

CHAINS

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

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE EAST AND NORTH BOUNDARIES,  
**TOWNSHIP 22 SOUTH, RANGE 12 WEST,**  
OF THE WILLAMETTE MERIDIAN,  
IN THE STATE OF OREGON.

EXECUTED BY

***Deborah M. Stephens, Cadastral Surveyor***

***Harvey E. Wofford, Cadastral Surveyor***

Under Special Instructions dated January 8, 1990,  
and approved January 9, 1990, Supplemental Special  
Instructions dated April 11, 1991, approved April 11, 1991,  
which provided for the surveys included under Group No. 1521,  
and Assignment Instructions dated March 15, 1990, and April 24, 1991.

***Survey commenced April 9, 1990***

***Survey completed April 3, 1995***

## T. 22 S., R. 12 W., Willamette Meridian, Oregon

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The following field notes are those of the dependent resurvey of a portion of the east and north boundaries, township 22 south, range 12 west, Willamette Meridian, Oregon.

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

The east and north boundaries and portions of the subdivisional lines were surveyed by Harvey Gordon, U.S. Deputy Surveyor, in 1857.

A portion of the east boundary was surveyed by Williams R. Whipple, U.S. Deputy Surveyor, in 1894.

The following plats and Government Corner Renewal Report(s), filed in Douglas County Surveyor's Office records, are referred to in subsequent corner descriptions by the surveyor's last name and the survey or corner renewal date:

<u>Date</u>	<u>Surveyor and Registration Number</u>	<u>Plat File Number</u>
1962	Warren D. Hootman, No. 399	M1-31
1971	James W. Byron, No. 303	M42-27
1977	Thomas J. Hoesly, No. 1030	M68-17
1981	Richard J. Hintz, No. 497	M86-60 and M88-14

<u>Date</u>	<u>Surveyor and Registration Number</u>	<u>Government Corner Renewal Number</u>
1971	James W. Byron, No. 303	T. 22 S., R. 11 W.: 104, 106, 107; T. 21 S., R. 12 W.: 29, 31; T. 22 S., R. 12 W.: 80, 83
1990	Douglas County Surveyor's Office	T. 22 S., R. 11 W.: 163; T. 22 S., R. 12 W.: 234
1993	Douglas County Surveyor's Office	T. 22 S., R. 12 W.: 253

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, Special Instructions dated January 8, 1990, Supplemental Special Instructions dated April 11, 1991, and Amendment to Supplemental Special Instructions Diagram dated June 28, 1991, for Group No. 1521, 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. Lost corners were reestablished and remonumented 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 sustained angulation.

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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 1983 (91)] of the ¼ section corner of section 1 only on the east boundary of the township, as calculated from the survey data shown on the plat of survey for township 21 south, range 11 west, executed concurrently under this same group, is as follows:

Latitude: 43° 41' 25.79" N. Longitude: 124° 03' 50.99" W.

The mean magnetic declination is 19° East.

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**Dependent Resurvey of a Portion of the East Boundary,  
T. 22 S., R. 12 W., Willamette Meridian, Oregon**

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(Restoring the survey by Harvey Gordon in 1857 and  
the resurvey by Williams R. Whipple in 1894)

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Beginning at the ¼ sec. cor. of sec. 12 only on the E. bdy. of the Tp., perpetuated by person(s) unknown, accepted by Hootman in 1962 and Byron in 1971; monumented with an iron rod, 1 in. diam., loosely set, projecting 4 ins. above ground, from which the remains of an original bearing tree:

A fir stump, 30 ins. diam., bears S. 20½° E., 73 lks. dist., with a healed blaze. (Record, S. 4° E., 71 lks.)

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T22S  
R12W \* R11W  
1/4 S 12 \*  
1991

from which a new bearing tree

An alder, 4 ins. diam., bears S. 57½° W., 22½ lks. dist., mkd. 1/4 S12 BT.

No other suitable accessories available.

Deposit the iron rod inside and a white "DEEP-1" magnetic marker at base of the stainless steel post.

N. 0° 27' 30" E., on the E. bdy. of sec. 12.

Descend over broken NE. slope, through moderate timber and dense undergrowth.



**Dependent Resurvey of a Portion of the East Boundary,  
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	<p>The corner is located in ravine, drains S.</p> <hr/> <p>N. 0° 04' 30" E., on the E. bdy. of sec. 1.</p> <p>Ascend over broken SW. slope.</p>
10.20	<p>Spur, slopes NE.; desc. over broken N. slope.</p>
10.950	<p>The 1/4 sec. cor. of sec. 6 only, T. 22 S., R. 11 W., established by Byron in 1971, and accepted by Hoesly in 1977 and Hintz in 1981, and is accepted as the corner, determined from the remains of a bearing tree mkd. by Byron:</p> <p style="padding-left: 40px;">A cedar stump, 80 ins. diam., bears S. 80° W., 96 lks. dist., with illegible scribe marks visible on open blaze.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T22S R12W * R11W * 1/4 S 6 1991</p> <p>from which a new accessory</p> <p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2 1/2 ins. diam., set 24 ins. in the ground, for a reference monument, bears N. 36° 30' 00" E., 0.355 chs. dist., with brass cap mkd. T22S R11W S6 RM 1991 and an arrow pointing to the corner.</p> <p>No other suitable accessories available.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of corner post.</p> <p>The corner is located in a ravine, drains N.</p> <hr/> <p>N. 0° 45' 30" E., beginning new measurement.</p> <p>Continue descent over broken NW. slope.</p>
8.845	<p>The S 1/16 sec. cor. of sec. 1 only, established by Hintz in 1981, and is accepted as the corner, monumented with an iron post, 2 ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">PLS 497 T22S W * W S1 12 * 11 S1/16 R * R 1981</p> <p>from which the remains of bearing trees mkd. by Hintz</p>

