

ORIGINAL

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,

SUBDIVISIONAL LINES AND EAST-AND-WEST

CENTER LINE OF SECTIONS 11 AND 12,

AND THE SUBDIVISION OF SECTIONS 1 AND 11

TOWNSHIP 1 NORTH, RANGE 34 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. 1913,

and Assignment Instructions dated May 19, 1999

***Survey commenced June 30, 1999******Survey completed September 11, 2002***



**INDEX DIAGRAM**

TOWNSHIP 01 NORTH

RANGE 34 EAST

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

Subdivision of Section 1 ..... Pages 29-33  
 Dependent Resurvey of the East-and-West Center Line of  
 Section 11 ..... Pages 33-36  
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 Section 12 ..... Pages 37-39



## T. 1 N., R. 34 E., Willamette Meridian, Oregon

FEET

The following field notes are those of the dependent resurvey of a portion of the east and north boundaries, subdivisional lines and the east-and-west center line of sections 11 and 12, and the subdivision of sections 1 and 11, township 1 north, range 34 east, Willamette Meridian, Oregon.

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

In 1871, Zenas F. Moody, U.S. Deputy Surveyor, surveyed the north and east boundaries and a portion of the subdivisional lines.

In 1887, James P. Currin and James E. Noland, U.S. Deputy Surveyors, surveyed the north and east boundaries and subdivisional lines. This survey superceded the survey by Moody.

In 1887, James P. Currin and James E. Noland, U.S. Deputy Surveyors, surveyed the exterior boundaries of the diminished Umatilla Indian Reservation. During this survey the E. and W. center line of sections 11 and 12 were surveyed and the center  $\frac{1}{4}$  section corners of these sections were established.

In 1889, James P. Currin, U.S. Deputy Surveyor, surveyed the boundary of the diminished Umatilla Indian Reservation.

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 1917-19, C.E. Redfield, surveyor for the U.S. Indian Service, dependently resurveyed a portion of the north and east boundaries and subdivisional lines. Redfield also executed an allotment survey/subdivision of certain sections. The Redfield monuments were accepted in this survey and used to control the restoration of lost corners. The field books for the Redfield surveys are on file at the Bureau of Indian Affairs, Umatilla Agency Office, in Pendleton, Oregon.

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. 1913, 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



T. 1 N., R. 34 E., Willamette Meridian, Oregon

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

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 (WinCMM), computer software that incorporates a least squares adjustment routine. 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. 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 otherwise noted in the corner description.

The geographic position (NAD 1983 (98)) of the corner of section 2, 3, 34, and 35, on the north boundary of the township, as determined by a tie to U.S. Coast and Geodetic Survey triangulation station BIG HILL RESET, is as follows:

Latitude: 45° 36' 07.65" N. Longitude: 118° 32' 17.00" W.

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**Dependent Resurvey of a Portion of the East Boundary,  
T. 1 N., R. 34 E., Willamette Meridian, Oregon**

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(Restoring the surveys by James P. Currin and  
James E. Noland in 1887, L.E. Wilkes in 1917,  
and C.E. Redfield in 1917-19)

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Beginning at the cor. of secs. 7, 12, 13, and 18, monumented with an iron post, 2 ins. diam., loosely set in a scattered mound of stone, 3 ft. diam., projecting 24 ins. above ground, with brass cap mkd. T1N R34E R35E S12 S7 S13 S18 1917, from which bearing trees mkd. by Wilkes

A pine, 37 ins. diam., bears N. 76¾° E., 197.6 ft. dist., with healed double blazes. (Record, N. 81½° E., 182.8 ft.)



Dependent Resurvey of a Portion of the East Boundary,  
T. 1 N., R. 34 E., Willamette Meridian, Oregon

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1357.20

A fir, 28 ins. diam., bears S. 25 $\frac{3}{4}$ ° E., 47.6 ft. dist., with healed double blazes. (Record, S. 13 $\frac{1}{2}$ ° E., 46.9 ft. dist.)

