

CHAINS

DUPLICATE

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,
TOWNSHIP 24 SOUTH, RANGE 2 WEST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON.

EXECUTED BY

Dale T. Bedell, Cadastral Surveyor

Under Special Instructions dated April 2, 1990,
approved April 4, 1990,
which provided for the surveys included under Group No. 1533,
and Assignment Instructions dated April 17, 1990.

Survey commenced May 1, 1990

Survey completed May 21, 1990

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 east boundary and subdivisional lines, township 24 south, range 2 west, Willamette Meridian, Oregon.

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

In 1883, John A. McQuinn, U.S. Deputy Surveyor, surveyed the east boundary.

In 1894, Henry L. Chandler, U.S. Deputy Surveyor, surveyed a portion of the subdivisional lines.

In 1896, Carl S. Nicklin, U.S. Deputy Surveyor, retraced the east boundary.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated April 2, 1990, for Group No. 1533, Oregon.

The directions of the lines refer to the true meridian as determined by deflections from azimuths obtained by direct solar observations.

Preliminary to the resurvey, the lines of the original surveys were retraced and search was made for all corners and other calls of the record. The retracement data were thoroughly verified and only the true line field notes are given herein. Only those lines bounding public lands were blazed. 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 the corner of sections 1, 6, 7, and 12, on the east boundary of the township, as determined from a tie to National Geodetic Survey triangulation station "HUCKLE," is as follows:

Latitude 43° 30' 33.67" N. Longitude 122° 52' 17.95" W.

The mean magnetic declination is 20° East.

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(Restoring the survey by John A. McQuinn in 1883
and the retracement by Carl S. Nicklin in 1896)

Beginning at the cor. of secs. 7, 12, 13 and 18 on the E. bdy. of the Tp., perpetuated by Vernon Ray Tracy, Deputy County Surveyor, in 1969, recorded in Douglas County Corner Renewal Record No. 70, T. 24 S., R. 2 W., monumented with an iron post, 1½ ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd.

COUNTY SURVEYORS OFFICE

R 2 W T 24 S R 1 W

S 12 * S 7

S 13 * S 18

1969

from which the remains of the original bearing trees

A fir stump, 35 ins. diam., bears S. 81° E., 30 lks. dist., no marks remaining.

A hemlock, 36 ins. diam., bears S. 80° W., 46 lks. dist., with healed blaze. (Record, S. 75° W.)

A fir stump, 24 ins. diam., bears N. 61° W., 50 lks. dist., no marks remaining.

and the remains of bearing trees mkd. by Tracy

A hemlock stump, 11 ins. diam., bears N. 6° W., 34 lks. dist., with scribe marks 24S R2W S12 CS BT visible on a partially healed blaze. The stump is 7 ft. high with a metal cap.

A hemlock stump, 24 ins. diam., bears S. 43° E., 90 lks. dist., with scribe marks T24S R1W S18 CS BT visible on a partially healed blaze. The stump is 4 ft. high with a metal cap.

No suitable trees available.

N. 1° 51' 00" E., bet. secs. 7 and 12.

Descend over NE. slope through a clearcut logged area.

- | | |
|------|---|
| 0.65 | Gravel road, 30 lks. wide, bears S. 75° E. and N. 75° W. curving N. |
| 1.60 | Creek, 5 lks. wide, course S. 85° E.; asc. over SE. slope, with clearcut logging W. and heavy timber E. |
| 2.90 | Gravel road, 30 lks. wide, bears N. 65° E. and S. 65° W., curving S. |