**Dependent Resurvey of a Portion of the East Boundary,  
T. 22 S., R. 12 W., Willamette Meridian, Oregon**

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	<p>A fir stump, 13 ins. diam., bears N. 70° E., 22½ lks. dist., with scribe marks S 1/16 BT visible on open blaze.</p> <p>A fir stump, 20 ins. diam., bears S. 35° W., 20½ lks. dist., with scribe marks S 1/16 BT visible on open blaze.</p> <p>No other suitable accessories available.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0° 27' 00" E., beginning new measurement.</p> <p>Continue descent over broken NW. slope.</p>
6.25	Creek, 3 lks. wide, course S. 85° W.; asc. over SW. slope.
8.80	Dirt road, 20 lks. wide, bears N. 80° W. and S. 80° E.
10.55	Spur, slopes S. 40° W.; desc. over NW. slope.
10.905	Point for the N 1/16 sec. cor. of sec. 6 only, T. 22 S., R. 11 W.
	<p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">* N 1/16 * S 6 1991</p>
	<p>from which</p> <p style="padding-left: 40px;">A hemlock, 7 ins. diam., bears N. 27 1/2° E., 57 lks. dist., mkd. N1/16 S6 BT.</p> <p style="padding-left: 40px;">A hemlock, 19 ins. diam., bears S. 24 3/4° E., 48½ lks. dist., mkd. N1/16 S6 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>Continue descent over NW. slope.</p>
13.35	Ravine, drains S. 40° W.; asc. over SW. slope.
16.65	Spur, slopes E.; desc. over NE. slope.
19.810	<p>The 1/4 sec. cor. of sec. 1 only, reestablished at proportionate measurement by Byron in 1971, and accepted by Hintz in 1981 and the Douglas County Surveyor's Office in 1990. There is no remaining evidence of the original corner, therefore this position is accepted as the corner, monumented with an iron post, 1¼ ins. diam., firmly set, projecting 14 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">COUNTY SURVEYOR OFFICE R            T22S        R 12 1/4 S1 *        11 W            1971        W</p>
	<p>from which the remains of bearing trees mkd. by Byron</p>

**Dependent Resurvey of a Portion of the East Boundary,  
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A hemlock stump, 20 ins. diam., bears N. 40° E., 17 lks. dist., with scribe marks 1/4 S visible on a partially healed blaze.

A hemlock snag, 7 ins. diam., bears N. 40° W., 74 lks. dist., with healed blaze.

and bearing trees mkd. by the County Surveyor's Office

An alder, 18 ins. diam., bears S. 20½° W., 68 lks. dist., with scribe marks 1/4 S1 CS BT visible in the bark.

A hemlock, 8 ins. diam., bears S. 28 1/2° W., 90 lks. dist., with scribe marks 1/4 S1 CS BT visible on an open blaze.

An alder, 10 ins. diam., bears N. 34° W., 36½ lks. dist., with scribe marks 1/4 S1 CS BT visible in the bark.

A spruce, 8 ins. diam., bears N. 5 1/2° W., 57½ lks. dist., with scribe marks 1/4 S1 CS BT visible on an open blaze.

From this point, the cor. of secs. 4, 5, 32, and 33, Tps. 21 and 22 S., R. 11 W., bears N. 85° 35' 30" E., 137.875 chs. dist. (mean bearing and sea level distance), described in the field notes of the dependent resurvey of a portion of the south boundary of T. 21 S., R. 11 W., executed concurrently under this same group.

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N. 2° 21' 00" E., beginning new measurement.

Continue descent over NE. slope.

3.290

A point established on the section line by Byron in 1971 and perpetuated by the Douglas County Surveyor's Office in 1990, now serves as an angle point on the section line; monumented with an iron post, 1½ ins. diam., firmly set in a mound of stone, 2 ft. base, projecting 4 ins. above the mound of stone, with brass cap mkd.

DOUGLAS COUNTY SURVEYOR  
T22S  
R           \*           R  
12 S1\* S6 11  
W           \*           W  
RESET  
1990

from which a bearing object mkd. by Byron

A rock face of a highway cut, bears S. 55° E., 27 lks. dist., mkd. X.

and a bearing object and reference monument mkd. by the County Surveyor's Office

A rock face of highway cut, bears S. 72° W., 15 lks. dist., mkd. X.

