

**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 35,

**TOWNSHIP 25 SOUTH, RANGE 1 WEST,**

OF THE WILLAMETTE MERIDIAN,

IN THE STATE OF OREGON.

**EXECUTED BY**

**Bryan S. Seibold, Cadastral Surveyor**

Under Special Instructions dated March 7, 1997, approved March 7, 1997,

which provided for the surveys included under Group No. 1828,

and assignment instructions dated June 17, 1997.

**Survey commenced June 18, 1997**

**Survey completed July 14, 1997**

**T. 25 S., R. 1 W., Willamette Meridian, Oregon**

## CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines and subdivision of section 35, township 25 south, range 1 west, Willamette Meridian, Oregon

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

In 1900, Hezekiah H. Johnson, U.S. Deputy Surveyor, resurveyed the west boundary and surveyed the south boundary and subdivisional lines.

In 1910, Fred Mensch, U.S. Deputy Surveyor, retraced the north boundary and surveyed the subdivisional lines of T. 26 S., R. 1 W.

In 1978-80, James E. Jelley, Cadastral Surveyor, resurveyed a portion of the north and west boundaries and subdivisional lines, subdivided sections 4 and 19, and remonumented certain original corner points without survey.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated March 7, 1997, for Group No. 1828, 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. Measured distances and directions have been adjusted by Cadastral Measurement Management (CMM), computer software that incorporates a least squares adjustment routine. The adjusted bearings and distances are reported to the nearest second and 0.001 chain. The Standard Error of Unit Weight (SEUW) for a least squares adjustment of the survey data was checked to assure a value between 0.7 and 2.5. In addition, a post-adjustment comparison of the final adjusted measurements to the original unadjusted measurements was also checked to assure a ratio not exceeding 1:4000. This comparison was done in the CHECKER routine of CMM, and is reported as the Precision After Orientation Correction.

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. 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.

**T. 25 S., R. 1 W., Willamette Meridian, Oregon**

CHAINS

The geographic position (NAD 1983 (91)) of the 1/4 section corner of section 35 only, on the south boundary of the township, as determined by a tie to geodetic control station No. EC41263, established by the Bureau of Land Management, in 1998, is as follows:

Latitude: 43° 20' 59.55" N.      Longitude: 122° 46' 14.31" W.

The mean magnetic declination is 18° East.

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**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 25 S., R. 1 W., Willamette Meridian, Oregon**

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(Restoring the survey by Hezekiah H. Johnson in 1900

Beginning at the 1/4 sec. cor. of secs. 35 and 36, perpetuated by Vernon Ray Tracy, Deputy County Surveyor, in 1966, recorded in the Douglas County Surveyors Office, corner renewal file, T. 25 S., R. 1 W., No. 74, monumented with an iron post, 1½ ins. diam., firmly set, projecting 8 ins. above a mound of stone, 3 ft. base, 2 ft. high, with brass cap mkd.

COUNTY SURVEYOR OFFICE

T 25 S

1/4

S 35 S 36

R 1 W

1966

from which the remains of the original bearing trees

A sawed fir stump, 46 ins. diam., bears N. 88½° E., 55 lks. dist., with healed blaze. (Record, S. 88° E., 52 lks.)

A partially decayed fir snag, 22 ins. diam., bears West, 51 lks. dist., with healed blaze. (Record, N. 88° W., 49 lks.)

and bearing trees mkd. by Tracy

A fir, 12 ins. diam., bears S. 86° E., 37½ lks. dist., with healed double blazes.

A fir, 11 ins. diam., bears S. 65° W., 27½ lks. dist., with healed double blazes.

N. 0° 37' 11" W., bet. secs. 35 and 36.

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 25 S., R. 1 W., Willamette Meridian, Oregon**

