

ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES
OF THE
DEPENDENT RESURVEY OF A PORTION OF
THE WILLAMETTE BASE LINE THROUGH
RANGES 33 AND 34 EAST,
EAST BOUNDARY, AND SUBDIVISIONAL LINES
AND THE SUBDIVISION OF SECTION 1,
TOWNSHIP 1 SOUTH, RANGE 33 EAST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON.

EXECUTED BY

Bryan S. Seibold, Cadastral Surveyor

Under Special Instructions dated May 19, 1999, approved May 19, 1999,
which provided for the surveys included under Group No. 1915,
and assignment instructions dated May 20, 1999.

Survey commenced June 2, 1999

Survey completed May 18, 2000

INDEX DIAGRAM

TOWNSHIP 1 SOUTH

RANGE 33 EAST

				8	1
6	5	4	3	2	18 1 12 15
7	8	9	10	11	12
18	17	16	15	14	13
19	20	21	22	23	24
30	29	28	27	26	25
31	32	33	34	35	36

T. 1 S., R. 33 E., Willamette Meridian, Oregon

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The following field notes are those of the dependent resurvey of a portion of the Willamette Base Line through ranges 33 and 34 east, east boundary, and subdivisional lines, and the subdivision of section 1, township 1 south, range 33 east, Willamette Meridian, Oregon.

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

In 1863, Timothy W. Davenport, U.S. Deputy Surveyor, surveyed the Willamette Base Line through ranges 33 and 34 east.

In 1887, James P. Currin and James E. Noland, U.S. Deputy Surveyors, resurveyed the Willamette Base Line through range 33 east, setting new standard corners, surveyed the east boundary and a portion of the subdivisional lines.

In 1889, James P. Currin, U.S. Deputy Surveyor, retraced a portion of the subdivisional lines forming the boundary of the diminished Umatilla Indian Reservation, and surveyed certain Indian Allotments.

In 1917, L. E. Wilkes, U.S. Surveyor, resurveyed the east, south, west and westerly three miles of the north boundary of the diminished Umatilla Indian Reservation.

In 1917, C. E. Redfield, Surveyor for the U.S. Indian Service, dependently resurveyed a portion of the Willamette Base Line through ranges 33 and 34 east, east boundary and a portion of the subdivisional lines. Redfield also executed an allotment survey/subdivision of section 1. The Redfield monuments were accepted in this survey and used to control the restoration of lost corners. The field notes of the Redfield surveys are on file at the Bureau of Indian Affairs, Umatilla Agency Office, in Pendleton, Oregon.

In 1919, Thomas D. Daley, U.S. Surveyor, correctively resurveyed a portion of the diminished boundary of the Umatilla Indian Reservation.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated May 19, 1999, for Group No. 1915, 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

T. 1 S., R. 33 E., Willamette Meridian, Oregon

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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 feet. 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 adjustments 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, as 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 record. The retracement data were thoroughly verified and only the true line field notes are given herein.

Each new bearing tree has a 2½ inch x ¼ inch magnetic nail (Mag Nail) driven at the base on right side-center, unless noted in the corner description.

The geographic position (NAD 1983 (91)) of the 1/4 section corner of sections 1 and 12, as determined by a tie to geodetic control station "N.F. MCKAY", established by the U.S. Forest Service, in 1995, is as follows:

Latitude: 45° 29' 57.97" N. Longitude: 118° 37' 22.61" W.

**Dependent Resurvey of a Portion of the
Willamette Base Line Through R. 34 E.,
Willamette Meridian, Oregon**

(Restoring the survey by Timothy W. Davenport in 1863,
the resurveys by James P. Currin in 1889
and L. E. Wilkes in 1917)

Beginning at the closing cor. of secs. 1 and 6, Tps. 1 S., Rs. 33 and 34 E., hereinafter described.

From this point, the standard 1/4 sec. cor. of sec. 31, reestablished by William R. Wells, Registered Professional Land Surveyor No. 1106, in 1994, recorded in the Umatilla County Surveyors Office, Corner Restoration Form No. 95-16-C, bears S. 89° 58' 26" E., 472.58 ft. dist. There is no remaining evidence of the original corner; therefore, this position is

Dependent Resurvey of a Portion of the
Willamette Base Line Through R. 34 E.,
Willamette Meridian, Oregon

