.
27.90	Creek, 2 lks. wide, course S. 60° W.; asc. over a broken SE. slope.
35.40	Spur, slopes S. 10° E.; desc. over a gentle SW. slope.

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

CHAINS	
40.235	<p>The 1/4 sec. cor. of secs. 3 and 10, perpetuated by the Weyerhaeuser Lumber Company, in 1963 (Douglas County Surveyor's Office corner renewal record, T. 22 S., R. 4 W., No. 117), monumented with an iron pipe, 1 in. diam., firmly set, projecting 18 ins. above the ground, from which the remains of an original bearing tree:</p> <p style="padding-left: 40px;">A fir stump, 40 ins. diam., bears S. 32° W., 34 lks. dist., no marks visible.</p> <p>and a bearing tree mkd. by Thiel in 1903</p> <p style="padding-left: 40px;">A cedar, 24 ins. diam., bears N. 10° W., 41 lks. dist., with scribe marks 1/4 S3 on an upper blaze and H on a lower blaze, and an older decayed blaze at the base of the tree.</p> <p>and bearing trees mkd. by the Weyerhaeuser Company</p> <p style="padding-left: 40px;">A cedar stump, 50 ins. diam., bears N. 7° E., 70 lks. dist., with a nail, marked W on the head, driven into the base.</p> <p style="padding-left: 40px;">A fir, 18 ins. diam., bears S. 57° E., 29 lks. dist., with a Weyerhaeuser metal tag.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; padding-left: 100px;"> T22S R4W S 3 1/4----- S 10 1993 </div> <p>from which new bearing trees</p> <p style="padding-left: 40px;">A fir, 7 ins. diam., bears S. 87° E., 31 lks. dist., mkd. 1/4 S10 BT.</p> <p style="padding-left: 40px;">A fir, 7 ins. diam., bears N. 16° W., 10 lks. dist., mkd. 1/4 S3 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post and iron pipe alongside.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 89° 49' 30" W., beginning a new measurement.</p> <p>Descend over a steep broken SW. slope.</p>
4.90	Creek, 2 lks. wide, course S. 30° E.; asc. over a broken SE. slope.
27.80	Spur, slopes S. 10° W.; desc. over a broken SW. slope.
39.770	The cor. of secs. 3, 4, 9 and 10, monumented with an iron post, 1¼ ins. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd.

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

CHAINS

COUNTY SURVEYORS OFFICE

T22S R4W

S 4 | S 3

S 9 | S 10

1962

from which the remains of the original bearing trees

A roothole, bears N. 47° E., 32 lks. dist., with a down,
decayed fir alongside, 66 ins. diam., no marks visible.

A roothole, bears S. 42° W., 28 lks. dist., with a down,
decayed fir alongside, size indeterminate, no marks
visible.

A fir stump, 42 ins. diam., bears N. 6° W., 94 lks. dist.,
with a healed blaze.

and a bearing tree mkd. by Thiel

A cedar, 27 ins. diam., bears S. 72½° E., 39 lks. dist., with
a healed blaze.

and the remains of bearing trees mkd. by Milo E. Godfrey, Deputy
County Surveyor, in 1962 (recorded in Douglas County Surveyor's
Office corner renewal record, T. 22 S., R. 4 W., No. 58)

A fir, 18 ins. diam., bears N. 10° E., 59 lks. dist., with a
healed blaze.

A fir, 14 ins. diam., bears S. 61½° E., 12½ lks. dist., with
a healed blaze.

A rotted fir log, 12 ins. diam., bears S. 41° W., 76 lks.
dist., no visible marks.

A fir, 23 ins. diam., bears N. 40° W., 9½ lks. dist., with a
healed blaze.

and a bearing tree mkd. by Jelley and Rogers

A fir, 13 ins. diam., bears S. 18½° W., 105 lks. dist., with
a healed blaze.

Subdivision of Section 3,
T. 22 S., R. 4 W., Willamette Meridian, Oregon

From the 1/4 sec. cor. of secs. 3 and 10.

N. 3° 13' 30" W., on the N. and S. centerline of sec. 3.

Ascend over a broken S. slope, through heavy timber and dense
undergrowth.