CHAINS	Ascend over S. slope, through moderate timber and undergrowth.
6.85	Spur, slopes S. 70° E., desc. over steep broken NE. slope, on the east edge of a clear-cut.
20.012	<p>The N 1/16 sec. cor. of secs. 35 and 36, established by Romanso E. Ware, Registered Professional Land Surveyor No. 1005, in 1978, recorded in the Douglas County Surveyors Office, map file M73-69, and is accepted as the cor.; monumented with an iron post, 2½ ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T 25 S    R 1 W N 1/16 S 35 S 36 RLS 1005 1978</p> <p>from which the remains of bearing trees mkd. by Ware</p> <p style="padding-left: 40px;">A root hole, bears N. 79° E., 27 lks. dist., with uprooted hemlock trunk, 9 ins. diam., alongside, with scribe marks N1/16 S36 BT visible on partially healed double blazes.</p> <p style="padding-left: 40px;">A sawed hemlock stump, 13 ins. diam., bears S. 64½° W., 48½ lks. dist., with scribe marks N1/16 S35 BT visible on partially healed double blazes.</p> <p>and a bearing tree believed to be mkd. but not recorded by Gerald V. Nygren, Registered Professional Land Surveyor No. 1035, in 1988</p> <p style="padding-left: 40px;">A hemlock, 9 ins. diam., bears S. 6½° W., 26½ lks. dist., with fragmentary scribe mks. visible on partially healed double blazes. (A tag was found on the tree posted by GVN, RS1035 dated 1988)</p> <p>and a new bearing tree</p> <p style="padding-left: 40px;">A hemlock, 10 ins. diam., bears S. 54° E., 4 lks. dist., mkd. N1/16 S36 BT.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0° 36' 54" W., beginning new measurement.</p> <p>Descend over broken NE. slope.</p>
11.00	Graveled road, 30 lks. wide, bears N. 20° W. and S. 20° E.

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 25 S., R. 1 W., Willamette Meridian, Oregon**

<p style="text-align: center;">CHAINS</p> <p>19.996</p>	<p>The cor. of secs. 25, 26, 35 and 36, monumented with the original cor. tree, a hemlock, 13 ins. diam., with healed blaze on the N. side, from which the remains of the original bearing trees:</p> <p style="padding-left: 40px;">A hemlock, 20 ins. diam., bears N. 89° E., 3 lks. dist., with scribe marks R1W visible on opened blaze.</p> <p style="padding-left: 40px;">A decayed hemlock stump, size indeterminate, bears S. 51° E., 22 lks. dist., no marks visible.</p> <p>and the remains of accessories mkd. by Vernon Ray Tracy, Deputy County Surveyor, in 1966, recorded in the Douglas County Surveyors Office, corner renewal file, T. 25 S., R. 1 W., No. 75</p> <p style="padding-left: 40px;">A fir, 18 ins. diam., bears S. 41° E., 74 lks. dist., with healed double blazes.</p> <p style="padding-left: 40px;">An iron rod, 5/8 in. diam., firmly set, projecting 3 ins. above ground, partially grown into the cor. tree, bears N. 4½° W., 1 lk. dist.</p> <p>and a bearing tree mkd. by Gary L. Langlitz, Deputy County Surveyor, in 1974, recorded in the Douglas County Surveyors Office, corner renewal file, T. 25 S., R. 1 W., No. 125</p> <p style="padding-left: 40px;">A hemlock, 14 ins. diam., bears N. 51° E., 63 lks. dist., with fragmentary scribe mks. visible on partially healed blaze.</p> <p>and accessories mkd. by Jelley</p> <p style="padding-left: 40px;">A iron post, 2½ ins. diam., firmly set, projecting 2 ins. above ground, bears S. 66¾° W., 27 lks. dist., with brass cap mkd. RM T25S R1W S35 1978 and an arrow pointing to the cor. (Record, S. 68° W.)</p> <p style="padding-left: 40px;">A hemlock, 11 ins. diam., bears N. 25½° W., 25 lks. dist., with healed blaze.</p> <p>and new accessories</p> <p style="padding-left: 40px;">A fir, 6 ins. diam., bears S. 77¾° W., 87 lks. dist., mkd. T25S R1W S35 BT.</p> <p style="padding-left: 40px;">A stainless steel post, 28 ins. long, 2½ ins. diam., set 26 ins. in the ground for a reference monument, bears N. 82¾° W., 9.1 lks. dist., with brass cap mkd. RM S26 6.0 FT TO COR 1997 and an arrow pointing to the cor.</p> <hr style="width: 100%; margin-top: 20px;"/>
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**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 25 S., R. 1 W., Willamette Meridian, Oregon**

CHAINS	
	S. 89° 56' 44" W., bet. secs. 26 and 35.
	Descend over N. slope, changing to asc. over E. slope, through young timber and undergrowth.
25.00	Graveled road, 30 lks. wide, bears N. 20° E. and S. 20° W.
39.634	Point for the 1/4 sec. cor. of secs. 26 and 35, at proportionate dist., there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.
	T 25 S    R 1 W S 26 1/4 S 35 1997
	from which
	A hemlock, 8 ins. diam., bears N. 31° E., 34½ lks. dist., mkd. 1/4 S26 BT.
	A fir, 26 ins. diam., bears S. 51° E., 57 lks. dist., mkd. 1/4 S35 BT.
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Ascend over NE. slope.
47.90	Enter rock pit also top of ridge, bears N. 45° W. and S. 45° E., desc. over SW. slope.
59.20	Dirt road, 25 lks. wide, bears N. 10° W. and S. 10° E.
76.50	Ravine, drains S. 10° W., asc. over SE. slope.
79.268	The cor. of secs. 26, 27, 34 and 35, determined at record dist. from the remains of the original bearing trees.
	A root hole, bears S. 81¼° E., 12 lks. dist., with uprooted partially decayed maple trunk, 8 ins. diam., alongside, with fragmentary back scribing visible on partially decayed opened blaze. (Record, N. 89½° E.)
	A fir, 43 ins. diam., bears S. 23° E., 66 lks. dist., with healed blaze.