FEET	
	<p>accepted as the corner, monumented with an iron post, 1½ ins. diam., firmly set flush with the ground, with brass cap mkd.</p> <p style="text-align: center;">T 1 N R 34 E 1/4 S 31</p> <hr style="width: 10%; margin: auto;"/> <p style="text-align: center;">SC T 1 S R 34 E 1994 PLS 1106</p> <p>from which bearing trees mkd. and an accessory set by Wells</p> <p>A pine, 8 ins. diam., bears N. 34° E., 97.4 ft. dist., with fragmentary scribe marks visible on partially healed blaze.</p> <p>A pine, 18 ins. diam., bears N. 45¼° E., 125.0 ft. dist., with fragmentary scribe marks visible on partially healed blaze.</p> <p>A pine, 28 ins. diam., bears N. 57¼° E., 87.2 ft. dist., with fragmentary scribe marks visible on partially healed blaze.</p> <p>An iron rod, 5/8 in. diam., firmly set, projecting 1 in. above ground for a reference monument, bears N. 33¼° W., 9.3 ft. dist., with yellow plastic cap mkd. W.R. WELLS PLS 1106.</p> <p>The corner is located N. 62° W., 8 ft. dist., from a fence corner, with barbed wire fences extending E., W. and S.</p> <p>N. 89° 05' 08" W., on the S. bdy. of sec. 31.</p> <p>Ascend over broken E. changing to SE. slope, over open grass land.</p>
1338.95	<p>The E 1/16 sec. cor. of sec. 1, established by C. E. Redfield in 1917, and is accepted as the corner; monumented with an iron post, 1½ ins. diam., firmly set, on the S. side of a rock jack, 3 ft. diam. and 2 ft. high and on the N. side of a wood fence post, projecting 24 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T 1 N R 34 E BASE LINE</p> <hr style="width: 10%; margin: auto;"/> <p style="text-align: center;">1 — 16</p> <p style="text-align: center;">10 - S1</p> <p style="text-align: center;">T 1 S R 33 E</p>

Dependent Resurvey of a Portion of the
Willamette Base Line Through R. 34 E.,
Willamette Meridian, Oregon

FEET

from which accessories set but not recorded by Wayne O. Harris,
Registered Professional Land Surveyor, No. 346

An iron rod, $\frac{1}{2}$ in. diam., firmly set, projecting 14 ins.
above ground for a reference monument, bears N. 87° E.,
13.8 ft. dist., with yellow plastic cap mkd. HARRIS PLS346.

An iron rod, $\frac{5}{8}$ in. diam., firmly set, projecting 12 ins.
above ground for a reference monument, bears S. $31\frac{1}{2}^\circ$ E.,
25.3 ft. dist., with yellow plastic cap mkd. HARRIS PLS346.

An iron rod, $\frac{1}{2}$ in. diam., firmly set, projecting 14 ins.
above ground for a reference monument, bears S. 1° E., 27.4
ft. dist., with yellow plastic cap mkd. HARRIS PLS346.

The corner is located in a fence corner, with barbed wire fences
extending E., W. and S.

S. $88^\circ 50' 20''$ W., beginning new measurement.

Ascend over broken SE. slope.

1037.08

True point for the standard cor. of Tps. 1 N., Rs. 33 and 34 E.,
determined at record bearing and distance from the witness cor.

The corner is located at a fence corner, with barbed wire fences
extending N., E. and W.

From this point, the witness cor. to the standard cor. of secs. 31
and 36, bears West, 0.66 ft. dist., monumented with an iron post,
2 ins. diam., firmly set, projecting 14 ins. above ground, with
brass cap mkd.

S C
T 1 N
R 33 E R 34 E W
S 36 S 31 C
S 1
T 1 S
1917

from which accessories set by William R. Wells, Registered
Professional Land Surveyor No. 1106, in 1994, recorded in the
Umatilla County Surveyors Office, Corner Restoration Form No. 95-
16-C

Dependent Resurvey of a Portion of the
Willamette Base Line Through R. 34 E.,
Willamette Meridian, Oregon