A pine, 33 ins. diam., bears S. 6 $\frac{1}{2}$ ° W., 47.4 ft. dist., with healed double blazes. (Record, S. 16 $\frac{1}{2}$ ° W., 50.8 ft. dist.)

A pine, 32 ins. diam., bears N. 76 $\frac{1}{4}$ ° W., 111.5 ft. dist., with healed double blazes. (Record, N. 78 $\frac{1}{2}$ ° W., 119.5 ft. dist.)

At the corner point

Cement an aluminum rod, 28 ins. long,  $\frac{3}{4}$  in. diam., 16 ins. in the ground, the bottom 8 ins. in a drill hole, in a collar of stone, with aluminum cap mkd.

	T 1 N	
R 34 E		R 35 E
S 12		S 7
<hr/>		
S 13		S 18
2002		

Buried the iron post set by Wilkes alongside of the aluminum rod.

N. 1° 08' 05" E., bet. secs. 7 and 12, on the E. bdy. of the Tp.

Descend over NW. slope, changing to asc. over SE. slope, through moderate timber and undergrowth.

The S 1/16 sec. cor. of secs. 7 and 12, established by C.E. Redfield, and is accepted as the cor., monumented with an iron post, 1 $\frac{1}{2}$  ins. diam., loosely set in a scattered mound of stone, 2 $\frac{1}{2}$  ft. diam., projecting 26 ins. above ground, with brass cap mkd.

1	S 12		S 7
<hr/>			
16	12		15
<hr/>			
	R 34 E		R 35 E
T 1 N			
1919			

from which new bearing trees



Dependent Resurvey of a Portion of the East Boundary,  
T. 1 N., R. 34 E., Willamette Meridian, Oregon

FEET																			
	<p>A fir, 7 ins. diam., bears N. 49½° E., 28.4 ft. dist., mkd. S1/16 S7 BT (No Mag. Nail).</p> <p>A fir, 19 ins. diam., bears S. 88° W., 21.8 ft. dist., mkd. S1/16 S12 BT (No Mag. Nail).</p> <p>Rebuild the mound of stone, 4 ft. base, to 6 ins. below top of iron post.</p> <hr/> <p>N. 0° 52' 43" E., beginning new measurement.</p> <p>Ascend over SE. slope.</p>																		
1359.59	<p>The 1/4 sec. cor. of secs. 7 and 12, perpetuated by C.E. Redfield, from original evidence no longer visible, monumented with an iron post, 1½ ins. diam., firmly set in a mound of stone, 3½ ft. base, 1½ ft. high, with brass cap mkd.</p> <div style="text-align: center;"> <table border="0"> <tr> <td>S 12</td> <td> </td> <td>S 7</td> </tr> <tr> <td colspan="3"><hr/></td> </tr> <tr> <td>1/4</td> <td> </td> <td>1/4</td> </tr> <tr> <td>R 34 E</td> <td></td> <td>R 35 E</td> </tr> <tr> <td colspan="3">T 1 N</td> </tr> <tr> <td colspan="3">1919</td> </tr> </table> </div> <p>from which new bearing trees</p> <p>A pine, 13 ins. diam., bears S. 25¼° E., 108.4 ft. dist., mkd. 1/4 S7 BT.</p> <p>A pine, 16 ins. diam., bears N. 34° W., 124.1 ft. dist., mkd. 1/4 S12 BT.</p> <hr/> <p>N. 0° 51' 00" W., beginning new measurement.</p> <p>Descend over E. slope, changing to asc. over SW. slope.</p>	S 12		S 7	<hr/>			1/4		1/4	R 34 E		R 35 E	T 1 N			1919		
S 12		S 7																	
<hr/>																			
1/4		1/4																	
R 34 E		R 35 E																	
T 1 N																			
1919																			
1313.84	<p>Point for the N 1/16 sec. cor. of secs. 7 and 12. There is no remaining evidence of the cor. established by Redfield.</p> <p>Cement an aluminum rod, 24 ins. long, ¼ in. diam., 14 ins. in the ground, the bottom 8 ins. in a drill hole, in a collar of stone, with aluminum cap mkd.</p>																		



