

CHAINS

DUPLICATE

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES  
OF THE  
DEPENDENT RESURVEY OF PORTIONS OF  
THE NORTH BOUNDARY AND SUBDIVISIONAL LINES,  
TOWNSHIP 30 SOUTH, RANGE 8 WEST,  
OF THE WILLAMETTE MERIDIAN,  
IN THE STATE OF OREGON.

EXECUTED BY

Dale T. Bedell, Cadastral Surveyor  
Bryan S. Seibold, Cadastral Surveyor

Under Special Instructions dated June 1, 1989, approved June 6, 1989,  
and Supplemental Special Instructions dated April 11, 1990,  
approved April 13, 1990,  
which provided for the surveys included under Group No. 1494,  
and Assignment Instructions dated July 11, 1989, and May 9, 1990.

Survey commenced July 18, 1989

Survey completed April 15, 1993

## T. 30 S., R. 8 W., Willamette Meridian, Oregon

## CHAINS

The following field notes are those of the dependent resurvey of portions of the north boundary and subdivisional lines, township 30 south, range 8 west, Willamette Meridian, Oregon.

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

The north boundary was surveyed by Dennis Hathorn, U.S. Deputy Surveyor, in 1855.

The north boundary was resurveyed and the subdivisional lines were surveyed by William H. Byars, U.S. Deputy Surveyor, in 1882.

A portion of the north boundary was resurveyed by Donald R. Beck, Cadastral Surveyor, in 1965.

A portion of the subdivisional lines were resurveyed by G. Steven Popken and James J. Carlson, Cadastral Surveyors, in 1975.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, the Special Instructions dated June 1, 1989, and the Supplemental Special Instructions dated April 11, 1990, for Group No. 1494, Oregon.

Preliminary to the resurvey, the lines of the prior surveys were retraced and a search was made for all corners and other calls of record. Identified corners were remonumented in their original positions; lost corners were reestablished and monumented at proportionate positions based on the official record. 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.

The geographic position (NAD 1927) of the corner of sections 8, 9, 16, and 17, as determined from a direct tie to Geodetic Control Station EC41007, established by the Bureau of Land Management in 1989, is as follows:

Latitude 42° 58' 05.80" N. Longitude 123° 39' 40.07" W.

The geographic position (NAD 1927) of the corner of sections 4, 5, 8, and 9, as determined from a tie to Geodetic Control Station No. EC41007, established by the Bureau of Land Management in 1989, is as follows:

Latitude 42° 58' 57.24" N. Longitude 123° 39' 39.44" W.

The mean magnetic declination is 19° East.

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**Dependent Resurvey of a Portion of the North Boundary,  
T. 30 S., R. 8 W., Willamette Meridian, Oregon**

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**Dependent Resurvey of a Portion of the North Boundary,  
T. 30 S., R. 8 W., Willamette Meridian, Oregon**

**CHAINS**

(Restoring the survey by Dennis Hathorn in 1855,  
and the resurvey by William H. Byars in 1882)

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Beginning at the cor. of secs. 4, 5, 32, and 33, perpetuated by Arthur Boyer, Deputy County Surveyor, in 1939, and recorded in Douglas County Surveyor's Office file No. 16/25, further perpetuated by James W. Byron, Deputy County Surveyor, in 1958, and recorded in Douglas County Surveyor's Office corner renewal file T. 30 S., R. 8 W., No. 21, monumented with an iron post, 1½ ins. diam., firmly set, projecting 14 ins. above ground, with brass cap mkd.

COUNTY SURVEYORS OFFICE

T29S R8W

S32 \* S33

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S5 \* S4

T30S R8W

1958

from which the remains of the original bearing trees

A cedar, 31 ins. diam., bears S. 24° W., 30 lks. dist.,  
with scribe marks T30 R8W 5 visible on opened blaze.

A madrone snag, size indeterminate, bears N. 50° W.,  
29 lks. dist., no marks visible.

and the remains of bearing trees mkd. by Boyer

A fir, 34 ins. diam., bears N. 5½° E., 38½ lks. dist., with  
scribe marks S33 T29S R8W CS BT visible on a bark blaze.