FEET					
	<p>An iron rod, 5/8 in. diam., firmly set, projecting 2 ins. above ground for a reference monument, bears N. 18½° E., 31.3 ft. dist., with yellow plastic cap mkd. OR PLS 1106 WA PLS 17372.</p> <p>An iron rod, 5/8 in. diam., firmly set, projecting 2 ins. above ground for a reference monument, bears N. 56° E., 29.2 ft. dist., with yellow plastic cap mkd. OR PLS 1106 WA PLS 17372.</p> <p>An iron rod, 5/8 in. diam., firmly set, projecting 2 ins. above ground for a reference monument, bears N. 77¼° W., 27.8 ft. dist., with yellow plastic cap mkd. OR PLS 1106 WA PLS 17372.</p> <p>An iron rod, 5/8 in. diam., firmly set, projecting 1 in. above ground for a reference monument, bears N. 8½° W., 16.2 ft. dist., with yellow plastic cap mkd. OR PLS 1106 WA PLS 17372.</p>				
	<hr/> <p>Dependent Resurvey of a Portion of the Willamette Base Line Through R. 33 E., Willamette Meridian, Oregon</p> <hr/>				
	<p>(Restoring the survey by Timothy W. Davenport in 1863, the resurveys by James P. Currin and James E. Noland in 1887, James P. Currin in 1889 and L.E. Wilkes in 1917)</p> <hr/>				
	<p>S. 89° 39' 47" W., on the S. bdy. of sec. 36.</p> <p>Across southerly slope, over open grass land.</p>				
70	<p>Spur, slopes S. 5° W.; desc. over SW. slope.</p>				
274.53	<p>The 1/4 sec. cor. of sec. 1, T. 1 S. R. 33 E., established by C. E. Redfield in 1917, and is accepted as the corner; monumented with an iron post, 2 ins. diam., firmly set, projecting 22 ins. above ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 1 N</p> <p>BASE LINE</p> <hr style="width: 100px; margin: 0 auto;"/> <table style="margin: 0 auto; border-collapse: collapse;"> <tr> <td style="border-right: 1px solid black; padding: 0 5px; text-align: center;">1</td> <td style="padding: 0 5px; text-align: center;">S 1</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px; text-align: center;">4</td> <td></td> </tr> </table> <p>T 1 S R 33 E</p> </div> <p>No accessories available.</p>	1	S 1	4	
1	S 1				
4					

Dependent Resurvey of a Portion of the
Willamette Base Line Through R. 33 E.,
Willamette Meridian, Oregon

FEET																
	<p>Secure the monument by building a mound of stone, 3 ft. base, 1½ ft. high, around the iron post.</p> <p>The corner is located in a barbed wire fence, extending E. and W.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 89° 45' 10" W., beginning new measurement.</p> <p>Descend over SW slope, changing to asc. over SE. slope.</p>															
1045.51	<p>The standard E 1/16 sec. cor. of sec. 36, established by C. E. Redfield in 1917, and is accepted as the corner; monumented with an iron post, 2 ins. diam., loosely set, projecting 22 ins. above ground, with brass cap mkd.</p> <div style="text-align: center; margin: 20px 0;"> <table style="margin: auto;"> <tr><td></td><td>13 - S36</td><td></td></tr> <tr><td><u>1</u></td><td>T 1 N R 33 E</td><td></td></tr> <tr><td>16</td><td>BASE LINE</td><td></td></tr> <tr><td></td><td>-----</td><td></td></tr> <tr><td></td><td>T 1 S</td><td></td></tr> </table> </div> <p>No accessories available.</p> <p>Secure the monument by building a mound of stone, 4 ft. base, 1 ft. high, around the iron post.</p> <p>The corner is located N., 2 ft. dist., from a barbed wire fence extending E. and W.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 89° 53' 24" W., beginning new measurement.</p> <p>Descend over SW. slope.</p>		13 - S36		<u>1</u>	T 1 N R 33 E		16	BASE LINE			-----			T 1 S	
	13 - S36															
<u>1</u>	T 1 N R 33 E															
16	BASE LINE															

	T 1 S															
269.92	<p>Point for the W 1/16 sec. cor. of sec. 1 only, T. 1 S., R. 33 E., at proportionate distance. The monument established by C. E. Redfield in 1917 was found being used as a fence tightener in a nearby fence and the original position could not be determined.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, and in a collar of stone, 3 ft. diam., to top, with brass cap mkd.</p> <div style="text-align: center; margin: 20px 0;"> <table style="margin: auto;"> <tr><td>W 1/16</td><td>-----</td></tr> <tr><td></td><td>S 1</td></tr> <tr><td></td><td>1999</td></tr> </table> </div> <p>No accessories available.</p>	W 1/16	-----		S 1		1999									
W 1/16	-----															
	S 1															
	1999															

Dependent Resurvey of a Portion of the
Willamette Base Line Through R. 33 E.,
Willamette Meridian, Oregon