Dependent Resurvey of a Portion of the East Boundary,  
T. 1 N., R. 34 E., Willamette Meridian, Oregon

FEET																			
	<table border="0"> <tr><td></td><td>N 1/16</td><td></td></tr> <tr><td>S 12</td><td> </td><td>S 7</td></tr> <tr><td></td><td>2002</td><td></td></tr> </table>		N 1/16		S 12		S 7		2002										
	N 1/16																		
S 12		S 7																	
	2002																		
	<p>from which</p> <p>A pine, 13 ins. diam., bears N. 74½° W., 180.1 ft. dist., mkd. N1/16 S12 BT.</p> <p>Corner is located W., 50 ft. dist. from an underground gas line, bears N. 25° W. and S. 25° E.; and W., 70 ft. dist. from a dirt road, 10 ft. wide, bears N. 20° W. and S. 20° E.</p> <p>Ascend over gradual SW. slope.</p>																		
145	Underground gas line, bears N. 25° W. and S. 25° E.																		
2627.68	The cor. of secs. 1, 6, 7, and 12, perpetuated by C.E. Redfield, monumented with an iron post, 1½ ins. diam., firmly set, projecting 12 ins. above ground, with brass cap mkd.																		
	<table border="0"> <tr><td>S 1</td><td> </td><td>S 6</td></tr> <tr><td colspan="3"><hr/></td></tr> <tr><td>S 12</td><td> </td><td>S 7</td></tr> <tr><td>R 34 E</td><td></td><td>R 35 E</td></tr> <tr><td colspan="3">T 1 N</td></tr> <tr><td colspan="3">1919</td></tr> </table>	S 1		S 6	<hr/>			S 12		S 7	R 34 E		R 35 E	T 1 N			1919		
S 1		S 6																	
<hr/>																			
S 12		S 7																	
R 34 E		R 35 E																	
T 1 N																			
1919																			
	<p>from which the remains of the original bearing trees</p> <p>A partially decayed sawed pine stump, 23 ins. diam., bears N. 66¾° E., 7.8 ft. dist., with no marks visible. (Record, N. 50° E., 6.6 ft.)</p> <p>A decayed stump, size and species indeterminate, bears S. 47¼° E., 36.6 ft. dist., with no marks visible. (Record, pine, S. 52° E., 35.6 ft.)</p> <p>A pine, 28 ins. diam., bears N. 82° W., 25.1 ft. dist., with fragmentary scribe marks visible on opened blaze.</p> <p>and new bearing trees</p> <p>A pine, 16 ins. diam., bears N. 64¼° E., 32.7 ft. dist., mkd. T1N R35E S6 BT.</p>																		



Dependent Resurvey of a Portion of the East Boundary,  
T. 1 N., R. 34 E., Willamette Meridian, Oregon

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A pine, 17 ins. diam., bears S.  $64\frac{3}{4}^{\circ}$  E., 46.0 ft. dist.,  
mkd. T1N R35E S7 BT.

A pine, 18 ins. diam., bears S.  $16\frac{1}{4}^{\circ}$  W., 13.4 ft. dist.,  
mkd. T1N R34E S12 BT.

Corner is located at a fence corner, with barbed wire fences  
extending N. and E.; and W., 16 ft. dist. from a dirt road,  
12 ft. wide, bears N. and S.

