

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

FIELD NOTES
OF THE
DEPENDENT RESURVEY
OF
A PORTION OF THE SUBDIVISIONAL LINES

TOWNSHIP 31 SOUTH, RANGE 6 WEST,

OF THE WILLAMETTE MERIDIAN,

IN THE STATE OF OREGON.

EXECUTED BY

A. Bert Skeesick, Cadastral Surveyor

Robert H. Browning, Surveying Technician

Under Special Instructions dated February 21, 2008,
approved February 29, 2008, which provided for the surveys included
under Group No. 2193, and Assignment Instructions dated April 9, 2008.

Survey commenced April 22, 2008

Survey completed June 3, 2008

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FEET

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines in Township 31 South, Range 6 West, of the Willamette Meridian, Oregon.

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

In 1855, Wells Lake and George W. Hyde, U.S. Deputy Surveyors, surveyed the west boundary.

In 1882, William H. Byars, U.S. Deputy Surveyor, resurveyed the west boundary, surveyed the subdivisional lines of T. 31 S., R. 6 W., and surveyed a portion of the subdivisional lines of T. 31 S., R. 7 W.

In 1965, John M. Jelley, Cadastral Surveyor, resurveyed a portion of the north boundary and subdivisional lines, and subdivided section 5.

In 1969, John M. Jelley, Cadastral Surveyor, resurveyed a portion of the east boundary and subdivisional lines of T. 31 S., R. 7 W.

In 1980-81, James E. Jelley and Wayne L. Rogers, Cadastral Surveyors, resurveyed a portion of the north boundary and subdivisional lines, and subdivided section 1.

In 1984-85, James L. White, Cadastral Surveyor, resurveyed a portion of the subdivisional lines, and subdivided section 18.

In 1985-86, Wayne L. Rogers, Cadastral Surveyor, resurveyed a portion of the subdivisional lines.

In 2000, A. Bert Skeesick, Cadastral Surveyor, rehabilitated the 1/4 section corner of sections 5 and 6.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated February 21, 2008, for Group No. 2193, Oregon.

The survey was performed using a combination of Global Positioning System (GPS) satellite techniques and terrestrial measurements. The GPS measurements utilized dual frequency carrier phase receivers and were executed in accordance with the 'Standards and Guidelines for Cadastral Surveys Using Global Positioning System Methods', dated May of 2001, published by the U.S.D.A. Forest Service and U.S.D.I. Bureau of Land Management.

The direction of the lines refer to the true meridian as determined by GPS measurements, carried forward by sustained angulation using conventional survey techniques. Distances along

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the lines were derived through the use of electronic measuring equipment.

Static GPS measurements have been adjusted using computer software that incorporates a least squares adjustment routine. The maximum GPS Cadastral Measurement error ellipse at 95% confidence level is 0.10 feet based on local accuracy standards. Terrestrial distances and directions have been adjusted using computer software that incorporates a least squares adjustment routine. The unadjusted data assured a closure not exceeding 1:4000 in error. The adjusted bearings and distances are reported to the nearest second and 0.01 foot.

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. The retracement data were thoroughly verified and only the true line field notes are given herein. Only those lines bounding public lands were blazed.

The geographic position (NAD 1983 (CORS 96)) of the following corners, as determined by a tie from a temporary GPS control point, established utilizing dual frequency, carrier phase GPS receivers, using for control National Spatial Reference System Continuously Operating Reference Stations (CORS) CAPE BLANCO CORS ARP (CABL), and National Cooperative CORS Network Station ROSEBURG COOP CORS ARP (DCSO), is as follows:

The corner of sections 5, 6, 7, and 8.

Latitude: 42° 53' 54.18" N. Longitude: 123° 26' 47.95" W.

The corner of sections 16, 17, 20, and 21.

Latitude: 42° 52' 10.13" N. Longitude: 123° 25' 37.48" W.

The corner of sections 13, 18, 19, and 24, on the W. boundary of the township.

Latitude: 42° 52' 10.26" N. Longitude: 123° 28' 01.76" W.

