

T. 23 S., R. 9 W., Willamette Meridian, Oregon

F E E T

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

FIELD NOTES  
OF THE  
DEPENDANT RESURVEY  
OF A PORTION OF THE SUBDIVISIONAL LINES  
AND  
THE SUBDIVISION OF SECTION 18,  
TOWNSHIP 23 SOUTH, RANGE 9 WEST,  
OF THE WILLAMETTE MERIDIAN,  
IN THE STATE OF OREGON.

**EXECUTED BY**

***Edith M. Forkner, Cadastral Surveyor***

Under Special Instructions dated February 26, 2004,  
approved February 27, 2004,  
which provided for the surveys included under Group No. 2074,  
and Assignment Instructions dated April 27, 2004

***Survey commenced April 29, 2004***

***Survey completed June 15, 2004***

## T. 23 S., R. 9 W., Willamette Meridian, Oregon

FEET	
	<p>The following field notes are those of the dependent resurvey of a portion of the subdivisional lines and the subdivision of section 18, township 23 south, range 9 west, Willamette Meridian, Oregon.</p> <p>The history of surveys pertaining to this survey is as follows:</p> <p>In 1879, William H. Byars, U.S. Deputy Surveyor, surveyed the west boundary of the township and a portion of the subdivisional lines.</p> <p>In 1898-99, Oscar F. Theil, U.S. Deputy Surveyor, resurveyed a portion the west boundary of the township and surveyed a portion of the subdivisional lines.</p> <p>In 1967, Donald R. Beck, Cadastral Surveyor, resurveyed a portion the west boundary.</p> <p>In 1969-70, James E. Jelley and Rolla R. Steward, Cadastral Surveyors, resurveyed a portion of the subdivisional lines.</p> <p>In 1988, Harvey E. Wofford, Cadastral Surveyor, subdivided section 13 in T. 23 S., R. 10 W.</p> <p>In 1995, John A. Farmer, Cadastral Surveyor, resurveyed a portion of the west boundary and subdivided section 19.</p> <p>The survey was executed in accordance with the specifications set forth in the <u>Manual of Surveying Instructions, 1973</u>, and the Special Instructions dated February 26, 2004, for Group No. 2074, Oregon.</p> <p>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.</p> <p>An analysis of the unadjusted field data assured a closure not exceeding 1:4000 in error. 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 0.01 foot.</p> <p>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</p>

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FEET	<p>their original positions. The retracement data were thoroughly verified and only the true line field notes are given herein.</p> <p>Each new bearing tree has a 2½ inch x ¼ inch magnetic nail (Mag Nail) driven at the base on right side center, unless otherwise noted in the corner description.</p> <p>The geographic position (NAD 1983 (91)) of the 1/4 corner between sections 18 and 19, as determined from a tie to Douglas County GPS station "BUSTER", is as follows:</p> <p>Latitude: 43° 33' 31.88" N.      Longitude: 123° 48' 26.67" W.</p> <hr/> <p style="text-align: center;"><b>Dependent Resurvey of a Portion of the Subdivisional Lines, T. 23 S., R. 9 W., Willamette Meridian, Oregon</b></p> <hr/> <p style="text-align: center;">(Restoring the survey by William H. Byars in 1879 and the resurvey by James E. Jelley and Rolla R. Steward in 1969-70)</p> <hr/> <p>Beginning at the E 1/16 sec. cor. of secs. 18 and 19, monumented with an iron post, 2½ ins. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd.</p> <div style="text-align: center;"> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 0 10px;">E 1/16</td> <td style="text-align: center; padding: 0 5px;">S 18</td> <td style="border-top: 1px solid black; width: 20px;"></td> </tr> <tr> <td></td> <td style="text-align: center;">S 19</td> <td></td> </tr> <tr> <td></td> <td style="text-align: center;">1969</td> <td></td> </tr> </table> </div> <p>from which a bearing tree mkd. by Jelley and Steward</p> <p style="padding-left: 40px;">A fir, 17 ins. diam., bears N. 38¾° E., 27.1 ft. dist., with a healed blaze.</p> <p>and a new bearing tree</p> <p style="padding-left: 40px;">A fir, 14 ins. diam., bears S. 2° W., 23.9 ft. dist., mkd. E1/16 S19 BT.</p> <p>Corner falls 15 ft. N. of dirt road, 6 ft. wide, bears E. and W. N. 89° 18' 29" W., bet. secs. 18 and 19, marking and blazing the true line.</p> <p>Ascend over SE. slope through medium timber and light undergrowth.</p>	E 1/16	S 18			S 19			1969	
E 1/16	S 18									
	S 19									
	1969									

