

CHAINS

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 2 WEST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON.

EXECUTED BY

Bryan S. Seibold, Cadastral Surveyor

Under Special Instructions dated July 25, 1991, approved July 26, 1991,
which provided for the surveys included under Group No. 1624,
and Assignment Instructions dated August 22, 1991.

Survey commenced August 28, 1991

Survey completed October 3, 1991

T. 24 S., R. 2 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 2 west, Willamette Meridian, Oregon.

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

A portion of the subdivisional lines was surveyed by Henry L. Chandler, U.S. Deputy Surveyor, in 1894.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated July 25, 1991, for Group No. 1624, Oregon.

Preliminary to the resurvey, the lines of the prior surveys were retraced and search was made for all corners and other calls of the 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.

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.

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 the 1/4 section corner of sections 23 and 26, as determined from a tie to Geodetic Control Station No. EC41118, established by the Bureau of Land Management, Oregon State Office Geodetic Control Unit, in 1991, is as follows:

Latitude 43° 27' 50.70" N. Longitude 122° 54' 05.22" W.

The mean magnetic declination is 18° East.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 24 S., R. 2 W., Willamette Meridian, Oregon**

(Restoring the survey by Henry L. Chandler in 1894)

Beginning at the 1/4 sec. cor. of secs. 23 and 26, perpetuated and recorded by Vernon W. Hosford, Registered Land Surveyor No. 253, in 1952, recorded in the Douglas County Surveyor's Office, map file M12-55, further perpetuated and recorded by John M. Powell, Deputy County Surveyor, in 1970, recorded in the Douglas County Surveyor's Office, corner renewal file T. 24 S., R. 2 W., No. 82; monumented with an iron post, 1½ ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 24 S., R. 2 W., Willamette Meridian, Oregon**

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	COUNTY SURVEYORS OFFICE T24S R2W S 23 1/4 ----- S 26 1970
	from which the remains of the original bearing trees
	A hemlock, 17 ins. diam., bears N. 4 3/4° E., 16 lks. dist., with scribe mark S visible on opened blaze. (Record, N. 7½° E.)
	A root hole, bears S. 26° W., 22 lks. dist., with uprooted 26 in. diam. hemlock alongside, with healed blaze. (Record, S. 40° W.)
	and the remains of a bearing tree mkd. by Powell
	A hemlock snag, 14 ins. diam., bears N. 31° W., 37 lks. dist., with healed single blaze.
	and a new bearing tree
	A hemlock, 16 ins. diam., bears S. 43 3/4° E., 64 lks. dist., mkd. 1/4 S26 BT.
	From this point, the Bureau of Land Management, Geodetic Control Station No. EC41118, at Latitude 43° 27' 52.348" N., Longitude 122° 54' 02.546" W. (NAD 1927), determined by the NAVSTAR Global Positioning System, bears N. 49° 46' 10" E., 3.916 chs. dist. (mean bearing and sea level distance), monumented with an aluminum cap, 2½ ins. diam., firmly set in concrete flush with the ground, with top mkd. EC41118 GPS 1991.
	S. 88° 29' 30" W., bet. secs. 23 and 26.
	Descend over SW. slope along the S. edge of a clearcut.
10.15	Rock Creek, 24 lks. wide, course S. 40° E.; asc. over broken SE. slope, through heavy timber and moderate undergrowth.
12.00	Creek, 2 lks. wide, course N. 40° E.; asc. over steep SE. slope.
35.60	Spur, slopes N. 40° E.; desc. over NW. slope.
38.900	The cor. of secs. 22, 23, 26 and 27, perpetuated and recorded by Vernon W. Hosford, Registered Land Surveyor No. 253, in 1952, from original evidence no longer in existence, recorded in the Douglas County Surveyor's Office, corner renewal file T. 24 S., R. 2 W., No. 1, and map file M12-55, monumented with an iron pipe, 1½ ins. diam., firmly set, projecting 8 ins. above ground, from which the remains of the bearing trees mkd. by Hosford:
	A fir, 20 ins. diam., bears N. 53½° E., 47 lks. dist., with healed blaze.
	A hemlock snag, 12 ins. diam., bears S. 16 3/4° E., 18 lks. dist., with scribe marks R2W S26 PS253 BT visible on open blaze.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 24 S., R. 2 W., Willamette Meridian, Oregon**