Each new bearing tree has a 2 1/2 inch x 1/4 inch magnetic nail (Mag Nail) driven at the base on right side center, unless otherwise noted in the corner description.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
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(Restoring the 1855 survey by Wells Lake and George W. Hyde, the 1882 resurvey and survey by William H. Byars, the 1965 and 1969 resurveys by John M. Jelley, and the 1980-81 resurvey by James E. Jelley and Wayne L. Rogers)

Beginning at the cor. of secs. 16, 17, 20, and 21, perpetuated by Milo E. Godfrey, Deputy County Surveyor, in 1964, subsequently perpetuated by the Douglas County Surveyor's Office in 1994, further perpetuated by Mark F. Smalley, Oregon Professional Land Surveyor No. 2354, in 2000, filed in the Douglas County Surveyor's Record of Government Corners Renewed, T. 31 S., R. 6 W., Point Identifier No. 300400, monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 8 ins. above the ground, with brass cap mkd.

COUNTY SURVEYORS OFFICE

T 31 S	
S 17	S 16
S 20	S 21
R 6 W	
1964	

from which the remains of the original bearing trees

A madrone, 16 ins. diam., bears N. 50° E., 27.3 ft. dist., with a healed blaze. (Record, 30.4 ft.)

A sawed madrone stump, 17 ins. diam., bears S. 51° E., 42.3 ft. dist., with no marks visible.

A sawed madrone stump, 27 ins. diam., bears N. 60° W., 65.9 ft. dist., with a healed blaze. (Record, 69.3 ft.)

and bearing trees mkd. by Godfrey

A fir, 15 ins. diam., bears S. 45 3/4° E., 36.1 ft. dist., with a healed blaze.

A fir, 15 ins. diam., bears S. 10 1/4° W., 15.0 ft. dist., with a healed double blaze.

and bearing tree mkd. by the Douglas County Surveyor's Office

A fir, 15 ins. diam., bears N. 80° W., 36.1 ft. dist., with a healed double blaze.

and bearing tree mkd. by Smalley

A fir, 9 ins. diam., bears S. 73 3/4° E., 17.7 ft. dist., with a healed blaze.

Dependent Resurvey of a Portion of the Subdivisional Lines,
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FEET													
	N. 0° 36' 07" E., bet. secs. 16 and 17, posting and blazing.												
520	Dirt road, 12 ft. wide, bears S. 75° E. and N. 75° W.												
690	Ridge, bears S. 35° E. and N. 35° W., desc. over broken easterly slope.												
2637.41	<p>The 1/4 sec. cor. of secs. 16 and 17, reestablished by Bruce A. Shaner, Oregon Professional Land Surveyor No. 430, filed in the Douglas County Surveyor's Office, Map File No. RM3-32, and is accepted as the cor., monumented with an iron post, 2 1/2 ins. diam., projecting 10 ins. above the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 31 S R 6 W W. M.</p> <p>1/4</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 0 10px;">S 17</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;"> </td> <td style="padding: 0 10px;">S 16</td> </tr> <tr> <td colspan="3" style="text-align: center;">R.L.S. 430 1980</td> </tr> </table> </div> <p>from which bearing trees mkd. by Shaner</p> <p style="padding-left: 40px;">A fir, 12 ins. diam., bears S. 78 3/4° E., 10.8 ft. dist., with a healed blaze.</p> <p style="padding-left: 40px;">A fir, 12 ins. diam., bears N. 81 3/4° W., 16.1 ft. dist., with a healed blaze.</p> <hr style="width: 20%; margin: 20px auto;"/>	S 17		S 16	R.L.S. 430 1980								
S 17		S 16											
R.L.S. 430 1980													
2638.21	<p>N. 0° 34' 45" E., beginning new measurement.</p> <p>The cor. of secs. 8, 9, 16, and 17, monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>COUNTY SURVEYORS OFFICE</p> <p>T 31 S</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 0 10px;">S 8</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;"> </td> <td style="padding: 0 10px;">S 9</td> </tr> <tr> <td colspan="3" style="border-top: 1px solid black; text-align: center;">R 6 W</td> </tr> <tr> <td style="padding: 0 10px;">S 17</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;"> </td> <td style="padding: 0 10px;">S 16</td> </tr> <tr> <td colspan="3" style="text-align: center;">1964</td> </tr> </table> </div> <p>from which the remains of an original bearing tree</p> <p style="padding-left: 40px;">A fir snag, 43 ins. diam., bears N. 68° E., 20.5 ft. dist., with fragmentary scribe marks visible on an opened blaze.</p> <p>and the remains of bearing trees mkd. by Milo E. Godfrey, Deputy County Surveyor, in 1964, filed in the Douglas County Surveyor's Record of Government Corners Renewed, T. 31 S., R. 6 W., Point Identifier No. 300500, reported by Jelley and Rogers</p>	S 8		S 9	R 6 W			S 17		S 16	1964		
S 8		S 9											
R 6 W													
S 17		S 16											
1964													