## T. 23 S., R. 9 W., Willamette Meridian, Oregon

FEET	
235	Spur, slopes S., desc. over steep SW. slope.
540	Creek, 3 ft. wide, course S. 20° E., asc. over steep E. slope; also NE. cor. logged area, edge bears S. 20° E. and W.; along N. edge logged area.
850	Spur, slopes S. 25° E., desc. over SW. slope.
1334.54	The ¼ sec. cor. of secs. 18 and 19, monumented with an iron post, 2½ ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.
	<p style="text-align: center;">T 23 S R 9 W  S 18  1/4 ———  S 19  1969</p>
	from which the remains of the original bearing trees
	<p style="padding-left: 40px;">A decayed fir stump, 40 ins. diam., bears N. 20° E., 27.7 ft. dist., with axe marks visible.</p>
	<p style="padding-left: 40px;">A decayed fir stump, 36 ins. diam., bears S. 64° E., 16.5 ft. dist., with no scribe marks visible on decayed open blaze.</p>
	and the remains of bearing trees mkd. by Jelley and Steward
	<p style="padding-left: 40px;">A fir stump, 15 ins. diam., bears S. 17° E., 18.5 ft. dist., with a healed blaze.</p>
	<p style="padding-left: 40px;">A fir, 18 ins. diam., bears N. 9½° W., 17.2 ft. dist., with a healed blaze.</p>
	and a new bearing tree
	<p style="padding-left: 40px;">A fir, 20 ins. diam., bears N. 60¼° E., 10.6 ft. dist., mkd. X BT.</p>
	Corner is at the SW. cor. of timber, edge bears N. and E.; logged area to S. and W.; no suitable trees in sec. 19.
	<p>From this point, the GPS control station "BUSTER", established by Douglas County, in 1996, at latitude 43° 39' 37.48873" N. and longitude 123° 43' 31.95667" W. (NAD 83 (91)), bears N. 30° 21' 30" E., 42,902.21 ft. dist. (mean bearing and sea level distance), monumented with an aluminum cap, with top flush with the surface of the ground, mkd. BUSTER 1996, in a collar of concrete.</p>

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FEET	
	<hr/> <b>Subdivision of Section 18,</b> <b>T. 23 S., R. 9 W., Willamette Meridian, Oregon</b> <hr/>
	From the ¼ sec. cor. of secs. 18 and 19.
	N. 0° 27' 48" W., on the N. and S. center line of sec. 18.
	Ascend over SW. slope through medium timber and light undergrowth, along the E. edge logged area.
1210	Spur, slopes W., desc. over steep NW. slope.
1306.25	Point for the center S 1/16 sec. cor. of sec. 18. No permanent monument established.
	Descend over steep NW. slope.
1380	Top spur, slopes N. 40° W., desc. over steep NW. slope.
2060	Creek, 2 ft. wide, course N. 60° W., asc. over steep SW. slope.
2255	Spur, slopes W., desc. over steep NW. slope.
2520	Creek, 3 ft. wide, course S. 50° W., asc. over steep SE. slope.
2612.50	The center ¼ sec. cor. of sec. 18, established by Robert W. Ward, Registered Land Surveyor No. 1091, in 1981, and recorded in the Douglas County Surveyor's Office, Map No. M89-63, and is accepted as the corner, monumented with an iron pipe, 2 ins. diam., firmly set, projecting 9 ins. above ground, with brass cap mkd.
	T 23 S R 9 W S 18 C 1/4 1981 PLS 1091
	from which the remains of the bearing trees mkd. by Ward
	A fir, 16 ins. diam., bears N. 1½° E., 6.7 ft. dist., with a healed double blaze.
	A fir snag, 17 ins. diam., bears S. 53¼° W., 11.4 ft. dist., with a healed double blaze.
	and a new bearing tree