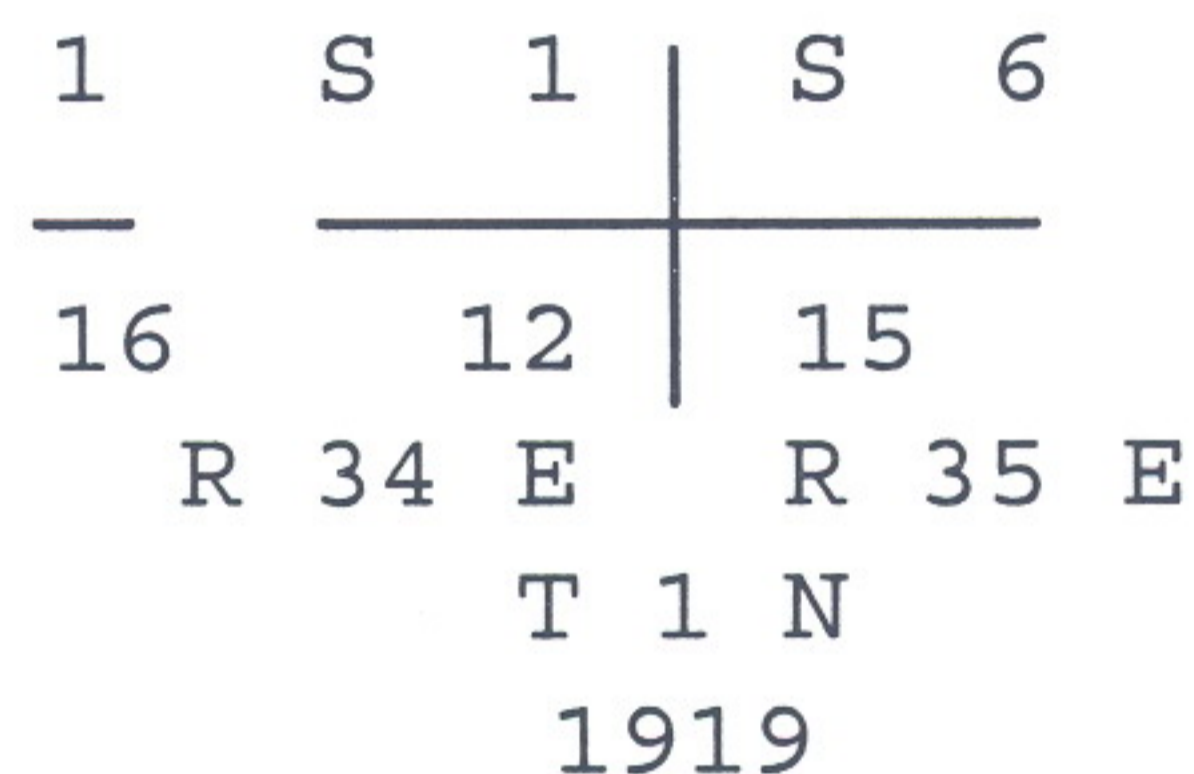
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N.  $0^{\circ} 23' 30''$  E., bet. secs. 1 and 6, on the E. bdy. of the Tp.

Over nearly level ground, through scattered timber and  
undergrowth.

1323.84

The S 1/16 sec. cor. of secs. 1 and 6, established by C.E.  
Redfield, and is accepted as the cor., monumented with an iron  
post,  $1\frac{1}{2}$  ins. diam., firmly set in a scattered mound of stone,  
 $2\frac{1}{2}$  ft. diam., projecting 24 ins. above ground, with brass cap  
mkd.



from which new bearing trees

A pine, 12 ins. diam., bears S.  $8^{\circ}$  E., 77.6 ft. dist.,  
mkd. S1/16 S6 BT.

A pine, 17 ins. diam., bears N.  $56\frac{1}{4}^{\circ}$  W., 95.2 ft. dist.,  
mkd. S1/16 S1 BT.

Rebuild the mound of stone, 4 ft. base, to top of iron post.

Corner is located S., 3 ft. dist. from a power line, two strand,  
bears E. and W. and at corner of barbed wire fences extending  
N., E., and S.

