

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	
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 Dependent Resurvey of the East-and-West Center Line of
 Section 11 Pages 33-36
 Subdivision of Section 11 Pages 36-37
 Dependent Resurvey of the East-and-West Center Line of
 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 This survey superceded the survey by Moody.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.

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

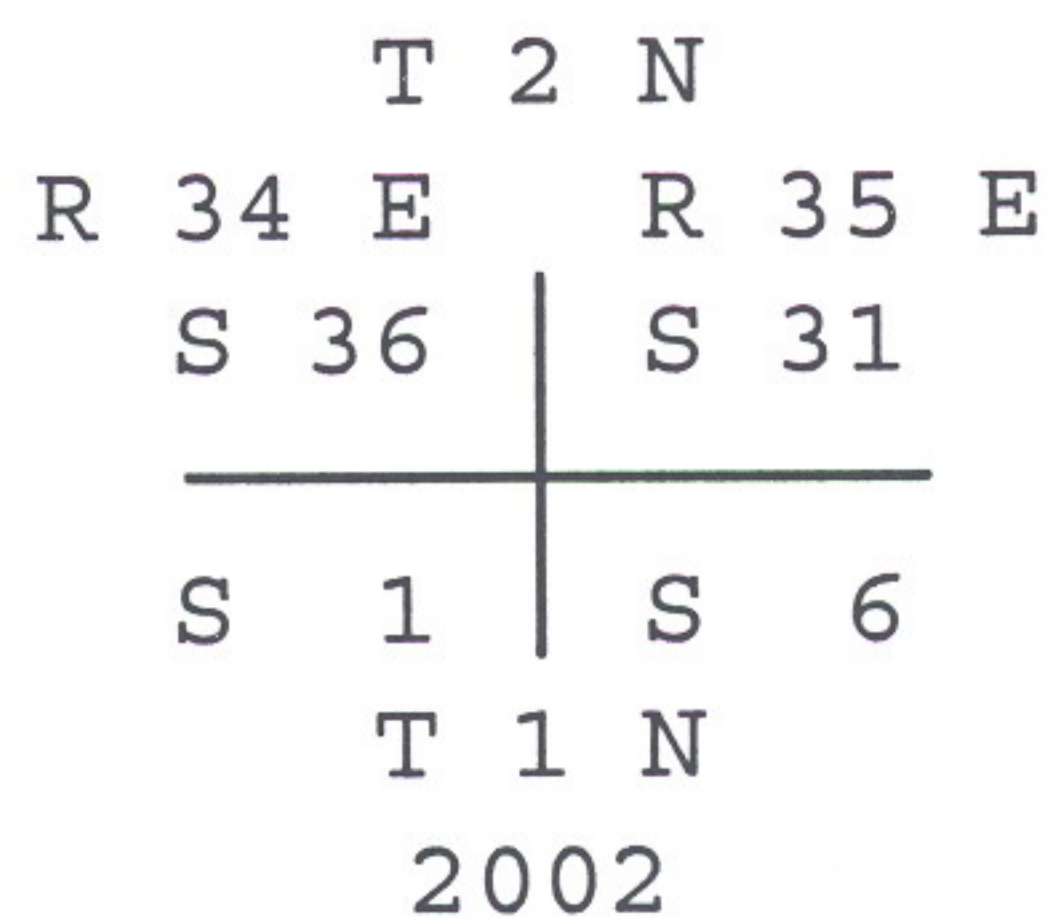
(Restoring the surveys by James P. Currin and James E. Noland in 1887, L.E. Wilkes in 1917, and C.E. Redfield in 1917-19)

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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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.

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

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.