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FEET	
	A fir, 23 ins. diam., bears S. $76\frac{3}{4}^{\circ}$ E., 15.2 ft. dist., mkd. C1/4 S18 BT.
	Corner is on the NE. cor. of logged area, edge bears S. and W.; a steel fence post is alongside.
	<hr/>
	N. $0^{\circ} 26' 04''$ W., beginning new measurement.
	Ascend over steep SE. slope through medium timber and light undergrowth.
640	Ridge, bears N. $65^{\circ}$ E. and S. $65^{\circ}$ W., desc. over steep NW. slope.
955	Creek, 2 ft. wide, course S. $60^{\circ}$ W., asc. over steep SW. slope.
1005	Spur, slopes S. $35^{\circ}$ W., desc. across broken W. slope.
1375	Creek, 1 ft. wide, course S. $35^{\circ}$ W., asc. over steep SW. slope.
1885	Beaman Ridge Road, graveled surface, 8 ft. wide, bears E. and W.
1990	Beaman Ridge, bears N. $85^{\circ}$ E. and S. $85^{\circ}$ W., desc. over NE. slope.
2601.48	The $\frac{1}{4}$ sec. cor. of secs. 7 and 18, monumented with an iron post, 2 ins. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd.
	<div style="text-align: center;"> <p>T 23 S R 9 W</p> <p>S 7</p> <p>1/4 <hr style="width: 50px; margin: 0 auto;"/> S 18</p> <p>1969</p> </div>
	from which the bearing trees mkd. by Jelley and Steward
	<div style="padding-left: 40px;"> <p>A hemlock, 25 ins. diam., bears S. <math>15^{\circ}</math> E., 22.7 ft. dist., with a healed blaze. (Record, 24.4 ft. dist.)</p> </div>
	<div style="padding-left: 40px;"> <p>A hemlock, 18 ins. diam., bears N. <math>51^{\circ}</math> W., 18.8 ft. dist., with no scribe marks visible on partially healed blaze.</p> </div>
	<hr/>
	From the $\frac{1}{4}$ sec. cor. of secs. 17 and 18, monumented with an iron post, $2\frac{1}{2}$ ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd.

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FEET	
	<p style="text-align: center;">T 23 S R 9 W  <math>\frac{1}{4}</math>  S 18   S 17  1969</p>
	<p>from which the remains of the bearing trees mkd. by Jelley and Steward</p>
	<p style="padding-left: 40px;">A hemlock, 24 ins. diam., bears N. 83° E., 31.4 ft. dist., with a healed blaze.</p>
	<p style="padding-left: 40px;">A roothole bears S. 64¼° W., 29.7 ft. dist., alongside of which is a down decayed hemlock, size indeterminate, no marks visible.</p>
	<p>and a new bearing tree</p>
	<p style="padding-left: 40px;">A fir, 7 ins. diam., bears S. 43½° W., 26.5 ft. dist., mkd. 1/4 S18 BT.</p>
	<p>N. 89° 36' 28" W., on the E. and W. center line of sec. 18.</p>
	<p>Descend over NW. slope through fir reproduction.</p>
35	<p>Creek, 2 ft. wide, course N. 65° E., asc. over SE. slope; leave fir reproduction, edge bears N. 65° E. and S. 65° W.; enter medium timber and light undergrowth.</p>
690	<p>Ascend over E. slope.</p>
1250	<p>Graveled road, 10 ft. wide, bears N. 5° W. and S. 5° E. ; enter young timber and medium undergrowth, edge bears same; asc. over gentle E. slope.</p>
1319.56	<p>Point for the center E 1/16 sec. cor. of sec. 18. No permanent monument established.</p> <p>Ascend over gentle E. slope.</p>
1445	<p>Leave young timber and medium undergrowth, edge bears N. and S.</p>
1580	<p>Ridge, bears N. and S., desc. over steep broken W. slope, down a draw.</p>
2440	<p>Creek, 2 ft. wide, course S. 35° W., asc. over steep SE. slope.</p>
2639.12	<p>The center ¼ sec. cor. of sec. 18.</p>
	<hr style="width: 30%; margin: 0 auto;"/> <p>N. 89° 37' 19" W., beginning new measurement.</p>