22.40

Ridge, bears N. 75° W. and S. 75° E.; desc. over a broken NW.
slope.

Subdivision of Section 3,
T. 22 S., R. 4 W., Willamette Meridian, Oregon

CHAINS	
24.80	Dirt road, 20 lks. wide, bears E. and W.
28.20	Creek, 2 lks. wide, course NW.; asc. over a SW. slope.
30.50	Spur, slopes W.; desc. over a broken NW. slope.
39.800	Point for the center $\frac{1}{4}$ sec. cor. of sec. 3, at intersection with the E. and W. centerline. Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap mkd. <div style="text-align: center;">T22S R4W C 1/4 S 3 1994</div> <p>from which</p> <p style="margin-left: 40px;">A hemlock, 16 ins. diam., bears S. 36° W., $12\frac{1}{2}$ lks. dist., mkd. C 1/4 S3 BT.</p> <p style="margin-left: 40px;">A yew, 6 ins. diam., bears N. 18° W., $3\frac{1}{2}$ lks. dist., mkd. C 1/4 S3 BT.</p> <p>Descend over a NW. slope.</p>
44.10	Spur, slopes N. 20° W.; desc. over a NE. slope.
55.00	Creek, 5 lks. wide, course N. 60° W.; asc. over a SW. slope.
59.760	Point for the center N $\frac{1}{16}$ sec. cor. of sec. 3. Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 20 ins. in the ground, with brass cap mkd. <div style="text-align: center;">C N 1/16 S 3 C 1994</div> <p>from which</p> <p style="margin-left: 40px;">A fir, 5 ins. diam., bears S. 55° E., 15 lks. dist., mkd. X BT.</p> <p style="margin-left: 40px;">A fir, 8 ins. diam., bears N. 13° W., 15 lks. dist., mkd. CN 1/16 S3 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>Ascend over a SW. slope.</p>
62.00	Spur, slopes W.; desc. over a broken NW. slope.
75.15	Creek, 2 lks. wide, course S. 55° W.; asc. over a broken SE. slope.

Subdivision of Section 3,
T. 22 S., R. 4 W., Willamette Meridian, Oregon

CHAINS	
78.870	<p>The 1/4 sec. cor. of secs. 3 and 34, on the N. bdy. of the Tp., monumented with an iron post, 2½ ins. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T21S R4W S 34 1/4----- S 3 T22S R4W 1980</p> <p>from which bearing trees mkd. by Jelley and Rogers</p> <p style="padding-left: 40px;">A fir, 17 ins. diam., bears N. 2½° E., 72 lks. dist., with scribe marks BT visible on a partially healed blaze. (Record, North, 47½ lks.)</p> <p style="padding-left: 40px;">A fir, 20 ins. diam., bears S. 14¼° W., 68 lks. dist., with a healed blaze. (Record, S. 18¼° W., 70 lks.)</p> <p>The corner is on the S. edge of an abandoned dirt road, 30 lks. wide, bearing E. and W.</p>
8.10	<p>From the 1/4 sec. cor. of secs. 2 and 3, monumented with an iron post, 1¼ ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd.</p> <p style="text-align: center;">COUNTY SURVEYORS OFFICE T22S R4W 1/4 S 3 S 2 1962</p> <p>from which the remaining original bearing tree</p> <p style="padding-left: 40px;">A cedar, 40 ins. diam., bears N. 7° E., 5 lks. dist., with a healed blaze.</p> <p>and a bearing tree mkd. by Milo E. Godfrey, Deputy County Surveyor, in 1962 (Douglas County Corner Renewal Record, T. 22 S., R. 4 W., No. 57)</p> <p style="padding-left: 40px;">A cedar, 16 ins. diam., bears S. 88° W., 55 lks. dist., with a healed blaze.</p> <p>N. 89° 49' 30" W., on the E. and W. centerline of sec. 3.</p> <p>Ascend over a broken NE. slope, through heavy timber and dense undergrowth.</p>
21.795	<p>Ridge, bears N. and S.; desc. over a broken W. slope.</p> <p>Point for the center E 1/16 sec. cor. of sec. 3.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p>