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	<p>A brass tablet, 2 1/2 ins. diam., firmly set flush in solid rock, bears N. 68½° W., 169 lks. dist., with top mkd. T22S RM2 R12 S1 S6 R11W 1990.</p> <hr style="width: 20%; margin: auto;"/> <p>N. 0° 22' 30" E., beginning new measurement.</p>
0.40	Oregon State Highway No. 38, asphalt surfaced, 70 lks. wide, bears N. 70° W. and S. 70° E.
2.355	<p>Point for the meander cor. of secs. 1 and 6 on the left bank of the Umpqua River, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">MC ----- S 1 * S 6 R12W * R11W T22S 1991</p> <p>No suitable accessories available.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p>
2.40	Left bank of the Umpqua River, bears N. 45° W. and S. 70° E., course N. 65° W., continue across river.
7.575	Point for the cor. of Tps. 21 and 22 S., R. 11 W., at proportionate distance, in the Umpqua River; no monument set.
36.310	Point for the cor. of Tps. 21 and 22 S., R. 12 W., at proportionate distance determined by 3 point control to the south, west, and north; located in the Umpqua River and no monument set.
<hr/> <p><b>Dependent Resurvey of a Portion of the North Boundary, T. 22 S., R. 12 W., Willamette Meridian, Oregon</b></p> <hr/> <p>(Restoring the survey by Harvey Gordon in 1857)</p> <hr/>	
	<p>From the true point for the cor. of Tps. 21 and 22 S., R. 12 W., in the Umpqua River.</p> <p>S. 89° 55' 00" W., bet. secs. 1 and 36.</p> <p>Across river.</p>
39.90	Left bank of the Umpqua River, bears N. 30° W. and S. 30° E., asc. over NE. slope.
40.000	The ¼ sec. cor. of secs. 1 and 36, identical with the meander cor. of secs. 1 and 36 on the left bank of the Umpqua River, reestablished by proportionate measurement by Byron in 1971 and

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	<p>accepted by Hintz in 1981. There is no remaining evidence of the original corner, therefore this position is accepted as the corner, determined from a bearing tree mkd. by Byron:</p> <p style="padding-left: 40px;">A hemlock, 36 ins. diam., bears S. 76° W., 124 lks. dist., with healed blaze.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T21S R12W S 36 1/4 ----- S 1 T22S 1991</p> <p>from which a new bearing tree</p> <p style="padding-left: 40px;">A spruce, 36 ins. diam., bears N. 50 1/4° W., 105½ lks. dist., mkd. 1/4 S36 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 89° 59' 30" W., beginning new measurement.</p> <p>Continue ascent over NE. slope.</p>
6.30	Oregon State Highway No. 38, asphalt-surfaced, 45 lks. wide, bears N. 75° W. and S. 75° E.
32.90	Ridge, bears N. 65° W. and S. 65° E.; desc. over SW. slope.
39.975	<p>The cor. of secs. 1, 2, 35 and 36, restored by person(s) unknown and remonumented by Byron in 1971. There is no remaining evidence of the original corner, therefore this position is accepted as the corner; monumented with an iron post, 1 in. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">COUNTY SURVEYORS OFFICE T21S R12W <u>S35 * S36</u> S2 * S1 T22S 1971</p> <p>from which the remains of bearing trees mkd. by Byron</p> <p style="padding-left: 40px;">An alder, 8 ins. diam., bears N. 87° E., 35 lks. dist., no marks visible on an open, decayed blaze.</p> <p style="padding-left: 40px;">An alder snag, 8 ins. diam., bears S. 40° E., 37½ lks. dist., no marks visible on partially healed blaze.</p>

**Dependent Resurvey of a Portion of the North Boundary,  
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An alder, 9 ins. diam., bears S.  $74\frac{1}{2}^{\circ}$  W., 19 lks. dist., with scribe marks 22S R12W S2 CS visible on partially healed blaze.

A fir, 23 ins. diam., bears N.  $35^{\circ}$  W.,  $43\frac{1}{2}$  lks. dist., with healed blaze.

and a bearing tree mkd. by person(s) unknown

A cedar, 48 ins. diam., bears S.  $66^{\circ}$  E., 72 lks. dist., no marks visible on opened blaze.

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GENERAL DESCRIPTION

The land included in this survey is located approximately two miles east of Reedsport, Oregon, in Douglas County.

The elevations range from about 400 feet above sea level in the northwest one-quarter of section 1, to sea level on the east boundary of section 1.

Access is by way of State Highway 38 and Scholfield Road. The area is drained by the Umpqua River, Oar Creek, and Scholfield Creek. The soil is very rocky in the higher elevation and clay loam in the lower elevations.

Timber consists of alder, cedar, fir, hemlock, maple, myrtle, madrone, and spruce; with undergrowth consisting of blackberry, fern, huckleberry, poison oak, rhododendron, salmonberry, salal, and vine maple.

No evidence of mineral deposits was noted in the area covered by this survey.

The mean magnetic declination is  $19^{\circ}$  East, as shown on the United States Geological Survey,  $7\frac{1}{2}$  minute series, quadrangle map "REEDSPORT, OREG.," Provisional Edition, dated 1985.

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