A fir snag, 61 ins. diam., bears S. 10° E., 79 lks. dist.,  
with scribe marks S4 30/8 CS BT visible on a bark blaze.

and the remains of a bearing tree mkd. by Byron

A fir snag, 17 ins. diam., bears N. 36° W., 60 lks.  
dist., with healed blaze.

and new bearing trees

A fir, 14 ins. diam., bears S. 37° E., 50½ lks. dist.,  
mkd. T30S R8W S4 BT.

A fir, 16 ins. diam., bears N. 75° W., 135 lks. dist.,  
mkd. T29S R8W S32 BT.

S. 89° 03' 00" W., on the N. bdy. of sec. 5.

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

17.25 Creek, 4 lks. wide, course N. 35° W.; asc. over NE. slope.

31.15 Spur, bears N. 10° W.; desc. over NW. slope.

33.00 Ravine, drains N. 30° W.; asc. over broken NE. slope.

**Dependent Resurvey of a Portion of the North Boundary,  
T. 30 S., R. 8 W., Willamette Meridian, Oregon**

**CHAINS**

39.550

A point established as the  $\frac{1}{4}$  sec. cor. of sec. 32 only by Arthur Boyer, Deputy County Surveyor, in 1939, and recorded in Douglas County Surveyor's Office file No. 16/25, perpetuated by James W. Byron, Deputy County Surveyor, in 1958, and recorded in Douglas County Surveyor's Office corner renewal file T. 29 S., R. 8 W., No. 95, monumented with an iron post,  $1\frac{1}{2}$  ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd. COUNTY SURVEYORS OFFICE T29S R8W SOUTH  $\frac{1}{4}$  S32 T30S R8W 1958, from which bearing trees mkd. by Boyer:

An incense cedar, 62 ins. diam., bears S.  $76\frac{1}{4}^{\circ}$  E.,  
39 lks. dist., no marks visible on rotted blaze.

A red cedar, 14 ins. diam., bears N.  $10\frac{1}{4}^{\circ}$  W., 7 lks. dist.,  
with healed blaze.

and the remains of a bearing tree mkd. by Byron

A root hole, bears West, 32 lks. dist., there is no  
remaining evidence of the tree.

It was determined that this position was established at midpoint between the cor. of secs. 4, 5, 32, and 33 and the cor. of secs. 5 and 6 only. This point will now function as the  $\frac{1}{4}$  sec. cor. of sec. 5 only. The iron post was removed and the marks on the tree in sec. 32 were obliterated with concurrence from the Douglas County Surveyor.

At the corner point

Set a stainless steel post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 22 ins. in the ground, with brass cap mkd.

T29S R8W  
 $\frac{1}{4}$  S5  
T30S R8W  
1993

from which new bearing trees

A fir, 17 ins. diam., bears S.  $61^{\circ}$  E., 32 lks. dist., mkd.  
 $\frac{1}{4}$  S5 BT.

A fir, 18 ins. diam., bears S.  $22^{\circ}$  W., 31 lks. dist., mkd.  
 $\frac{1}{4}$  S5 BT.

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S.  $89^{\circ} 41' 00''$  W., beginning new measurement.

Ascend over NE. slope.

0.680

Point for the  $\frac{1}{4}$  sec. cor. of sec. 32 only, T. 29 S., R. 8 W., at proportionate distance; there is no remaining evidence of the original corner.

Set a stainless steel post, 28 ins. long,  $2\frac{1}{2}$  ins. diam., 22 ins. in the ground, with brass cap mkd.