Subdivision of Section 3,
T. 22 S., R. 4 W., Willamette Meridian, Oregon

CHAINS	
	E 1/16 C----- C S 3 1994
	from which
	A hemlock, 12 ins. diam., bears N. 52° E., 17 lks. dist., mkd. CE 1/16 S3 BT.
	A sawed yew stump, 18 ins. diam., bears S. 52° E., 33 lks. dist., mkd. CE 1/16 S3 BT.
	Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.
	Descend over a SW. slope.
22.20	Creek, 2 lks. wide, course N. 70° W.; asc. over a broken NE. slope.
30.60	Spur, slopes N. 30° E.; cross over a broken N. slope.
40.90	Spur, slopes NW.; desc. over a NW. slope.
41.870	The center 1/4 sec. cor. of sec. 3.
	Descend over a steep NW. slope.
44.60	Creek, 3 lks. wide, course N.; asc. over a broken NE. slope.
54.10	Spur, slopes N. 50° E.; desc. over a broken NW. slope.
61.835	Point for the center W 1/16 sec. cor. of sec. 3.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	W 1/16 C----- C S 3 1994
	from which
	A fir, 10 ins. diam., bears N. 50° E., 25 lks. dist., mkd. CW 1/16 S3 BT.
	A hemlock, 17 ins. diam., bears S. 32° W., 24 lks. dist., mkd. CW 1/16 S3 BT.
	Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.
	Descend over a NW. slope.
62.10	Ravine, drains N.; asc. over a NE. slope.
66.10	Dirt road, 20 lks. wide, on ridge top, bears N. and S.; desc. over a broken W. slope.

Subdivision of Section 3,
T. 22 S., R. 4 W., Willamette Meridian, Oregon

CHAINS	
81.800	<p>The 1/4 sec. cor. of secs. 3 and 4, monumented with an iron post, 2½ ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd.</p> <p style="text-align: center;">T22S R4W 1/4 S 4 S 3 1980</p> <p>from which bearing trees mkd. by Jelley and Rogers</p> <p style="padding-left: 40px;">A fir, 14 ins. diam., bears S. 13° E., 16 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A fir, 16 ins. diam., bears N. 36° W., 33 lks. dist., with healed blaze.</p> <p>From this corner, the Bureau of Land Management, Geodetic Control Station No. EC 41052, at latitude 43° 41' 20.677" N., longitude 123° 10' 18.242" W. (NAD 1927), determined by the NAVSTAR Global Positioning System, bears N. 48° 44' 35" W., 29.460 chs. (mean bearing and sea level distance), monumented with an aluminum cap, ¾ ins. diam., firmly set flush with the ground in concrete, mkd. EC 41052 GPS 1990.</p> <hr/> <p>From the center E 1/16 sec. cor. of sec. 3.</p> <p>N. 3° 17' 30" W., on the N. and S. centerline of the NE 1/4 of sec. 3.</p> <p>Ascend over a SW. slope, through heavy timber and dense undergrowth.</p>
1.80	Spur, slopes N. 50° W.; desc. over a broken NW. slope.
5.80	Creek, 1 lk. wide, course N. 80° W.; asc. over a broken SW. slope.
16.50	Spur, slopes N. 45° W.; desc. over a broken N. slope.
19.950	<p>Point for the NE 1/16 sec. cor. of sec. 3, at intersection with the E. and W. centerline of the NE 1/4.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">NE 1/16 S3 1994</p> <p>from which</p> <p style="padding-left: 40px;">A fir, 11 ins. diam., bears N. 45° E., 37 lks. dist., mkd. NE 1/16 S3 BT.</p> <p style="padding-left: 40px;">A fir, 9 ins. diam., bears S. 19° W., 13 lks. dist., mkd. NE 1/16 S3 BT.</p> <p>Descend over a broken NW. slope.</p>
28.90	Creek, 3 lks. wide, course N. 55° W.; cross creek bottom land.