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N.  $0^{\circ} 24' 07''$  E., beginning new measurement.

Ascend over gradual N. slope.



Dependent Resurvey of a Portion of the East Boundary,  
T. 1 N., R. 34 E., Willamette Meridian, Oregon

FEET																			
380	Power line, three wire, bears N. 60° W. and S. 60° E.																		
1215	Asphalt road, 26 ft. wide, bears N. 75° E. and W., in a curve.																		
1326.50	<p>The 1/4 sec. cor. of secs. 1 and 6, perpetuated by C.E. Redfield, from original evidence no longer visible, monumented with an iron post, 1½ ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <table border="0"> <tr> <td>S 1</td> <td> </td> <td>S 6</td> </tr> <tr> <td colspan="3"><hr style="width: 100%;"/></td> </tr> <tr> <td>1/4</td> <td> </td> <td>1/4</td> </tr> <tr> <td>R 34 E</td> <td></td> <td>R 35 E</td> </tr> <tr> <td colspan="3">T 1 N</td> </tr> <tr> <td colspan="3">1919</td> </tr> </table> </div> <p>from which new bearing trees</p> <p style="margin-left: 40px;">A pine, 22 ins. diam., bears S. 22¼° E., 35.8 ft. dist., mkd. 1/4 S6 BT.</p> <p style="margin-left: 40px;">A pine, 17 ins. diam., bears S. 41¼° W., 25.3 ft. dist., mkd. 1/4 S1 BT.</p> <p>Build a mound of stone, 3 ft. base, to top of iron post.</p> <hr style="width: 30%; margin: 10px auto;"/> <p>N. 0° 29' 04" E., beginning new measurement.</p> <p>Descend over gradual N. slope.</p>	S 1		S 6	<hr style="width: 100%;"/>			1/4		1/4	R 34 E		R 35 E	T 1 N			1919		
S 1		S 6																	
<hr style="width: 100%;"/>																			
1/4		1/4																	
R 34 E		R 35 E																	
T 1 N																			
1919																			
1295	Center of the east bound lanes of Interstate Highway No. 84, asphalt surfaced, 40 ft. wide, bears N. 70° W. and S. 70° E.																		
1400	Center of the west bound lanes of Interstate Highway No. 84, asphalt surfaced, 40 ft. wide, bears N. 70° W. and S. 70° E.																		
1480	U.S. Highway No. 30, asphalt surfaced, 25 ft. wide, bears N. 70° W. and S. 70° E.																		
2245	Power line, four wire, bears N. 70° W. and S. 70° E.																		
2520	Creek, 4 ft. wide, course N. 35° W., asc. over SW. slope.																		
2658.88	The cor. of Tps. 1 and 2 N., Rs. 34 and 35 E., perpetuated by William R. Wells, Registered Professional Land Surveyor No. 1106, in 2001, recorded in the Umatilla County Surveyors office corner restoration form No. 01-170-R. The cor. point is occupied by the remains of the original cor. tree, a sawed,																		



**Dependent Resurvey of a Portion of the East Boundary,  
T. 1 N., R. 34 E., Willamette Meridian, Oregon**

FEET

partially decayed pine stump, 20 ins. diam., with fragmentary scribe marks visible on a portion of the cut trunk alongside, from which the remains of the original bearing trees

A partially decayed, sawed fir stump, 30 ins. diam., bears S.  $5\frac{3}{4}^{\circ}$  E., 114.0 ft. dist., with no marks visible.  
(Record, S.  $10^{\circ}$  E., 112.9 ft. dist.)

A decayed fir stump, size indeterminate, bears S.  $70^{\circ}$  W., 44.2 ft. dist., with no marks visible.