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6.70	Spur, slopes E.; desc. over NE. slope.
15.10	Ravine, drains S. 60° E.; asc. over broken SE. slope.
38.505	<p>The ¼ sec. cor. of secs. 7 and 12, reestablished at proportionate distance by Steven P. Ness, Registered Land Surveyor No. 811, in 1980, recorded in Douglas County Records map file No. M86-10. There is no remaining evidence of the original corner. Therefore, this position is accepted as the corner; monumented with an iron rod, 5/8 in. diam., firmly driven into a fissure on an E. sloping rock bluff, projecting 12 ins., with unmarked aluminum cap, from which bearing trees mkd. by Ness:</p> <p style="padding-left: 40px;">A fir, 42 ins. diam., bears N. 55° E., 94 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A yew, 6 ins. diam., bears S. 44¼° E., 56 lks. dist., with scribe marks ¼ S BT visible on partially healed blaze.</p> <p>and a new reference monument</p> <p style="padding-left: 40px;">A brass tablet, 3 ins. diam., with a 3 in. stem, cemented into a drill hole in solid rock for a reference monument, bears N. 45° W., 0.205 chs. dist., mkd. RM ¼ S12 13.5 FT TO COR 1990 and an arrow pointing to the corner.</p> <p>The corner is located 30 ft. above the base of the rock bluff, on a steep rock outcrop, sloping E.</p> <hr style="width: 25%; margin: 10px auto;"/> <p>N. 1° 51' 00" E., beginning new measurement.</p> <p>Descend over broken NE. slope.</p>
6.30	Ravine, drains E.; asc. over broken SE. slope.
13.20	Spur, slopes E.; desc. over NE. slope.
16.50	Creek, 10 lks. wide, course S. 35° E.; asc. over SW. slope.
19.250	<p>The N 1/16 sec. cor. of secs. 7 and 12 established by Steven P. Ness, Registered Land Surveyor No. 811, in 1980, recorded in Douglas County Records map file No. M86-10, and is accepted as the corner, monumented with an iron rod, 5/8 in. diam., firmly set, projecting 2 ins. above the ground, with aluminum cap mkd.</p> <p style="text-align: center;">N 1/16 S 12*S 7 1980</p> <p>from which the remains of the bearing trees mkd. by Ness</p> <p style="padding-left: 40px;">A fir stump, 30 ins. diam., bears S. 35° W., 41 lks. dist., with a healed blaze. The stump is 5 ft. high.</p>

**Dependent Resurvey of a Portion of the East Boundary,
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A fir stump, 14 ins. diam., bears N. 18° W., 30 lks. dist., with scribe marks N 1/16 S12 BT visible on a partially healed blaze. The stump is 4 ft. high with a metal cap.

N. 1° 51' 00" E., beginning new measurement.

Descend NW. slope.

4.10 Creek, 5 lks. wide, course SW.; asc. over steep, broken S. slope.

19.250 The cor. of secs. 1, 6, 7 and 12, perpetuated and recorded by Vernon Ray Tracy, Deputy County Surveyor, in 1969, subsequently recovered by Steven P. Ness, Registered Land Surveyor No. 811, in 1980, recorded in Douglas County Records map file No. M86-10, monumented with an iron post, 1½ ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd.

COUNTY SURVEYORS OFFICE

R 2 W T 24 S R 1 W

S 1*S 6

S 12*S 7

1969

from which the remains of the original bearing trees

A fir, 30 ins. diam., bears N. 15° E., 80 lks. dist., with old axe marks on the bark. (Record, 82 lks.)

A rotted pine stump, 16 ins. diam., bears S. 42° W., 8 lks. dist., no marks remaining.

A pine snag, 14 ins. diam., bears N. 27° W., 6 lks. dist., with scribe marks T24S R2W S1 CS BT on a partially healed blaze.

and the remains of bearing trees mkd. by Tracy

A pine snag, 8 ins. diam., bears N. 18° E., 8 lks. dist., with scribe marks T24S R1W S6 CS BT visible on a partially healed blaze.

A fir, 18 ins. diam., bears S. 72° E., 40 lks. dist., with healed blaze.

A fir stump, 18 ins. diam., bears S. 70° W., 36 lks. dist., with healed blaze. The stump is 7 ft. high with a metal cap.

and a new bearing tree

A fir, 18 ins. diam., bears N. 37° W., 22 lks. dist., mkd. T24S R2W S1 BT.

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The corner is on a S. slope at the NE. corner of a clearcut logged area.

From this point, National Geodetic Survey triangulation station "HUCKLE 1953-1970," bears N. 82° 25' 30" E., 57.425 chs. dist. The station is monumented with a bronze tablet, 3 ins. diam., cemented into solid rock, found in good condition beneath a concrete slab, 8 ins. thick, 6 ft. diam., which was broken through during this survey. All reference monuments have been destroyed.

**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)

From the cor. of secs. 7, 12, 13 and 18, on the E. bdy. of the Tp.
S. 84° 33' 00" W., bet. secs. 12 and 13.

Cross a broken N. slope, along the S. edge of a clearcut logged area.