Subdivision of Section 3,
T. 22 S., R. 4 W., Willamette Meridian, Oregon

CHAINS	
32.00	Creek, 3 lks. wide, course N. 73° W.; asc. over a broken SW. slope.
39.210	<p>The E 1/16 sec. cor. of sec. 3 only, on the N. bdy. of the Tp., monumented with an iron post, 2¼ ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd.</p> <hr style="width: 20%; margin: 10px auto;"/> <p style="text-align: center;">E 1/16 S 3 1980</p> <p>from which bearing trees mkd. by Jelley and Rogers</p> <p style="padding-left: 40px;">A fir, 6 ins. diam., bears S. 65° E., 39 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A fir, 27 ins. diam., bears S. 89° W., 54 lks. dist., with healed blaze. (Record, 60 lks.)</p> <hr style="width: 80%; margin: 10px auto;"/> <p>From the N 1/16 sec. cor. of secs. 2 and 3, monumented with an aluminum post, 2¼ ins. diam., firmly set, projecting 4 ins. above the ground, with aluminum cap mkd.</p> <p style="text-align: center;">N 1/16 S 3 S 2 1981</p> <p>from which bearing trees mkd. by Jelley and Rogers</p> <p style="padding-left: 40px;">A fir, 18 ins. diam., bears S. 25° E., 5 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A fir, 16 ins. diam., bears N. 24° W., 24 lks. dist., with healed blaze.</p> <p>N. 89° 49' 00" W., on the E. and W. centerline of the NE 1/4 of sec. 3.</p> <p>Descend over a broken W. slope, through heavy timber and dense undergrowth.</p>
1.90	Creek, 3 lks. wide, course N. 35° W.; asc. over a broken NE. slope.
21.20	Spur, slopes N. 20° E.; desc. over a NW. slope.
22.530	<p>The NE 1/16 sec. cor. of sec. 3.</p> <p>Descend over a broken W. slope.</p>
42.580	<p>The center N 1/16 sec. cor. of sec. 3.</p> <hr style="width: 80%; margin: 10px auto;"/> <p>From the center W 1/16 sec. cor. of sec. 3.</p> <p>N. 3° 24' 00" W., on the N. and S. centerline of the NW 1/4 of sec. 3.</p>

Subdivision of Section 3,
T. 22 S., R. 4 W., Willamette Meridian, Oregon

CHAINS	
	Descend over a NW. slope, through heavy timber and dense undergrowth.
2.60	Ravine, drains N. 40° E.; asc. over a broken SE. slope.
14.80	Spur, slopes N. 60° E.; desc. over a broken N. slope.
32.30	Creek, 10 lks. wide, course NW.; cross over nearly level, creek bottom land.
38.910	The W 1/16 sec. cor. of secs. 3 and 34, on the N. bdy. of the Tp., monumented with a brass tablet, 3¼ ins. diam., cemented into solid rock, mkd.
	S 34 W 1/16----- S 3 1980
	from which bearing trees mkd. by Jelley and Rogers
	A hemlock, 14 ins. diam., bears N. 13¼° E., 85 lks. dist., with a healed blaze.
	A yew, 18 ins. diam., bears S. 52° W., 32½ lks. dist., with scribe marks W 1/16 S3 BT visible on a partially healed blaze.
	The corner is 5 lks. W. of a creek, 3 lks. wide, course N. 20° W.
	<hr/> GENERAL DESCRIPTION <hr/>
	The lands included in the foregoing survey are located in Douglas County approximately three miles southeast of the town of Curtin, Oregon.
	The terrain is mountainous, the elevations range from 500 feet to 1,800 feet above sea level.
	The drainage is northwesterly by numerous small creeks flowing into Buck Creek, and southwesterly by small creeks flowing into Lees Creek.
	The soil is rocky clay. The lands are forested with fir, cedar, hemlock, pine, yew, alder, cherry, maple, oak, madrone, willow, ash and chinquapin; with undergrowth of ferns, poison oak, arrowwood, hazel, Oregon grape, salal, huckleberry, blackberry, thimbleberry, salmonberry, gooseberry, currant, wild rose, rhododendron, manzanita and young timber.
	Access is by logging roads branching from Douglas County Road No. 62.
	No mineral deposits were noted along the lines surveyed. The principal industry is timber production.
	The mean magnetic declination is 19° East, with a range of 1° due to local attraction.