A partially burned, sawed pine stump, 29 ins. diam., bears N.  $55\frac{1}{2}^{\circ}$  W., 76.4 ft. dist., with no marks visible.  
(Record, N.  $60^{\circ}$  W., 73.9 ft. dist.)

and accessories set and marked by Wells

An iron rod,  $\frac{5}{8}$  in. diam., firmly set, projecting 2 ins. above ground for a reference monument, bears N.  $43^{\circ} 11' 44''$  E., 43.18 ft. dist., with plastic cap mkd. ORPLS 1106 WAPLS 17372. The reference monument is located in a barbed wire fence extending N.  $40^{\circ}$  E. and S.  $40^{\circ}$  W. and has a steel fence post set alongside.

An iron rod,  $\frac{5}{8}$  in. diam., firmly set, projecting 1 in. above ground for a reference monument, bears S.  $33^{\circ} 00' 52''$  E., 20.70 ft. dist., with plastic cap mkd. ORPLS 1106 WAPLS 17372. The reference monument has a steel fence post set alongside.

A fir, 16 ins. diam., bears S.  $42\frac{1}{4}^{\circ}$  W., 29.8 ft. dist., with scribe marks T1N R34E S1 BT visible on open blaze.

A pine, 16 ins. diam., bears N.  $10\frac{1}{4}^{\circ}$  W., 31.0 ft. dist., with scribe marks T2N R34E S36 BT visible on partially healed blaze.