Dependent Resurvey of a Portion of the North Boundary,  
T. 30 S., R. 8 W., Willamette Meridian, Oregon

CHAINS	
	T29S R8W <u>¼ S32</u> T30S R8W 1993
	from which
	A hemlock, 5 ins. diam., bears N. 41½° E., 53 lks. dist., mkd. ¼ S32 BT.
	A cedar, 14 ins. diam., bears N. 23½° W., 44 lks. dist., mkd. ¼ S32 BT.
6.50	Asphalt road, 20 lks. wide, bears N. 40° W. and S. 45° E.; desc. over broken SW. slope.
33.65	Graveled road, 20 lks. wide, bears N. 35° W. and S. 35° E.
34.35	Day Creek, 6 lks. wide, course N. 55° W.; asc. over broken NE. slope.
39.535	The cor. of secs. 5 and 6 only, monumented with an iron post, 2½ ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd.
	T29S R8W S32 ----- S6 * S5 T30S R8W 1965
	from which the remains of an original bearing tree
	A root hole, bears N. 21° E., 32 lks. dist., with uprooted partially decayed hemlock alongside, 26 ins. diam., with fragmentary scribe marks visible on opened blaze.
	and a bearing tree mkd. by James W. Byron, Deputy County Surveyor, in 1958
	A cedar, 8 ins. diam., bears S. 9° W., 65½ lks. dist., with healed blaze. (Record, S. 10½° W., 66 lks.)
	and a bearing tree mkd. by Beck
	A fir, 24 ins. diam., bears S. 64½° E., 66 lks. dist., with healed blaze.
	N. 87° 35' 00" W., on the N. bdy. of sec. 6.
	Ascend over NE. slope.
0.760	The cor. of secs. 31 and 32, T. 29 S., R. 8 W., monumented with an iron post, 2½ ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.

**Dependent Resurvey of a Portion of the North Boundary,  
T. 30 S., R. 8 W., Willamette Meridian, Oregon**

**CHAINS**

T29S R8W  
S31 \* S32  
-----  
T30S R8W  
S6  
1965

from which the remains of bearing trees mkd. by James W. Byron,  
Deputy County Surveyor, in 1958

A rotted, sawed hemlock stump, bears S. 60° W., 58½ lks.  
dist., with a down hemlock, 20 ins. diam., alongside,  
with scribe marks T30S R8W S6 CS visible on open blaze.

A rotted, hemlock stump, bears N. 3¼° W., 120 lks. dist.,  
with down hemlock, 10 ins. diam., alongside, with  
fragmentary scribe marks visible on partially healed blaze.

and new bearing trees

A fir, 4 ins. diam., bears N. 54° E., 42½ lks. dist.,  
mkd. X BT.

A fir, 6 ins. diam., bears N. 25½° W., 104 lks. dist.,  
mkd. T29S R8W S31 BT.

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 30 S., R. 8 W., Willamette Meridian, Oregon**

(Restoring the survey by William H. Byars in 1882)

From the cor of secs. 16, 17, 20 and 21, monumented with an iron  
post, 1½ ins. diam., firmly set, projecting 10 ins. above ground,  
with brass cap mkd.

COUNTY SURVEYORS OFFICE  
T30S  
S 17 \* S 16  
-----  
S 20 \* S 21  
R8W  
1965

from which the remaining original bearing tree

A madrone, 25 ins. diam., bears N. 14° E., 93 lks. dist.,  
no marks remaining on rotted blaze.

and the remains of the bearing trees mkd. by Vernon R. Tracy,  
Deputy County Surveyor, in 1965

A root hole, bears N. 71° E., 21 lks. dist., with a  
down fir alongside, 11 ins. diam., with scribe marks  
T30S R8W S16 C visible on partially healed blaze.

A fir stump, 6 ins. diam., bears S. 81° E., 44½ lks. dist.,  
with illegible scribe marks visible on partially healed  
blaze.