FEET													
	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>The corner is located N. 55° E., 2 ft. dist., from a fence corner, with barbed wire fences extending E., W. and S.</p> <p>The original iron post set by Redfield was left in the fence.</p> <p>From this point, a point established but not recorded as the W 1/16 sec. cor. of sec. 1 only by Wayne O. Harris, Registered Professional Land Surveyor No. 346, bears N. 19° 06' 58" W., 1.79 ft. dist., monumented with an iron rod, 5/8 in. diam., firmly set, projecting 10 ins. above ground, with yellow plastic cap mkd. HARRIS PLS346 from which accessories set but not recorded by Harris</p> <p style="padding-left: 40px;">An iron rod, 1/2 in. diam., firmly set, projecting 14 ins. above ground for a reference monument, bears S. 75½° E., 10.4 ft. dist., with yellow plastic cap mkd. HARRIS PLS346.</p> <p style="padding-left: 40px;">An iron rod, 1/2 in. diam., firmly set, projecting 10 ins. above ground for a reference monument, bears N. 17° W., 15.0 ft. dist., with yellow plastic cap mkd. HARRIS PLS346.</p> <p>Descend over SW. slope.</p>												
670	Dry creek bed, drains S. 15° E., asc. over broken NE. slope.												
765	Dirt road, 10 ft. wide, bears N. 30° W. and S. 30° E.												
1321.21	<p>The standard 1/4 sec. cor. of sec. 36, reestablished by C. E. Redfield in 1917. There is no remaining evidence of the prior corner; therefore, this position is accepted as the corner, monumented with an iron post, 2 ins. diam., firmly set, projecting 21 ins. above ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="border-collapse: collapse; margin: auto;"> <tr> <td style="padding: 0 10px;">1/4</td> <td style="padding: 0 10px;">S</td> <td style="padding: 0 10px;">36</td> </tr> <tr> <td style="border-right: 1px solid black; padding: 0 5px;">T 1 N</td> <td style="padding: 0 5px;"> </td> <td style="padding: 0 10px;">R 33 E</td> </tr> <tr> <td colspan="3" style="border-top: 1px solid black; text-align: center; padding-top: 5px;">BASE LINE</td> </tr> <tr> <td colspan="3" style="text-align: center; padding-top: 5px;">T 1 S</td> </tr> </table> </div> <p>from which new bearing trees</p> <p style="padding-left: 40px;">A pine, 15 ins. diam., bears N. 14¼° E., 126.6 ft. dist., mkd. 1/4 S36 SC BT.</p> <p style="padding-left: 40px;">A pine, 22 ins. diam., bears N. 58¼° W., 66.6 ft. dist., mkd. 1/4 S36 SC BT.</p>	1/4	S	36	T 1 N		R 33 E	BASE LINE			T 1 S		
1/4	S	36											
T 1 N		R 33 E											
BASE LINE													
T 1 S													

Dependent Resurvey of a Portion of the
Willamette Base Line Through R. 33 E.,
Willamette Meridian, Oregon

FEET	
	<p>The corner is located S., 4 ft. dist., from a barbed wire fence extending E. and W.</p> <hr/> <p>S. 89° 49' 08" W., beginning new measurement.</p> <p>Ascend over NE. slope.</p>
264.14	<p>The closing corner of secs. 1 and 2, reestablished by Redfield in 1917 and is accepted as marking the base line, hereinafter described.</p> <hr/> <p>S. 89° 49' 08" W., beginning new measurement.</p> <p>Ascend over broken NE. slope, over open grass land with scattered brush.</p>
1057.46	<p>The standard W 1/16 sec. cor. of sec. 36, established by C. E. Redfield in 1917, and is accepted as the corner; monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>1/16 14 - S36 T 1 N R 33 E</p> <hr/> <p>BASE LINE T 1 S</p> </div> <p>No accessories available.</p>
	<p>The corner is located S., 5 ft. dist., from a barbed wire fence extending E. and W.</p> <hr/> <p>S. 89° 55' 36" W., beginning new measurement.</p> <p>Ascend over broken NE. slope.</p>
267.35	<p>Point for the E 1/16 sec. cor. of sec. 2, at proportionate distance. (The monument established by C. E. Redfield in 1917 was found lying loose on the ground nearby and the original position could not be determined.)</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 18 ins. in the ground, and in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p>

Dependent Resurvey of a Portion of the
Willamette Base Line Through R. 33 E.,
Willamette Meridian, Oregon