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	<p>A cedar, 24 ins. diam., bears N. 21½° W., 24½ lks. dist., with fragmentary scribe marks visible on partially healed blaze.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, directly over the 1½ in. diam. iron pipe, with brass cap mkd.</p> <p style="text-align: center;">T24S R2W S 22 * S 23 ----- S 27 * S 26 1991</p> <p>from which new bearing trees</p> <p>A hemlock, 15 ins. diam., bears S. 59½° E., 25 lks. dist., mkd. T24S R2W S26 BT.</p> <p>A hemlock, 17 ins. diam., bears S. 43¼° W., 40 lks. dist., mkd. T24S R2W S27 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr/> <p>N. 0° 21' 30" W., bet. secs. 22 and 23.</p> <p>Descend over steep NW. slope, through heavy timber and moderate undergrowth.</p> <p>26.20 Ravine, drains N. 70° E.; asc. over steep SW. slope.</p> <p>31.20 Spur, slopes S. 85° E.; desc. over broken NE. slope.</p> <p>36.930 The 1/4 sec. cor. of secs. 22 and 23, perpetuated and recorded by Vernon W. Hosford, Registered Land Surveyor No. 253, in 1957, recorded in the Douglas County Surveyor's Office, corner renewal file T. 24 S., R. 2 W., No. 9, monumented with an iron pipe, 1½ ins. diam., firmly set, projecting 12 ins. above ground, from which the remains of an original bearing tree:</p> <p style="padding-left: 40px;">A fir snag, 42 ins. diam., bears N. 48° E., 16 lks. dist., with healed double blaze. (Record, 14 lks.)</p> <p>and the bearing trees mkd. by Hosford</p> <p style="padding-left: 40px;">A hemlock, 17 ins. diam., bears N. 61° E., 5 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A hemlock, 19 ins. diam., bears N. 20 3/4° W., 35 lks. dist., with healed blaze.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 23 ins. in the ground, directly over the 1½ in. diam. iron pipe, with brass cap mkd.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 24 S., R. 2 W., Willamette Meridian, Oregon

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	T24S R2W 1/4 S 22 * S 23 1991
	Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.
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	N. 0° 14' 30" E., beginning new measurement.
	Descend over broken NE. slope, through heavy timber and dense undergrowth.
11.10	Rock Creek, 22 lks. wide, course S. 35° E.; asc. over SW. slope.
24.20	Spur, slopes S. 70° W.; desc. over broken NW. slope.
38.65	Creek, 6 lks. wide, course S. 60° W.; asc. over SE. slope.
39.460	The cor. of secs. 14, 15, 22 and 23, perpetuated and recorded by Vernon W. Hosford, Registered Land Surveyor No. 253, in 1957, recorded in the Douglas County Surveyor's Office, corner renewal file T. 24 S., R. 2 W., No. 5, further perpetuated and recorded by Vernon "Ray" Tracy, Deputy County Surveyor, in 1968, recorded in the Douglas County Surveyor's Office, corner renewal file T. 24 S., R. 2 W., No. 49, monumented with an iron post, 1½ ins. diam., firmly set, projecting 9 ins. above ground, with brass cap mkd.
	COUNTY SURVEYORS OFFICE T24S S 15 * S 14 ----- S 22 * S 23 R2W 1968
	from which an original bearing tree
	A cedar, 41 ins. diam., bears S. 15° W., 24 lks. dist., with fragmentary scribe marks visible on partially healed blaze.
	and bearing trees mkd. by Hosford
	A hemlock, 34 ins. diam., bears S. 57 3/4° E., 117 lks. dist., with scribe marks T24S R2W S23 PS253 BT visible on open blaze.
	A yew, 18 ins. diam., bears N. 71¼° W., 115 lks. dist., with fragmentary scribe marks visible on partially healed blaze.
	and a new bearing tree
	A cedar, 7 ins. diam., bears N. 65° E., 27 lks. dist., mkd. T24S R2W S14 BT.
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GENERAL DESCRIPTION

The lands included in the foregoing resurvey are located in steep hilly country approximately 11 miles northeasterly of Idleld Park, Oregon. The elevation ranges from approximately 1,700 feet above sea level near Rock Creek on the south boundary of section 23, to approximately 2,700 feet above sea level near the section corner of sections 22, 23, 26 and 27.

The area is drained by Rock Creek, with other small and seasonal drainages throughout. The soil consists of a rocky clay. The timber consists of fir, cedar, hemlock, yew, pine, alder and maple. The undergrowth is mainly salal, Oregon grape, manzanita, arrowwood, vine maple, rhododendron, and young timber.

Access is gained via State Highway No. 138, County Road No. 78A, and Rock Creek Road, with other graveled and dirt roads branching into the area.

No mineral deposits were noted along the lines resurveyed. The lands are used primarily for timber.

The average of readings in the area gives a value of 18° East for the mean magnetic declination. There is a range of ±1° due to local attraction.