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 25 S., R. 1 W., Willamette Meridian, Oregon**

CHAINS

At the corner point

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.

T 25 S    R 1 W  
S 27 S 26

S 34 S 35  
1997

from which new bearing trees

A fir, 7 ins. diam., bears N. 45° E., 58 lks. dist., mkd.  
T25S R1W S26 BT.

A fir, 43 ins. diam., bears S. 18° W., 36½ lks. dist., mkd.  
T25S R1W S34 BT.

A fir, 11 ins. diam., bears N. 79¾° W., 48 lks. dist., mkd.  
T25S R1W S27 BT.

Deposit a magnet in a white plastic case at the base of the stainless steel post.

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**Subdivision of Section 35,  
T. 25 S., R. 1 W., Willamette Meridian, Oregon**

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From the 1/4 sec. cor. of sec. 35 only, on the S. bdy. of the Tp., perpetuated by Dennis Gaylord, Deputy County Surveyor, in 1977, recorded in the Douglas County Surveyors Office, corner renewal file, T. 25 S., R. 1 W., No. 133, monumented with an iron post, 1½ ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd.

COUNTY SURVEYORS OFFICE

T 25 S    R 1 W  
S 35

1/4

ONLY  
1977

from which the remains of an original bearing tree, defaced by Mensch and recorded by Gaylord

A sawed fir stump, 43 ins. diam., bears S. 6½° E., 34½ lks. dist., with healed blaze. (Record, 27 lks.)

**Subdivision of Section 35,  
T. 25 S., R. 1 W., Willamette Meridian, Oregon**

CHAINS	<p>and the remains of an original bearing tree</p> <p style="padding-left: 40px;">A root hole, bears N. 70° W., 22 lks. dist., with uprooted fir, 37 ins. diam., alongside, no marks visible.</p> <p>and a bearing tree mkd. by Mensch</p> <p style="padding-left: 40px;">A fir, 40 ins. diam., bears N. 29½° E., 105 lks. dist., with healed blaze. (Record, N. 35° E., 146 lks.)</p> <p>and a new bearing tree</p> <p style="padding-left: 40px;">A fir, 26 ins. diam., bears N. 66¼° W., 40½ lks. dist., mkd. 1/4 S35 BT.</p> <p>The cor. is located at the base of the root-wad from the original NW bearing tree.</p> <p>From this point, the Bureau of Land Management, Geodetic Control Station No. EC41263, at latitude 43° 21' 09.370" N., longitude 122° 46' 13.840" W., (NAD 1983 (91)), determined by the NAVSTAR Global Positioning System, bears N. 2° 00' 19" E., 15.071 chs. dist. (mean bearing and sea level distance), monumented with an aluminum cap, firmly set flush with the ground, with top mkd. EC41263 GPS 1998.</p> <p>N. 0° 57' 17" W., on the N. and S. center line of sec. 35.</p> <p>Ascend over broken S. slope, through moderate timber and undergrowth.</p> <p>12.10 Graveled road, 20 lks. wide, bears N. 25° E. and S. 40° W.</p> <p>27.25 Graveled road, 25 lks. wide, bears N. 35° E. and S. 45° W.</p> <p>39.663 Point for the center 1/4 sec. cor. of sec. 35, at intersection with the E. and W. center line.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T 25 S    R 1 W           C 1/4           S 35           1997</p> <p>from which</p>
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**Subdivision of Section 35,  
T. 25 S., R. 1 W., Willamette Meridian, Oregon**