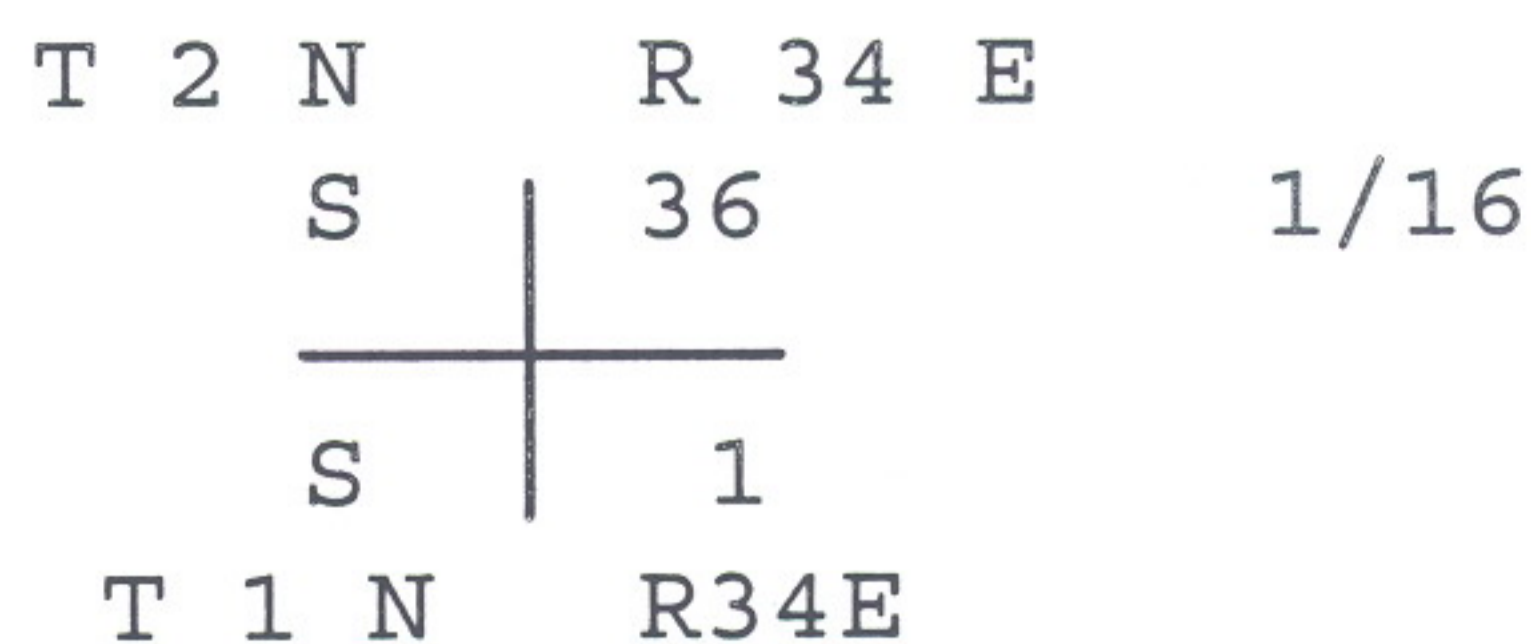
Descend over SW. slope, through moderate timber and undergrowth.

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

FEET											
	<p>from which new bearing trees</p> <p>A pine, 23 ins. diam., bears S. $33\frac{3}{4}^{\circ}$ E., 61.6 ft. dist., mkd. E1/16 S1 BT.</p> <p>A pine, 14 ins. diam., bears N. 3° W., 68.3 ft. dist., mkd. E1/16 S36 BT.</p> <p>Rebuild the mound of stone, 3 ft. base, to top of iron post.</p> <p>Corner is located S. 38° W., 4 ft. dist. from a fence corner, with dilapidated barbed wire fence extending S.</p> <hr/> <p>N. $89^{\circ} 55' 21''$ W., beginning new measurement.</p> <p>Over broken N. slope.</p>										
35	Power line, four wire, bears N. 80° E. and S. 80° W.										
1323.74	<p>The $\frac{1}{4}$ sec. cor. of secs. 1 and 36, perpetuated by C.E. Redfield, from original evidence no longer visible, monumented with an iron post, $1\frac{1}{2}$ ins. diam., firmly set, projecting 14 ins. above ground, with brass cap mkd.</p> <table data-bbox="1092 1513 1419 1742" style="margin-left: auto; margin-right: auto;"> <tr> <td style="padding: 0 10px;">1/4</td> <td style="border-left: 1px solid black; padding: 0 10px;">S 36</td> </tr> <tr> <td style="padding: 0 10px;">T 2 N</td> <td style="border-left: 1px solid black; padding: 0 10px;">R 34 E</td> </tr> <tr> <td colspan="2" style="text-align: center;">— —</td> </tr> <tr> <td style="padding: 0 10px;">1/4</td> <td style="border-left: 1px solid black; padding: 0 10px;">S 1</td> </tr> <tr> <td style="padding: 0 10px;">T 1 N</td> <td style="border-left: 1px solid black; padding: 0 10px;">R 34 E</td> </tr> </table> <p>from which new bearing trees</p> <p>A pine, 16 ins. diam., bears S. $57\frac{3}{4}^{\circ}$ E., 52.5 ft. dist., mkd. 1/4 S1 BT.</p> <p>A pine, 11 ins. diam., bears S. 50° W., 57.4 ft. dist., mkd. X BT.</p> <p>Build a mound of stone, 4 ft. base, to top of iron post.</p> <p>Corner is located at a fence corner, with woven wire fence extending S. 10° W. and chain link fence extending N. 85° W. and N. 40° E.</p> <hr/> <p>S. $89^{\circ} 39' 09''$ W., beginning new measurement.</p>	1/4	S 36	T 2 N	R 34 E	— —		1/4	S 1	T 1 N	R 34 E
1/4	S 36										
T 2 N	R 34 E										
— —											
1/4	S 1										
T 1 N	R 34 E										