Dependent Resurvey of a Portion of the Subdivisional Lines,
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FEET	<p>A madrone, 17 ins. diam., bears S. 43 1/2° E., 48.8 ft. dist., with a healed blaze.</p> <p>A sawed fir stump, 27 ins. diam., bears S. 68 1/2° W., 60.7 ft. dist., with a healed blaze.</p> <p>A cedar, 25 ins. diam., bears N. 16 3/4° W., 55.4 ft. dist., with a healed blaze.</p> <p>and a bearing tree mkd. by Jelley and Rogers</p> <p>A fir, 11 ins. diam., bears S. 23° W., 62.7 ft. dist., with a healed blaze.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 18 and 19, monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 10 ins. above the ground, with brass cap mkd.</p> <p style="text-align: center;">COUNTY SURVEYORS OFFICE T 31 S S 18 1/4 ——— S 19 R 6 W 1965</p> <p>from which an original bearing tree</p> <p>A fir, 55 ins. diam., bears S. 55° W., 21.8 ft. dist., with a healed blaze.</p> <p>and the remains of bearing trees mkd. by Howard W. Johnstone, Oregon Professional Land Surveyor No. 498, in 1960, filed in the Douglas County Surveyors Office, Map File No. M18-66, reported by White</p> <p>A sawed cedar stump, 28 ins. diam., bears S. 14° E., 57.4 ft. dist., with a healed blaze.</p> <p>A fir, 49 ins. diam., bears N. 25° W., 68.0 ft. dist., with a healed blaze.</p> <p>S. 89° 02' 03" W., bet. secs. 18 and 19, posting and blazing.</p>
1268.84	<p>The W 1/16 sec. cor. of secs. 18 and 19, established by Howard W. Johnstone, Oregon Professional Land Surveyor No. 498, in 1960, filed in the Douglas County Surveyor's Office, Map File No. M18-66, and is accepted as the cor., monumented with an iron pipe, 1 in. diam., firmly set, projecting 4 ins. above the ground, with no cap, from which the remains of bearing trees mkd. by Johnstone</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
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FEET	<p>A fir, 27 ins. diam., bears N. 23 3/4° E., 11.1 ft. dist., with a healed blaze.</p> <p>A sawed fir stump, 19 ins. diam., bears S. 9 1/4° W., 58.4 ft. dist., with no marks visible.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 22 ins. in the ground, directly over the iron pipe, with brass cap mkd.</p> <div style="text-align: center;"> <p>S 18 W 1/16 ——— S 19 2008</p> </div> <p>from which</p> <p>A fir, 6 ins. diam., bears S. 58 1/4° W., 23.0 ft. dist., mkd. W 1/16 S19 BT.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 89° 02' 39" W., beginning new measurement.</p> <p>740 Graveled road, 15 ft. wide, bears N. 45° E. and S. 45° W, and top of spur, slopes S. 30° E.</p> <p>1130 Graveled road, 15 ft. wide, bears S. 55° E. and N. 55° W.</p> <p>1489.92 The cor. of secs. 13, 18, 19, and 24, on the W. boundary of the Tp., perpetuated by the Douglas County Surveyor's Office in 1962, filed in the Douglas County Surveyor's Record of Government Corners Renewed, T. 31 S., R. 6 W., Point Identifier No. 100400, monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 13 ins. above the ground (alongside of which is an iron pipe, 3/4 in. diam., firmly set, projecting 4 ins. above the ground), with brass cap mkd.</p> <div style="text-align: center;"> <p>COUNTY SURVEYORS OFFICE</p> <p>T 31 S</p> <table style="margin: auto; border-collapse: collapse;"> <tr> <td style="padding: 0 10px;">R S 13</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 10px;">S 18 R</td> </tr> <tr> <td style="padding: 0 10px;">7</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 10px;">6</td> </tr> <tr> <td style="padding: 0 10px;">W S 24</td> <td style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 10px;">S 19 W</td> </tr> </table> <p>1962</p> </div> <p>from which the remains of original bearing trees</p> <p>A sawed cedar stump, 32 ins. diam., bears N. 22° E., 40.9 ft. dist., with no marks visible.</p>	R S 13	S 18 R	7	6	W S 24	S 19 W
R S 13	S 18 R						
7	6						
W S 24	S 19 W						