## T. 23 S., R. 9 W., Willamette Meridian, Oregon

FEET	
	Ascend over SE. slope through medium timber and light undergrowth, on the N. edge logged area.
210	Spur, slopes S., across broken S. slope.
530	Descend over steep W. slope.
770	Creek, 2 ft. wide, course S. 40° W., across broken S. slope.
1294.18	<p>A point established by Robert W. Ward, Registered Land Surveyor No. 1091, in 1981, and recorded in the Douglas County Surveyor's Office, Map No. M89-63, and is accepted as marking the E. and W. center line and designated as a witness point; monumented with an iron pipe, 2 ins. diam., firmly set, projecting 4 ins. above ground, partially under a down fir, 20 ins. diam., with brass cap mkd.</p> <p style="text-align: center;">CHAMPION INTERNATIONAL PROPERTY CORNER 1981 PLS 1091</p> <p>from which the bearing trees mkd. by Ward</p> <p style="padding-left: 40px;">A triple maple stump, resprouting, the marked maple being 22 ins. diam., bears S. 29¼° W., 24.8 ft. dist., with a healed blaze.</p> <p style="padding-left: 40px;">A double maple, 49 ins. diam., bears N. 45° W., 25.4 ft. dist., with a healed blaze.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 89° 37' 19" W., beginning new measurement</p> <p>Descend across S. slope.</p>
622	Center of a black plastic water tank, a cylinder 8 ft. diam., bears N. 45 ft. dist.
660	Creek, 3 ft. wide, course S. 60° W., across S. slope.
785	Graveled road, 15 ft. wide, bears N. 75° W. and S. 40° E.
900	Same graveled road, bears N. 80° E. and S. 80° W.; also bottom of descent, slopes S.; asc. over SE. slope.

## T. 23 S., R. 9 W., Willamette Meridian, Oregon

FEET	
1334.98	<p>The ¼ sec. cor. of secs. 13 and 18, on the W. bdy. of the Tp., monumented with an iron post, 2½ ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T 23 S R 10 W    R 9 W           1/4 S 13         S 18           1967</p> <p>from which the bearing trees mkd. by Beck</p> <p style="padding-left: 40px;">A fir, 36 ins. diam., bears N. 43½° E., 43.6 ft. dist., with a healed blaze. (Record, N. 38° E.)</p> <p style="padding-left: 40px;">A hemlock, 33 ins. diam., bears N. 29¾° W., 36.3 ft. dist., with a healed blaze. (Record, N. 38° W.)</p> <p>and a monument set by person(s) unknown, reported by Beck</p> <p style="padding-left: 40px;">An iron pipe, 1 in. diam., firmly set, projecting 6 ins. above ground, inside of which is an iron rod, 3/8 in. diam., firmly set, projecting 12 ins. above ground, bears N. 11° 12' 01" W., 42.08 ft. dist. (Record, N. 11° 30' W., 40.92 ft. dist.)</p> <p>From this same point, a point established as the ¼ sec. cor. of secs. 13 and 18 by person(s) unknown, reported by Beck, determined at Beck's record bearing and dist., bears S. 88° 45' W., 48.84 ft. dist., monument missing, from which a bearing tree mkd. by person(s) unknown, reported by Beck</p> <p style="padding-left: 40px;">A fir, 48 ins. diam., bears N. 40° W., 26.5 ft. dist., with scribe marks 1/4 and other illegible scribe marks visible on open blaze. (Record, 21.1 ft. dist.)</p> <hr/> <p>From the E 1/16 sec. cor. of secs. 18 and 19.</p> <p>N. 0° 47' 06" W., on the N. and S. center line of the SE¼ of sec. 18.</p> <p>Ascend across steep broken E. slope through medium timber and light undergrowth.</p>
465	Ascend over steep SE. slope.
1130	Across E. slope.