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
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CHAINS	
	<p>A pine snag, 23 ins. diam., bears S. 52½° W., 20½ lks. dist., with healed blaze. (Record, S. 50° W.)</p> <p>A sawed fir stump, 8 ins. diam., bears N. 76° W., 12½ lks. dist., with scribe marks CS BT visible on partially healed blaze. (Record, N. 78° W.)</p> <p>and new bearing trees</p> <p>A fir, 7 ins. diam., bears N. 61½° E., 34 lks. dist., mkd. T30S R8W S16 BT.</p> <p>A fir, 4 ins. diam., bears S. 78° E., 44 lks. dist., mkd. X at breast height and BT at the base.</p> <p>A cedar, 5 ins. diam., bears N. 21° W., 55 lks. dist., mkd. X at breast height and BT at the base.</p> <p>No suitable trees available in sec. 20.</p> <p>The corner is located 55 lks. N. of a gravel road, 30 lks. wide, bearing N. 85° E. and S. 85° W.</p> <p>N. 0° 30' 00" E., bet. secs. 16 and 17.</p> <p>Ascend over broken S. slope, through heavy timber and dense undergrowth.</p>
35.10	<p>Dirt road, 20 lks. wide, on top of ridge, bears N. 75° E. and S. 75° W.; desc. over broken NW. slope, through scattering timber and dense undergrowth.</p>
39.690	<p>Point for the ¼ sec. cor. of secs. 16 and 17, at proportionate distance; there is no remaining evidence of the original corner.</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;">T30S    R8W           ¼ S 17 * S 16           1989</p> <p>from which</p> <p>A fir, 4 ins. diam., bears S. 73° E., 15 lks. dist., mkd. ¼ S16 BT.</p> <p>A pine, 5 ins. diam., bears N. 62° W., 21½ lks. dist., mkd. ¼ S17 BT.</p> <p>Deposit white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>Continue descent over broken NW. slope.</p>
57.30	<p>Bottom of descent, slopes W.; asc. over SW. slope.</p>
69.10	<p>Spur, slopes NW.; desc. over NE. slope.</p>
72.70	<p>Abandoned dirt road, 15 lks. wide, bears N. 55° W. and S. 55° E.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 30 S., R. 8 W., Willamette Meridian, Oregon**

**CHAINS**  
79.380

The cor. of secs. 8, 9, 16, and 17, perpetuated by Vernon "Ray" Tracy, Deputy County Surveyor, in 1965, and recorded in Douglas County Surveyor's Office corner renewal file T. 30 S., R. 8 W., No. 51, monumented with an iron post, 1½ ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd.

COUNTY SURVEYORS OFFICE  
T30S  
S 8 \* S 9  
-----  
S 17 \* S 16  
R8W  
1965

from which the remains of the original bearing trees remarked by Tracy

A rotted fir stump, size indeterminate, bears N. 55° E., 58 lks. dist., with scribe marks T30S R8W S9 CS BT visible on open blaze. (Record, N. 65° E., 56 lks.)

A cedar snag, 16 ins. diam., bears S. 49½° E., 27 lks. dist., with scribe marks T30S R8W S16 visible on open blaze. (Record, S. 46° E.)

A root hole, bears S. 15° W., 27 lks. dist., with a down fir alongside, 24 ins. diam., with illegible scribe marks visible on partially healed blaze.

A fir stump, 40 ins. diam., bears N. 55° W., 49 lks. dist., with scribe marks 8 S visible on rotted blaze.

and a bearing tree mkd. by Tracy

A fir, 18 ins. diam., bears S. 25° E., 52 lks. dist., with healed blaze.

and new bearing trees

A fir, 12 ins. diam., bears N. 35° E., 22 lks. dist., mkd. T30S R8W S9 BT.

A fir, 4 ins. diam., bears S. 67° W., 100 lks. dist., mkd. X at breast height and BT and the base.

No suitable trees available in sec. 8.

From this point, the Bureau of Land Management Geodetic Control Station EC41007, at latitude 42° 58' 03.492" N., longitude 123° 39' 36.870" W. (NAD 1927), determined by the NAVSTAR Global Positioning System, bears S. 45° 31' 07" E., 5.053 chs. dist., monumented with an aluminum cap, firmly set flush in concrete, with top mkd. EC41007 GPS 1989.