Dependent Resurvey of a Portion of the Subdivisional Lines,
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FEET	<p>A sawed fir stump, 72 ins. diam., bears S. 72° W., 33.0 ft. dist., with a healed blaze.</p> <p>A sawed fir stump, 33 ins. diam., bears N. 20° W., 13.2 ft. dist., with a healed blaze.</p> <p>and the remaining bearing tree mkd. by the Douglas County Surveyors Office</p> <p>A fir, 23 ins. diam., bears S. 8° E., 29.0 ft. dist., with a healed double blaze.</p> <p>and new bearing trees</p> <p>A fir, 6 ins. diam., bears N. 49 1/4° E., 26.1 ft. dist., mkd. T31S R6W S18 BT.</p> <p>A fir, 6 ins. diam., bears S. 75 1/2° W., 19.4 ft. dist., mkd. T31S R7W S24 BT.</p> <p>A fir, 6 ins. diam., bears N. 31 1/2° W., 3.7 ft. dist., mkd. T31S R7W S13 BT.</p> <hr/> <p>From the cor. of secs. 5, 6, 7, and 8, perpetuated by Jerry L. Estabrook, Oregon Professional Land Surveyor No. 2703, in 2003, filed in the Douglas County Surveyor's Office, C.S. File No. 65/48-30, monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 12 ins. above the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>COUNTY SURVEYORS OFFICE</p> <table style="margin: auto; border-collapse: collapse;"> <tr> <td colspan="2" style="text-align: center;">T 31 S</td> </tr> <tr> <td style="text-align: center;">S 6</td> <td style="text-align: center;">S 5</td> </tr> <tr> <td colspan="2" style="text-align: center;">-----</td> </tr> <tr> <td style="text-align: center;">S 7</td> <td style="text-align: center;">S 8</td> </tr> <tr> <td colspan="2" style="text-align: center;">BLM 1965</td> </tr> <tr> <td colspan="2" style="text-align: center;">R 6 W</td> </tr> <tr> <td colspan="2" style="text-align: center;">1963</td> </tr> </table> </div> <p>from which the remains of an original bearing tree</p> <p>A fir snag, 46 ins. diam., bears S. 36° E., 24.4 ft. dist., with a healed blaze.</p> <p>and the remains of a bearing tree mkd. by James W. Byron, Deputy County Surveyor, in 1963, filed in the Douglas County Surveyor's Record of Government Corners Renewed, T. 31 S., R. 6 W., Point Identifier No. 200600, reported by Rogers</p> <p>A fir, 12 ins. diam., bears S. 13° W., 52.8 ft. dist., with a healed double blaze.</p> <p>and the remains of a bearing tree mkd. by Rogers</p>	T 31 S		S 6	S 5	-----		S 7	S 8	BLM 1965		R 6 W		1963	
T 31 S															
S 6	S 5														