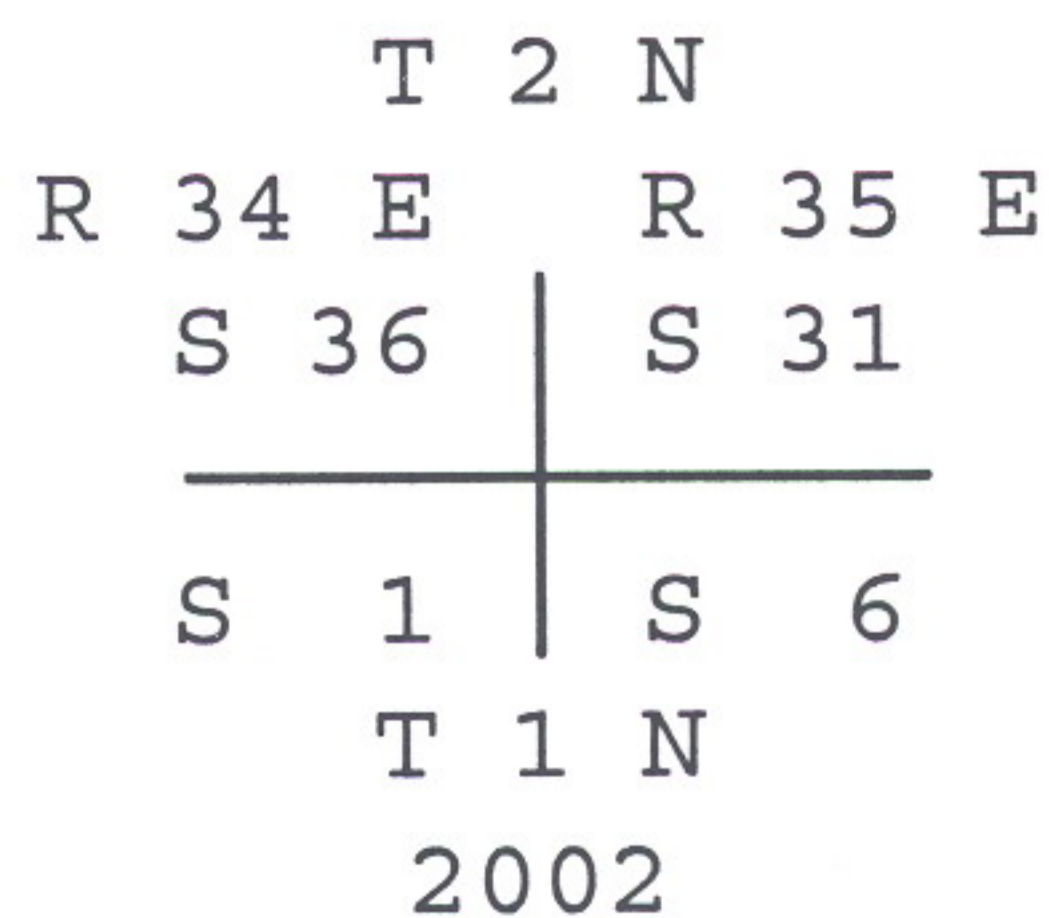
At the corner point

Drive an iron rod, 30 ins. long,  $\frac{5}{8}$  in. diam., 29 ins. through the center of the remains of the original cor. tree, with aluminum cap mkd.



**Dependent Resurvey of a Portion of the East Boundary,  
T. 1 N., R. 34 E., Willamette Meridian, Oregon**

FEET



From this point, the witness cor. to the cor. of Tps. 1 and 2 N., Rs. 34 and 35 E., established by C.E. Redfield and perpetuated by William R. Wells, Registered Professional Land Surveyor No. 1106, in 2001, bears N. 6° 00' 00" W., 2.00 ft. dist., monumented with an iron post, 1½ ins. diam., firmly set in a mound of stone, 3 ft. base, projecting 12 ins. above the mound, with brass cap mkd. WC T2N R34E R35E S36 S31 S1 S6 R34E R35E T1N WC N06W-2FT WC N06W-2FT and an arrow pointing to the true cor. position. The marks WC WC N06W 2 FT and an arrow were added to the brass cap by Wells. This point will now function as a reference monument.

Witness cor. is located at a fence corner, with barbed wire fences extending N. 40° E. and S.

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**Dependent Resurvey of a Portion of the North Boundary,  
T. 1 N., R. 34 E., Willamette Meridian, Oregon**

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From the cor. of Tps. 1 and 2 N., Rs. 34 and 35 E.

S. 89° 34' 49" W., bet. secs. 1 and 36, on the N. bdy. of the Tp.

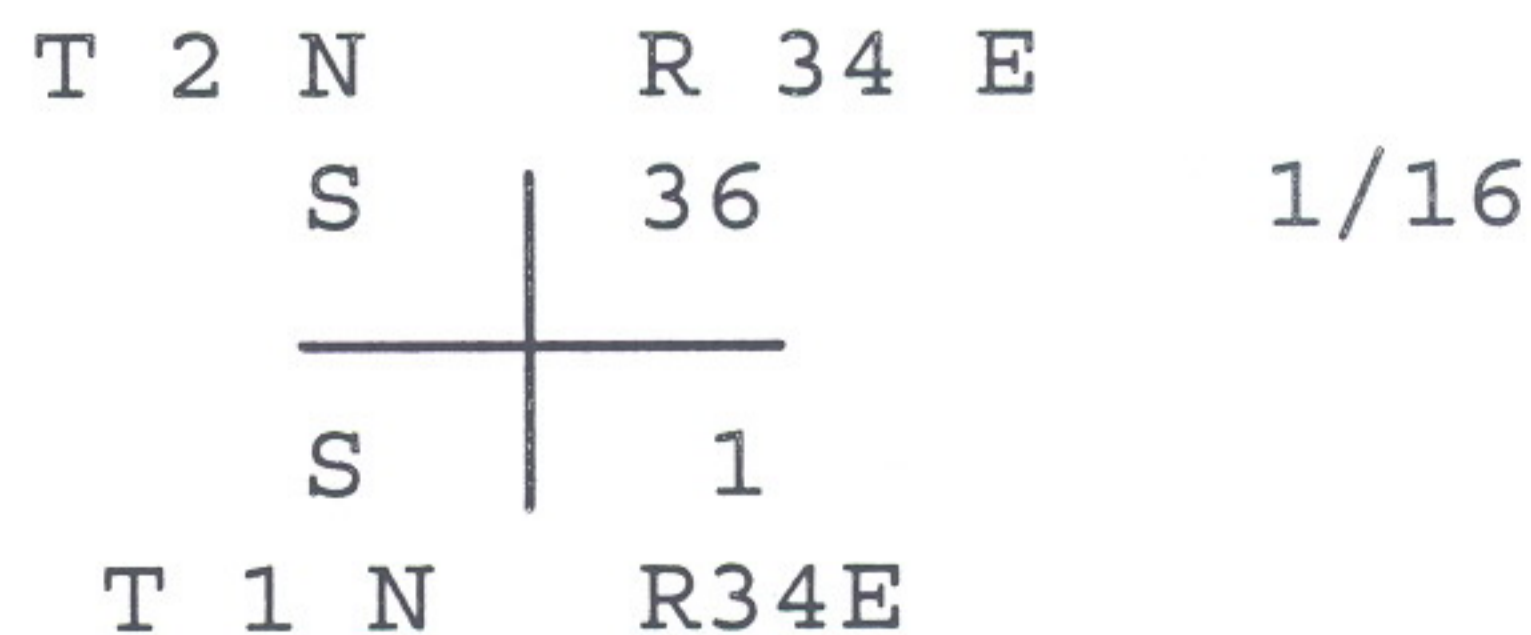
Descend over SW. slope, through moderate timber and undergrowth.