FEET											
	<div style="text-align: center;"> <hr style="width: 10%; margin: 0 auto;"/> <p>E 1/16 S 2 1999</p> </div> <p>No accessories available.</p> <p>Deposit a magnet in a white plastic case at the base of, and bury the original iron post set by Redfield alongside of the stainless steel post.</p> <p>The corner is located S., 3 ft. dist., from a barbed wire fence extending E. and W.</p> <p>Ascend over broken E. slope.</p>										
1322.88	<p>The standard cor. of secs. 35 and 36, perpetuated by C. E. Redfield in 1917, monumented with an iron post, 2 ins. diam., loosely set, with brass cap mkd.</p> <div style="text-align: center;"> <table border="0"> <tr> <td>T 1 N</td> <td>R 33 E</td> </tr> <tr> <td>S 35</td> <td>S 36</td> </tr> <tr> <td colspan="2"><hr style="width: 50%; margin: 0 auto;"/></td> </tr> <tr> <td>BASE</td> <td>LINE</td> </tr> <tr> <td>T 1 S</td> <td>R 33 E</td> </tr> </table> </div> <p>No accessories available.</p> <p>Reset the iron post, 3 ins. in the ground, to solid rock, and in a mound of stone, 5 ft. base, 2½ ft. high, around the iron post.</p> <p>The corner is located in a barbed wire fence, extending E. and W.</p>	T 1 N	R 33 E	S 35	S 36	<hr style="width: 50%; margin: 0 auto;"/>		BASE	LINE	T 1 S	R 33 E
T 1 N	R 33 E										
S 35	S 36										
<hr style="width: 50%; margin: 0 auto;"/>											
BASE	LINE										
T 1 S	R 33 E										
	<p>N. 89° 42' 55" W., on the S. bdy. of sec. 35.</p> <p>Across top of spur, over open grass land.</p>										
45	<p>Spur, slopes S. 15° W.; desc. over broken W. slope.</p>										
269.27	<p>The 1/4 sec. cor. of sec. 2 only, T. 1 S., R. 33 E., established by C. E. Redfield in 1917, and is accepted as the corner; monumented with an iron post, 2 ins. diam., loosely set, with brass cap mkd.</p> <div style="text-align: center;"> <table border="0"> <tr> <td>T 1 N</td> <td>R 33 E</td> </tr> <tr> <td colspan="2">BASE LINE</td> </tr> <tr> <td colspan="2"><hr style="width: 50%; margin: 0 auto;"/></td> </tr> <tr> <td>1/4</td> <td>S 2</td> </tr> <tr> <td>T 1 S</td> <td>R 33 E</td> </tr> </table> </div>	T 1 N	R 33 E	BASE LINE		<hr style="width: 50%; margin: 0 auto;"/>		1/4	S 2	T 1 S	R 33 E
T 1 N	R 33 E										
BASE LINE											
<hr style="width: 50%; margin: 0 auto;"/>											
1/4	S 2										
T 1 S	R 33 E										

Dependent Resurvey of a Portion of the
Willamette Base Line Through R. 33 E.,
Willamette Meridian, Oregon

FEET																
	<p>No accessories available.</p> <p>Reset the iron post on solid rock, supported in a mound of stone, 3½ ft. base, 2 ft. high.</p> <p>The corner is located N., 1 ft. dist., from a fence corner, with barbed wire fences extending E. and S.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 89° 50' 30" W., beginning new measurement.</p> <p>Descend over broken W. slope.</p>															
775	<p>Ravine, drains N. 80° E., continue desc. over broken W. slope.</p>															
1055.72	<p>The standard E 1/16 sec. cor. of sec. 35, established by C. E. Redfield in 1917, and is accepted as the corner; monumented with an iron post, 2 ins. diam., leaning downhill, with the base firmly set, 8 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="margin: auto;"> <tr> <td>T 1 N</td> <td>R 33 E</td> <td></td> </tr> <tr> <td>13 -</td> <td>S 35</td> <td><u>1</u></td> </tr> <tr> <td colspan="2"></td> <td>16</td> </tr> <tr> <td colspan="3">BASE LINE</td> </tr> <tr> <td>T 1 S</td> <td>R 33 E</td> <td></td> </tr> </table> </div>	T 1 N	R 33 E		13 -	S 35	<u>1</u>			16	BASE LINE			T 1 S	R 33 E	
T 1 N	R 33 E															
13 -	S 35	<u>1</u>														
		16														
BASE LINE																
T 1 S	R 33 E															
	<p>No accessories available.</p> <p>Reset the iron post, 36 ins. long, 30 ins. in the ground, and in a collar of stone, 3 ft. diam., to top.</p> <p>The corner is located S., 1 ft. dist., from a lone wooden post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 89° 53' 51" W., beginning new measurement.</p> <p>Descend over broken W. slope.</p>															
263.82	<p>The W 1/16 sec. cor. of sec. 2 only, T. 1 S., R. 33 E., established by C. E. Redfield in 1917, and is accepted as the corner; monumented with an iron post, 2 ins. diam., leaning downhill, with base firmly set, 8 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table style="margin: auto;"> <tr> <td>T 1 N</td> <td>R 33 E</td> <td></td> </tr> <tr> <td colspan="3">BASE LINE</td> </tr> <tr> <td>9 -</td> <td>S 2</td> <td><u>1</u></td> </tr> <tr> <td colspan="2"></td> <td>16</td> </tr> <tr> <td>T 1 S</td> <td>R 33 E</td> <td></td> </tr> </table> </div>	T 1 N	R 33 E		BASE LINE			9 -	S 2	<u>1</u>			16	T 1 S	R 33 E	
T 1 N	R 33 E															
BASE LINE																
9 -	S 2	<u>1</u>														
		16														
T 1 S	R 33 E															