S 7	S 8														
BLM 1965															
R 6 W															
1963															

Dependent Resurvey of a Portion of the Subdivisional Lines,
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<p>F E E T</p>	<p>A fir snag, 8 ins. diam., bears N. 77 3/4° E., 33.3 ft. dist., with a healed blaze. (Record, 31.7 ft.)</p> <p>and bearing trees mkd. by Estabrook</p> <p>A fir, 13 ins. diam., bears S. 2 1/2° E., 57.7 ft. dist., with fragmentary scribe marks visible on a partially healed blaze.</p> <p>A fir, 14 ins. diam., bears S. 62 3/4° W., 10.7 ft. dist., with fragmentary scribe marks visible on a partially healed blaze.</p> <p>A pine, 9 ins. diam., bears N. 31 3/4° W., 84.3 ft. dist., with fragmentary scribe marks visible on a partially healed blaze.</p> <p>and a bearing tree mkd. by person(s) unknown, reported by Estabrook</p> <p>A fir, 27 ins. diam., bears East, 21.0 ft. dist., with a healed blaze.</p> <p>and a new bearing tree</p> <p>A pine, 12 ins. diam., bears N. 36 3/4° W., 83.5 ft. dist., mkd. T31S R6W S6 BT.</p> <p>N. 89° 43' 53" W., between secs. 6 and 7, posting and blazing.</p>
<p>30</p>	<p>Graveled road, 15 ft. wide, bears S. 5° E. and N. 5° W.</p>
<p>1331.58</p>	<p>The E 1/16 sec. cor. of secs. 6 and 7, established by Eugene A. Bloom, Oregon Professional Land Surveyor No. 492, in 1980, filed in the Douglas County Surveyor's Office, Map File No. M79-33, and is accepted as the cor., monumented with an iron rod, 5/8 in. diam., firmly set, projecting 6 ins. above the ground, with no cap, from which the remains of bearing trees mkd. by Bloom</p> <p>A sawed fir stump, 29 ins. diam., bears N. 65 1/4° E., 17.6 ft. dist., with scribe marks S BT visible on an open blaze.</p> <p>A fir, 41 ins. diam., bears S. 19° E., 6.7 ft. dist., with a healed blaze.</p> <p>At the cor. point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 23 ins. in the ground, directly over the iron rod, with brass cap mkd.</p>

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FEET	
	<p style="text-align: center;">S 6 E 1/16 ——— S 7 2008</p>
	<p>from which</p>
	<p style="padding-left: 40px;">A fir, 4 ins. diam., bears N. 53° E., 30.1 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 style="width: 30%; margin: 10px auto;"/>
	<p>N. 89° 43' 33" W., beginning new measurement.</p>
1165	<p>Creek, 1 ft. wide, course N. 20° W.</p>
1331.50	<p>The 1/4 sec. cor. of secs. 6 and 7, perpetuated by the Douglas County Surveyor's Office in 1966, filed in the Douglas County Surveyor's Record of Government Corners Renewed, T. 31 S., R. 6 W., Point Identifier No. 140600, monumented with an iron post, 1 1/4 ins. diam., firmly set, projecting 16 ins. above the ground, with brass cap mkd.</p>
	<p style="text-align: center;">COUNTY SURVEYORS OFFICE T 31 S R 6 W S 6 1/4 ——— S 7 1966</p>
	<p>from which the remains of an original bearing trees</p>
	<p style="padding-left: 40px;">A madrone, 22 ins. diam., bears N. 51° W., 19.8 ft. dist., with fragmentary scribe marks visible on an open blaze.</p>
	<p>and the remains of bearing trees mkd. by the Douglas County Surveyor's Office</p>
	<p style="padding-left: 40px;">A sawed fir stump, 19 ins. diam., bears N. 78 3/4° E., 3.9 ft. dist., with a healed blaze.</p>
	<p style="padding-left: 40px;">A sawed fir stump, 20 ins. diam., bears S. 26 1/4° W., 12.1 ft. dist., with scribe marks BT visible on an open blaze.</p>
	<p>and a new bearing tree</p>
	<p style="padding-left: 40px;">A fir, 5 ins. diam., bears S. 38 1/4° W., 11.7 ft. dist., mkd. 1/4 S7 BT.</p>

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	<p>Corner is located on a spur, slopes N. 5° W.</p> <hr/>
	<p>From the cor. of secs. 5, 6, 7, and 8.</p>
	<p>N. 1° 06' 18" E., bet. secs. 5 and 6, posting and blazing.</p>
70	<p>Graveled road, 15 ft. wide, bears N. 80° E. and S. 60° W.</p>
150	<p>Graveled road, 20 ft. wide, bears N. 70° E. and S. 70° W.</p>
1327.03	<p>The S 1/16 sec. cor. of secs. 5 and 6, monumented with an iron post, 2 1/2 ins. diam., firmly set, projecting 5 ins. above the ground, with brass cap mkd.</p>
	<div style="text-align: center;"> <p>S 1/16</p> <p> </p> <p>S 6 S 5</p> <p> </p> <p> 1965</p> </div>
	<p>from which the remaining bearing tree mkd. by Jelley</p>
	<p style="padding-left: 40px;">A fir, 29 ins. diam., bears N. 66° E., 49.5 ft. dist., with a healed blaze.</p>
	<p>and a new bearing tree</p>
	<p style="padding-left: 40px;">A fir, 3 ins. diam., bears S. 27 1/4° W., 30.8 ft. dist., mkd. X BT.</p> <hr/>