105

Creek, 5 ft. wide, course N. 35° W., asc. over NE. slope.

1320.23

The E 1/16 sec. cor. of secs. 1 and 36, established by C.E. Redfield, and is accepted as the cor., monumented with an iron post, 1½ ins. diam., firmly set in a mound of stone, 2½ ft. base, projecting 12 ins. above the mound, with brass cap mkd.





Dependent Resurvey of the East-and West  
Center Line of Section 12,  
T. 1 N., R. 34 E., Willamette Meridian, Oregon

FEET	Ascend over SE. slope.
1975	Spur, slopes S. 60° W., desc. over W. slope.
2674.14	The 1/4 sec. cor. of secs. 11 and 12.
<b>GENERAL DESCRIPTION</b>	
<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 2600 feet above sea level in section 11 near the North Fork of McKay Creek to about 3870 feet above sea level in section 2.</p> <p>The area is drained by North Fork McKay Creek, Deadman Pass Creek, and Buckaroo Creek with other small and seasonal drainages throughout. The timber consists mainly of pine, fir, and tamarack.</p> <p>Access is gained via Interstate Highway No. 84 and U.S. Highway No. 30, with other graveled, rock, dirt, and unimproved roads branching from them into the area.</p> <p>The mean magnetic declination, as obtained from United States Geological Survey quadrangle map "CABBAGE HILL, OREG." 1966 edition, with photo revisions in 1978, is 19½° East.</p>	



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
Ronald W. Scherler	Land Surveyor (Assisting)
Candice L. Flores	Land Surveyor (Student Trainee)
Ryan E. Hannon	Land Surveyor (Student Trainee)
Samuel R. Curtiss	Surveying Technician
Waverly K. Hayner	Surveying Technician
Larry G. Phillips	Surveying Technician
Todd L. Rosenbalm	Surveying Technician
Dustin L. Smith	Surveying Technician



## 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 east and north boundaries, subdivisional lines, and the east and west center line of sections 11 and 12, and subdivided sections 1 and 11, township 1 north, range 34 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.

FEBRUARY 24, 2004  
(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 east and north boundaries, subdivisional lines, and east-and-west center line of sections 11 and 12, and the subdivision of sections 1 and 11, township 1 north, range 34 east, Willamette Meridian, Oregon, executed by Bryan S. Seibold, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

April 2, 2004  
(Date)

Mary J. M. Huth  
(Chief Cadastral Surveyor of Oregon)