Dependent Resurvey of a Portion of the
Willamette Base Line Through R. 33 E.,
Willamette Meridian, Oregon

FEET											
	No accessories available.										
	Reset the iron post, 36 ins. long, 34 ins. in the ground.										
	The corner is located NW., 1 ft. dist., from a lone wooden post.										

	S. 89° 48' 51" W., beginning new measurement.										
	Descend over broken W. slope.										
505	Ravine, drains S. 40° W.; asc. over broken SE. slope.										
860	Spur, slopes S.; desc. over SW. slope.										
1061.52	The standard 1/4 sec. cor. of sec. 35, reestablished by C. E. Redfield in 1917. There is no remaining evidence of the prior corner; therefore, this position is accepted as the corner, monumented with an iron post, 2 ins. diam., firmly set, projecting 15 ins. above ground, with brass cap mkd.										
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>T 1 N</td> <td>R 33 E</td> </tr> <tr> <td>1/4</td> <td> S 35</td> </tr> <tr> <td colspan="2" style="text-align: center;">_____</td> </tr> <tr> <td colspan="2" style="text-align: center;">BASE LINE</td> </tr> <tr> <td>T 1 S</td> <td>R 33 E</td> </tr> </table>	T 1 N	R 33 E	1/4	S 35	_____		BASE LINE		T 1 S	R 33 E
T 1 N	R 33 E										
1/4	S 35										

BASE LINE											
T 1 S	R 33 E										
	No accessories available.										
	Build a mound of stone, 3½ ft. base, to top, around the iron post.										

	N. 89° 49' 23" W., beginning new measurement.										
	Descend over SW. slope.										
40	Ravine, drains S. 10° E., asc. over SE. slope.										
265.32	The closing cor. of secs. 2 and 3, T. 1 S., R. 33 E., reestablished by C. E. Redfield in 1917. There is no remaining evidence of the original corner; therefore, this position is accepted as the corner and marking the base line, monumented with an iron post, 2 ins. diam., firmly set, projecting 14 ins. above ground, with brass cap mkd.										

Dependent Resurvey of a Portion of the
Willamette Base Line Through R. 33 E.,
Willamette Meridian, Oregon

FEET

T 1 N R 33 E

BASE LINE

S 3 | S 2

C C

T 1 S R 33 E

No accessories available.

Dependent Resurvey of a Portion of the East Boundary,
T. 1 S., R. 33 E., Willamette Meridian, Oregon

(Restoring the survey by James P. Currin and James E. Noland
in 1887 and the resurveys by James P. Currin in 1889 and
L.E. Wilkes in 1917)

From the cor. of secs. 1, 6, 7 and 12, perpetuated by David L.
Haddock, Registered Professional Land Surveyor No. 852, in 1996,
recorded in the Umatilla County Surveyors Office, map file
96-112-C, monumented with an iron post, 1½ ins. diam., firmly set,
projecting 6 ins. above ground, with brass cap mkd.

T 1 S
R 33 E R 34 E
S 1 | S 6
S 12 | S 7
1996
PLS 852

from which the remains of an original bearing tree

A pine stump, 12 ins. diam., bears N. 21¼° E., 61.4 ft.
dist., with no marks visible. (Record, N. 25° E.)

and new bearing trees

A pine, 17 ins. diam., bears N. 10¼° E., 161.3 ft. dist.,
mkd. T1S R34E S6 BT.

A pine, 21 ins. diam., bears N. 9° W., 165.7 ft. dist., mkd.
T1S R33E S1 BT.

The corner is located N., 18 ft. dist., from a rock road, 10 ft.
wide, bears E. and W. and N., 36 ft. dist., from a barbed wire
fence extending E. and W.