CHAINS	
	<p>A fir, 37 ins. diam., bears S. <math>54\frac{3}{4}^{\circ}</math> E., 28 lks. dist., mkd. C1/4 S35 BT.</p> <p>A fir, 21 ins. diam., bears S. <math>37^{\circ}</math> W., <math>40\frac{1}{2}</math> lks. dist., mkd. C1/4 S35 BT.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Ascend over SW. slope.</p>
59.628	<p>Point for the center N 1/16 sec. cor. of sec. 35.</p> <p>Set a stainless steel post, 28 ins. long, <math>2\frac{1}{2}</math> ins. diam., 18 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p> <p style="text-align: center;">C N 1/16 S 35 C 1997</p> <p>from which</p> <p>A fir, 19 ins. diam., bears N. <math>25\frac{1}{2}^{\circ}</math> E., 45 lks. dist., mkd. CN1/16 S35 BT.</p> <p>A fir, 18 ins. diam., bears S. <math>68^{\circ}</math> E., 69 lks. dist., mkd. X BT.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Ascend over SW. slope.</p>
62.85	Ridge, bears N. $30^{\circ}$ W. and S. $30^{\circ}$ E., desc. over NE. slope.
79.593	The 1/4 sec. cor. of secs. 26 and 35.
	<hr/> <p>From the 1/4 sec. cor. of secs. 35 and 36.</p> <p>N. <math>89^{\circ} 56' 12''</math> W., on the E. and W. center line of sec. 35.</p> <p>Ascend over SE. slope, through moderate timber and undergrowth.</p>
6.05	Graveled road, 20 lks. wide, bears N. $20^{\circ}$ W. and S. $20^{\circ}$ E. and top of spur, slopes S. $20^{\circ}$ E., desc. over broken S. slope.

**Subdivision of Section 35,  
T. 25 S., R. 1 W., Willamette Meridian, Oregon**

CHAINS	
24.95	Begin asc. over broken S. slope.
39.405	The center 1/4 sec. cor. of sec. 35.  Ascend over broken S. slope.
42.75	Spur, slopes S., desc. over broken SW. slope.
43.70	Graveled road, 30 lks. wide, bears N. 25° W. and S. 10° E.
80.008	The 1/4 sec. cor. of secs. 34 and 35, determined at record bearing and distance from the remains of an original bearing tree (The cor. is located in the root hole of the original cor. tree, an uprooted fir, 14 ins. diam. alongside, no marks visible.):  <div style="margin-left: 40px;">A sawed fir stump, 9 ins. diam., bears N. 18° W., 7 lks. dist., with scribe marks 1/4 S BT visible on opened double blazes. (The S is backwards)</div> At the corner point  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.  <div style="text-align: center;">T 25 S    R 1 W           1/4           S 34 S 35           1997</div> from which new bearing trees  <div style="margin-left: 40px;">A fir, 27 ins. diam., bears N. 36¼° E., 17½ lks. dist., mkd. 1/4 S35 BT.</div> <div style="margin-left: 40px;">A fir, 11 ins. diam., bears N. 57¼° W., 67 lks. dist., mkd. 1/4 S34 BT.</div> Deposit a magnet in a white plastic case at the base of the stainless steel post.  <hr/> From the N 1/16 sec. cor. of secs. 35 and 36.  S. 89° 59' 32" W., on the E. and W. center line of the NE¼ of sec. 35.  Ascend over NE. slope, on the N. edge of a clear-cut.

**Subdivision of Section 35,  
T. 25 S., R. 1 W., Willamette Meridian, Oregon**

<p>CHAINS</p> <p>18.00</p> <p>37.60</p> <p>39.519</p>	<p>Spur, slopes N. 35° E., asc. over broken N. slope, through moderate timber and undergrowth.</p> <p>Ridge, bears N. 35° W. and S. 35° E., desc. over W. slope.</p> <p>The center N 1/16 sec. cor. of sec. 35.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The lands included in the foregoing resurvey are located in steep hilly country approximately 17 miles northeasterly of Glide, Oregon. The elevation ranges from approximately 2000 feet above sea level near the west boundary to about 3320 feet above sea level on the ridge tops in the NE¼ of section 35.</p> <p>The area is drained by numerous small and seasonal drainages throughout. The timber consists of fir, pine, cedar, hemlock, alder, maple, oak, yew and madrone. The undergrowth is mainly salal, Oregon grape, manzanita, arrowwood, poison oak, vine maple, ferns and young timber.</p> <p>Access is gained via State Highway 138 and Steamboat Creek Road (County Road No. 249), with other graveled and dirt roads branching from them into the area.</p> <p>No mineral deposits were noted along the lines resurveyed. The lands are used primarily for timber.</p> <p>The mean magnetic declination, as obtained from U.S. Geological Survey quadrangle map "MACE MOUNTAIN, OREGON, PROVISIONAL EDITION 1989", is 18° East.</p> <hr style="border-top: 1px dashed black;"/>
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