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From the cor. of secs. 4, 5, 8, and 9, perpetuated by Vernon "Ray" Tracy, Deputy County Surveyor, in 1964, and recorded in Douglas County Surveyor's Office Corner Renewal File T. 30 S., R. 8 W., No. 48, monumented with an iron post, 1½ ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 30 S., R. 8 W., Willamette Meridian, Oregon**

**CHAINS**

## COUNTY SURVEYORS OFFICE

T30S

S5 \* S4

-----  
S8 \* S9

R8W

1964

from which the remaining original bearing tree

A cedar, 45 ins. diam., bears N. 20° E., 30 lks. dist.,  
with healed blaze.

and bearing trees mkd. by Tracy

A fir, 15 ins. diam., bears N. 43° E., 27½ lks. dist.,  
with healed blaze.

A fir, 21 ins. diam., bears S. 43¼° E., 7½ lks. dist.,  
with healed blaze.

A fir, 15 ins. diam., bears S. 52¼° W., 12 lks. dist.,  
with healed blaze.

A fir, 11 ins. diam., bears N. 6¼° W., 24 lks. dist.,  
with healed blaze.

The corner is located 1.15 chs. N. of dirt road, 20 lks. wide,  
bears N. 50° E. and S. 80° W.

From this point, the Bureau of Land Management Geodetic Control  
Station No. EC41007, at latitude 42° 58' 03.492" N., longitude  
123° 39' 36.870" W. (NAD 1927), determined by the NAVSTAR Global  
Positioning System, bears S. 2° 00' 28" E., 82.497 chs. dist.,  
hereinbefore described.

N. 1° 02' 30" E., bet. secs. 4 and 5.

Ascend over NW. slope, through heavy timber and dense undergrowth.

3.10 Spur, slopes S. 75° W.; desc. over NW. slope.

7.80 Creek, 2 lks. wide, course S. 60° W.; asc over broken SE. slope.

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

28.20 Asphalt road, 20 lks. wide, bears N. 65° W. and S. 65° E.

39.300 Point for the ¼ sec. cor. of secs. 4 and 5, at proportionate  
distance; there is no remaining evidence of the original corner.

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins.  
in the ground, with brass cap mkd.

T30S R8W

¼

S 5 \* S 4

1990

from which

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
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**CHAINS**

A hemlock, 18 ins. diam., bears S.  $59\frac{1}{4}^{\circ}$  E.,  $31\frac{1}{2}$  lks. dist., mkd.  $\frac{1}{4}$  S4 BT.

A grand fir, 17 ins. diam., bears S.  $77\frac{1}{2}^{\circ}$  W.,  $27\frac{1}{2}$  lks. dist., mkd.  $\frac{1}{4}$  S5 BT.

Descend over NE. slope.

58.20 Creek, 2 lks. wide, course W.; asc. over SW. slope.

79.045 The cor. of secs. 4, 5, 32, and 33, on the N. bdy. of the Tp.

**GENERAL DESCRIPTION**

The lands included in the foregoing resurvey are located in hilly country approximately four miles south of Camas Valley, Oregon. The elevation ranges from approximately 1450 feet above sea level near the corner of sections 5 and 6 only, to about 2400 feet above sea level near the  $\frac{1}{4}$  section corner of sections 16 and 17.

The area is drained by Day Creek, Boulder Creek, and Bridge Creek, with numerous other small and seasonal drainages. The soil is composed of a rocky clay in the higher elevations and a clay loam in the creek bottoms. The timber consists of fir, hemlock, cedar, pine, maple, chinquapin, oak, myrtle, alder, yew, and madrone; with undergrowth of salal, Oregon grape, fern, poison oak, rhododendron, blackberry, salmonberry, huckleberry, manzanita, arrowwood, vine maple, and young timber.

Access is gained via State Highway No. 42 and County Road No. 131S, with other paved, graveled, and dirt roads branching from them into the area.

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

The average of a number of readings over the area gives a value of  $19^{\circ}$  East for the mean magnetic declination, with a range of  $1^{\circ}$  due to local attraction.