Dependent Resurvey of a Portion of the East Boundary,
T. 1 S., R. 33 E., Willamette Meridian, Oregon

FEET	
	N. 1° 46' 51" E., bet. secs. 1 and 6, on the E. bdy. of the Tp. Descend over NW. slope, through scattered trees and moderate brush.
335	Dirt road, 10 ft. wide, bears N. 85° W. and S. 85° E.
405	Ravine, drains S. 85° W., asc. over broken S. slope, over open grass land.
790	Spur, slopes S. 55° W.; desc. over NW. slope.
1265	Ravine, drains S. 40° W., continue asc. over S. slope.
1329.20	Point for the S 1/16 sec. cor. of secs. 1 and 6, at proportionate distance. (The monument established by C. E. Redfield in 1917 was found lying loose on the ground nearby and the original position could not be determined.) Set a stainless steel post, 28 ins. long, 2½ ins. diam., 2 ins. in the ground, to solid rock, and in a mound of stone, 5½ ft. base, to top, with brass cap mkd. <div style="text-align: center;"> S 1/16 S 1 S 6 1999 </div> No accessories available. Deposit a magnet in a white plastic case at the base of, and bury the iron post set by Redfield alongside of the stainless steel post. Ascend over S. slope.
2310	Ridge, bears N. 50° E. and S. 50° W.; desc. over NW. slope.
2657.08	The witness cor. to the 1/4 sec. cor. of secs. 1 and 6, monumented with an iron post, 2 ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd. <div style="text-align: center;"> W C 1/4 S 1 S 6 1917 </div> and a new bearing tree

Dependent Resurvey of a Portion of the East Boundary,
T. 1 S., R. 33 E., Willamette Meridian, Oregon

FEET	
	<p>A pine, 27 ins. diam., bears N. $32\frac{1}{2}^{\circ}$ E., 186.5 ft. dist., mkd X BT.</p>
	<p>No other accessory available.</p>
2658.40	<p>True point for the 1/4 sec. cor. of secs. 1 and 6, determined at record distance and on a projected bearing from the witness cor. The remains of an original bearing tree; a down and partially decayed tree, size, species and original location indeterminate, with fragmentary scribe marks visible on open blaze, was found near the corner point.</p>
	<hr/> <p>N. $1^{\circ} 34' 39''$ W., beginning new measurement.</p>
	<p>Descend over NW. slope, changing to asc. over SE. slope.</p>
3074.24	<p>The closing cor. of secs. 1 and 6, Tps. 1 S., Rs. 33 and 34 E., monumented with an iron post, 2 ins. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd.</p>
	<p style="text-align: center;"> T 1 N R 34 E S 31 <hr style="width: 10%; margin: 0 auto;"/> S S R 33 E R 34 E T 1 S 1917 </p>
	<p>from which accessories mkd. by William R. Wells, Registered Professional Land Surveyor No. 1106, in 1994, recorded in the Umatilla County Surveyors Office, Corner Restoration Form No. 95-16-C</p>
	<p>A rock outcropping, bears S. $28\frac{1}{4}^{\circ}$ E., 7.2 ft. dist., mkd. X BO.</p>
	<p>A rock outcropping, bears S. $20\frac{1}{4}^{\circ}$ E., 21.7 ft. dist., mkd. X BO.</p>
	<p>A rock outcropping, bears S. 17° W., 15.6 ft. dist., mkd. X BO.</p>
	<p>A rock outcropping, bears S. $41\frac{1}{2}^{\circ}$ W., 13.7 ft. dist., mkd. X BO.</p>
	<p>The corner is located S., 10 ft. dist., from a barbed wire fence extending E. and W.</p>