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

FEET											
	Over level ground.										
580	Graveled road, 12 ft. wide, bears N. 20° W. and S. 20° E., asc. over NE. slope.										
1355	Underground gas line, bears N. 20° W. and S. 20° E.										
2642.16	The cor. of secs. 1, 2, 35, and 36, perpetuated by C.E. Redfield, monumented with an iron post, 1½ ins. diam., firmly set, projecting 18 ins. above ground, with brass cap mkd.										
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td>S 35</td> <td>S 36</td> </tr> <tr> <td>T 2 N</td> <td>R 34 E</td> </tr> <tr> <td colspan="2" style="text-align: center;">— —</td> </tr> <tr> <td>S 2</td> <td>S 1</td> </tr> <tr> <td>T 1 N</td> <td>R 34 E</td> </tr> </table>	S 35	S 36	T 2 N	R 34 E	— —		S 2	S 1	T 1 N	R 34 E
S 35	S 36										
T 2 N	R 34 E										
— —											
S 2	S 1										
T 1 N	R 34 E										
	from which the remains of an original bearing tree										
	An uprooted pine, 33 ins. diam., bears N. 12° W., 16.5 ft. dist., with no marks visible on open double blazes.										
	and new bearing trees										
	A pine, 16 ins. diam., bears N. 73¼° E., 51.9 ft. dist., mkd. T2N R34E S36 BT.										
	A pine, 20 ins. diam., bears S. 33½° E., 19.1 ft. dist., mkd. T1N R34E S1 BT.										
	A pine, 15 ins. diam., bears N. 28¼° W., 37.1 ft. dist., mkd. T2N R34E S35 BT.										
	Build a mound of stone, 4 ft. base, to top of iron post.										
	From this point, the NE. cor. of a chain link fence enclosure, 146 x 149 ft., bears S. 88° W., 51.4 ft. dist., long side extends N. 89° W.										
	S. 89° 25' 15" W., bet. secs. 2 and 35, on the N. bdy. of the Tp.										
	Ascend over E. slope, through moderate timber and undergrowth.										
55	Top of ascent, continue across broken N. slope.										