## T. 23 S., R. 9 W., Willamette Meridian, Oregon

FEET	
1309.37	<p>Point for the SE 1/16 sec. cor. of sec. 18, at the calculated position.</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;">SE 1/16 S 18 2004</p> <p>from which</p> <p style="padding-left: 40px;">A fir, 25 ins. diam., bears N. 4° E., 53.9 ft. dist., mkd. SE1/16 S18 BT.</p> <p style="padding-left: 40px;">A fir, 23 ins. diam., bears S. 48° W., 26.1 ft. dist., mkd. X BT.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
	<hr/> <p>S. 89° 26' 07" E., on the E. and W. center line of the SE¼ of sec. 18.</p>
	<p>Descend over E. slope through medium timber and light undergrowth.</p>
20	<p>Head of ravine, drains S. 25° E.; across S. slope.</p>
185	<p>Top spur, slopes S. 85° E., desc. across steep N. slope.</p>
685	<p>Creek, 1 ft. wide, course S. 60° E., asc. over SW. slope.</p>
1010	<p>Spur, slopes S. 25° E., desc. over NE. slope.</p>
1250	<p>Creek, dry, 3 ft. wide, course S. 20° E., asc. over SW. slope.</p>
1328.23	<p>The S 1/16 sec. cor. of secs. 17 and 18, monumented with an iron post, 2½ ins. diam., firmly set, projecting 7 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">S 1/16 S 18   S 17 1969</p> <p>from which a bearing tree mkd. by Jelley and Steward</p> <p style="padding-left: 40px;">A hemlock, 20 ins. diam., bears N. 52½° E., 39.6 ft. dist., with a healed blaze.</p>

## T. 23 S., R. 9 W., Willamette Meridian, Oregon

FEET	<p>and a new bearing tree</p> <p style="text-align: center;">A hemlock, 16 ins. diam., bears N. 50½° W., 25.6 ft. dist., mkd. S1/16 S18 BT.</p> <hr/> <p style="text-align: center;"><b>GENERAL DESCRIPTION</b></p> <p>The lands included in the foregoing survey are located in Douglas County about 6 miles south of Scottsburg, Oregon. Access is by way of Beaman Ridge Road, Soup Creek Road, Sock Creek Road, and various logging roads that lead into the area.</p> <p>Elevations range from about 440 feet above sea level on the east and west centerline of section 18, near the quarter corner between sections 13 and 18, on the west boundary of the township, to about 1160 feet above sea level on the east and west centerline of section 18, near the center east sixteenth position. The soil is rocky clay.</p> <p>The area is drained by tributaries to Soup Creek, which flow southwesterly through the section, and tributaries to North Fork Soup Creek, which flow southeasterly through the section.</p> <p>The timber consists primarily of fir, hemlock, cedar, alder, myrtle, tan oak, and maple. Undergrowth consists of vine maple, salal, rhododendron, poison oak, Oregon grape, blackberry, salmonberry, huckleberry, Scotch broom, nettle, ferns, and grasses.</p> <p>There were no mineral deposits noted along the lines surveyed.</p> <p>The magnetic declination, as shown on the United States Geological Survey 7½ minute quadrangle map "LOON LAKE, OREG.," provisional edition dated 1985, is 19° east.</p>
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