- | | |
|--------|--|
| 8.30 | Creek, 2 lks. wide, course N. 80° E.; asc. over steep E. slope. |
| 14.70 | Dirt road, 30 lks. wide, bears N. and S. on spur sloping S. |
| 18.40 | Ravine, drains S.; asc. over SE. slope. |
| 22.60 | Spur, slopes S.; cross broken S. slope. |
| 29.80 | Spur, slopes S. 20° W.; desc. over broken SW. slope. |
| 38.500 | The ¼ sec cor. of secs. 12 and 13, perpetuated by Vernon Ray Tracy, Deputy County Surveyor, in 1970, recorded in Douglas County Corner Renewal Record No. 78, T. 24 S., R. 2 W., monumented with an iron post, 1½ ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd. |

COUNTY SURVEYORS OFFICE

T 24 S
S 12
¼ ----
S 13
R 2 W
1970

from which the original bearing trees

A fir, 21 ins. diam., bears S. 11° W., 29 lks. dist.,

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with illegible scribe marks on a partially opened blaze.

A fir, 29 ins. diam., bears N. 69° W., 40 lks. dist.,
with healed blaze. (Record, N. 75° W.)

and the remains of the bearing trees mkd. by Tracy

A root hole, bears N. 63° E., 8 lks. dist., with a
down cedar alongside, 12 ins. diam., with healed blaze.

A fir, 17 ins. diam., bears S. 35° E., 47 lks. dist.,
with healed blaze.

N. 89° 09' 30" W., beginning new measurement.

Descend over broken SW. slope.

21.00 Northeast Fork of Rock Creek, 30 lks. wide, course SE.; also leave
S. edge of clearcut logged area; asc. over steep, broken NE. slope
through heavy timber and dense undergrowth.

37.285 The cor. of secs. 11, 12, 13 and 14, perpetuated by Vernon Ray
Tracy, Deputy County Surveyor, in 1969, recorded in Douglas County
Corner Renewal Record No. 65, T. 24 S., R. 2 W., monumented with
an iron post, 1½ ins. diam., firmly set, projecting 6 ins. above
ground, with brass cap mkd.

COUNTY SURVEYORS OFFICE

T 24 S

S 11 * S 12

S 14 * S 13

R 2 W

1969

from which the remains of the original bearing trees

A fir, 40 ins. diam., bears N. 85° E., 33 lks. dist.,
with bark scribing T2 S W S BT visible. (Record, 34 lks.)

A fir, 28 ins. diam., bears S. 33° E., 46 lks. dist.,
with healed upper and lower blazes. (Record, 52 lks.)

A maple, 12 ins. diam., bears S. 38° W., 34 lks. dist.,
with scribe marks 24S R2W CS BT visible on a partially
healed blaze. (Record, fir.)

A root hole, bears N. 73° W., 58 lks. dist., with a
down maple alongside, 12 ins. diam., with illegible
scribe marks on a burnt blaze. (Record, 28 lks.)

and bearing trees mkd. by Tracy

A hemlock, 10 ins. diam., bears N. 54° E., 44 lks.

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dist., with healed blaze.

A hemlock, 27 ins. diam., bears N. 27° W., 46 lks. dist., with scribe marks S R2W CS visible on a partially healed blaze.

N. 0° 28' 30" W., bet. secs. 11 and 12.

Descend over NE. slope, through heavy timber and dense undergrowth.

1.00 Ravine, drains N. 30° E.; cross broken E. slope.

7.80 Creek, 5 lks. wide, course S. 85° E.; asc. over broken SE. slope.

33.60 Spur, slopes E.; desc. over NE. slope.

38.715 The ¼ sec. cor. of secs. 11 and 12, perpetuated by John M. Powell, Deputy County Surveyor, in 1970, and recorded in Douglas County Corner Renewal Record No. 80, T. 24 S., R. 2 W., monumented with an iron post, 1½ ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd.

COUNTY SURVEYORS OFFICE

T 24 S R 2 W

¼ S 11 * S 12

1970

from which the original bearing trees

A fir, 36 ins. diam., bears S. 82° E., 15 lks. dist., with healed blaze.

A fir, 24 ins. diam., bears N. 47° W., 27 lks. dist., with healed blaze.

GENERAL DESCRIPTION

The lands included in the foregoing survey are located in mountainous country in Douglas County about 18 miles northeast of the town of Glide, Oregon. The elevations range from 2600 feet to 4000 feet above sea level.

The drainage is southerly by tributaries to Rock Creek. The soil is rocky clay. The timber consists of fir, hemlock, cedar, yew, oak and madrone; with undergrowth of manzanita, poison oak, huckleberry, blackberry, Oregon grape, salal and fern.

Access is via logging roads branching from the North Umpqua Highway.

There were no mineral deposits noted along the lines

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resurveyed. The principle industry is timber production.

The mean magnetic declination is 20° East, with a range of 1° due to local attraction as determined by readings taken during the course of the survey.