**Dependent Resurvey of a Portion of the East Boundary,
T. 1 S., R. 33 E., Willamette Meridian, Oregon**

FEET	
	<p>From this point, the standard 1/4 sec. cor. of sec. 31, bears S. 89° 58' 26" E., 472.58 ft. dist., hereinbefore described.</p> <hr/> <p style="text-align: center;">Dependent Resurvey of a Portion of the Subdivisional Lines, T. 1 S., R. 33 E., Willamette Meridian, Oregon</p> <hr/> <p style="text-align: center;">(Restoring the survey by James P. Currin and James E. Noland in 1887, the resurveys by James P. Currin in 1889 and L. E. Wilkes in 1917 and the corrective resurvey by Thomas D. Daley in 1919)</p> <hr/> <p>From the cor. of secs. 1, 6, 7 and 12, on the E. bdy. of the Tp. S. 89° 51' 28" W., bet. secs. 1 and 12.</p> <p>Descend over broken W. slope, over open grass land.</p>
709.89	A lot cor., established by David L. Haddock, Registered Professional Land Surveyor No. 852, in 1996, recorded in the Umatilla County Surveyors Office, map file 96-128-B, monumented with an iron rod, 5/8 in. diam., firmly set, projecting 12 ins. above ground, and in a collar of stone, 2 ft. diam., with red plastic cap mkd. ORLS 0852 WAL5 13922.
810	McKay Creek Road, graveled, 20 ft. wide, bears N. 50° W. and S. 30° E., across nearly level ground, through scattered trees and brush.
918.49	A lot cor., established by David L. Haddock, Registered Professional Land Surveyor No. 852, in 1996, recorded in the Umatilla County Surveyors Office, map file 96-128-B, monumented with an iron rod, 5/8 in. diam., firmly set, projecting 5 ins. above ground, with red plastic cap mkd. ORLS 0852 WAL5 13922.
1309.04	<p>Point for the E 1/16 sec. cor. of secs. 1 and 12.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, and in a collar of stone, 2 ft. diam., to top, with brass cap mkd.</p> <p style="text-align: center;"> S 1 E 1/16 ——— S 12 1999 </p> <p>from which a new bearing tree</p>

Subdivision of Section 1,
T. 1 S., R. 33 E., Willamette Meridian, Oregon

FEET	
460	McKay Creek, 25 ft. wide, course N. 80° W.; asc. over S. slope.
1312.92	The center W 1/16 sec. cor. of sec. 1.
	<hr/>
	From the center S 1/16 sec. cor. of sec. 1.
	N. 89° 13' 21" W., on the E. and W. center line of the SW¼ of sec. 1.
	Across nearly level ground, through scattered trees and dense undergrowth.
910	McKay Creek Road, graveled, 25 ft. wide, bears N. 75° W. and S. 75° E.
1331.43	The SW 1/16 sec. cor. of sec. 1.
	<hr/>
	S. 89° 48' 21" W., beginning new measurement.
	Across nearly level ground.
1015	Begin asc. over NE. slope.
1337.17	The S 1/16 sec. cor. of secs. 1 and 2.
	<hr/>
	GENERAL DESCRIPTION
	<p>The lands included in the foregoing resurvey are located in hilly country on the Umatilla Indian Reservation, approximately 14 miles southeasterly of Pendleton, Oregon. The elevation ranges from approximately 1800 feet above sea level near McKay Creek on the east boundary of section 1, to about 3000 feet above sea level near the standard corner of sections 35 and 36.</p> <p>The area is drained by McKay Creek and the North Fork of McKay Creek, with other small and seasonal drainages throughout. The timber consists mainly of pine and cottonwood trees. The undergrowth is mainly hawthorn brush.</p> <p>Access is gained via South Market Road, Best Road, Motanic Road, Sumac Road, McKay Creek Road and the North Fork McKay Creek Road, with other dirt and unimproved roads branching from them into the area.</p>

T. 1 S., R. 33 E., Willamette Meridian, Oregon

FEET

The mean magnetic declination, as obtained from United States Geological Survey quadrangle map "CABBAGE HILL, OREG.", 1966 edition, with photo revisions in 1978, is $19\frac{1}{2}^{\circ}$ East.

CERTIFICATE OF SURVEY

I, Bryan S. Seibold, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 19th day of May, 1999, I have dependently resurveyed a portion of the Willamette Base Line through ranges 33 and 34 east, east boundary and subdivisional lines, and subdivided section 1, township 1 south, range 33 east, of the Willamette Meridian, in the State of Oregon, which are represented in the foregoing field notes as having been executed by me and under my direction. Said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

MARCH 11, 2002
(Date)

Bryan S. Seibold
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Portland, Oregon

The foregoing field notes of the dependent resurvey of a portion of the Willamette Base Line through ranges 33 and 34 east, east boundary and subdivisional lines, and the subdivision of section 1, township 1 south, range 33 east, Willamette Meridian, Oregon, executed by Bryan S. Seibold, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

August 5, 2002
(Date)

Marc L. Thomas acting
(Chief Cadastral Surveyor of Oregon)

~~CERTIFICATE OF TRANSCRIPT~~

~~I CERTIFY That the foregoing transcript of the field notes of the above described surveys in T. 1 S., R. 33 E., Willamette Meridian, Oregon, is a true copy of the original field notes.~~

~~_____~~
(Date)

~~_____~~
(Chief Cadastral Surveyor of Oregon)