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

FEET																	
545	Dirt road, 8 ft. wide, bears N. 5° E. and S. 15° W.																
2215	Dirt road, 8 ft. wide, bears N. and S.																
2285	Dirt road, 8 ft. wide, bears N. 35° E. and S. 20° W.																
2659.52	The 1/4 sec. cor. of secs. 2 and 35, perpetuated by C.E. Redfield, monumented with an iron post, 1½ ins. diam., firmly set in a mound of stone, 2 ft. diam., projecting 24 ins. above the mound, with brass cap mkd.																
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td>1/4</td> <td>S 35</td> <td></td> </tr> <tr> <td>T 2 N</td> <td> </td> <td>R 34 E</td> <td></td> </tr> <tr> <td></td> <td>1/4</td> <td>S 2</td> <td></td> </tr> <tr> <td>T 1 N</td> <td></td> <td>R 34 E</td> <td></td> </tr> </table>		1/4	S 35		T 2 N		R 34 E			1/4	S 2		T 1 N		R 34 E	
	1/4	S 35															
T 2 N		R 34 E															
	1/4	S 2															
T 1 N		R 34 E															
	from which the remains of the original bearing trees																
	A pine stump, 14 ins. diam., bears N. 55° E., 58.7 ft. dist., with no marks visible.																
	A pine stump, 18 ins. diam., bears S. 61° W., 18.5 ft. dist., with no marks visible. (Record, S. 56° W.)																
	and the remains of a bearing tree mkd. by Moody in 1871 to reference his cor. position. (Moody's survey was superceded by Currin and Noland in 1887.)																
	A fir stump, 16 ins. diam., bears N. 39½° W., 103.2 ft. dist., with scribe marks BT visible.																
	and new bearing trees																
	A pine, 9 ins. diam., bears S. 47° W., 45.9 ft. dist., mkd. 1/4 S2 BT.																
	A pine, 9 ins. diam., bears N. 62¼° W., 74.3 ft. dist., mkd. 1/4 S35 BT.																
	Rebuild the mound of stone, 4 ft. base, to top of iron post.																
	<hr style="width: 30%; margin: 0 auto;"/>																
	S. 89° 29' 04" W., beginning new measurement.																
	Descend over broken N. slope.																

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

FEET											
170	Dirt road, 8 ft. wide, bears N. 20° E. and S. 25° W.										
1315	Ravine, drains N. 15° W., asc. over NE. slope.										
1325.72	<p>The W 1/16 sec. cor. of secs. 2 and 35, established by C.E. Redfield, and is accepted as the cor., monumented with an iron post, 1½ ins. diam., firmly set in a scattered mound of stone, projecting 15 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;">1/16</td> <td style="border-left: 1px solid black; padding: 0 10px;">S 35</td> </tr> <tr> <td style="padding: 0 10px;">T 2 N</td> <td style="border-left: 1px solid black; padding: 0 10px;">R 34 E</td> </tr> <tr> <td colspan="2" style="text-align: center; border-top: 1px solid black; border-bottom: 1px solid black;"> </td> </tr> <tr> <td style="padding: 0 10px;">1/16</td> <td style="border-left: 1px solid black; padding: 0 10px;">S 2</td> </tr> <tr> <td style="padding: 0 10px;">T 1 N</td> <td style="border-left: 1px solid black; padding: 0 10px;">R 34 E</td> </tr> </table> </div> <p>from which new bearing trees</p> <p style="margin-left: 40px;">A fir, 7 ins. diam., bears S. 42¾° E., 39.6 ft. dist., mkd. W1/16 S2 BT.</p> <p style="margin-left: 40px;">A pine, 10 ins. diam., bears N. 6° W., 37.2 ft. dist., mkd. W1/16 S35 BT.</p> <p>Rebuild the mound of stone, 3 ft. base, to top of iron post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>S. 89° 12' 54" W., beginning new measurement.</p> <p>Ascend over N. slope.</p>	1/16	S 35	T 2 N	R 34 E			1/16	S 2	T 1 N	R 34 E
1/16	S 35										
T 2 N	R 34 E										
1/16	S 2										
T 1 N	R 34 E										
1318.88	<p>The cor. of secs. 2, 3, 34, and 35, determined at record distance from the original NE. and SE. bearing trees (The iron post, 1½ ins. diam. with brass cap mkd. S34 S35 T2N R34E S3 S2 T1N R34E, set by C.E. Redfield, was found lying loose on the ground nearby and its position could not be determined.), from which the remains of the original bearing trees</p> <p style="margin-left: 40px;">A pine stump, 19 ins. diam., bears N. 9° E., 55.4 ft. dist., with no marks visible. (Record, N. 13° E.)</p> <p style="margin-left: 40px;">A pine stump, 16 ins. diam., bears S. 85° E., 92.4 ft. dist., with no marks visible. (Record, S. 87° E.)</p> <p style="margin-left: 40px;">A pine stump, 18 ins. diam., bears N. 15° W., 109.4 ft. dist., with no marks visible. (Record, N. 12° W., 107.6 ft.)</p>										

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

FEET

At the corner point

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, in a collar of stone, with brass cap mkd.

T 2 N		R 34 E
S 34		S 35
S 3		S 2
		T 1 N
		2002

from which new bearing trees

A pine, 8 ins. diam., bears N. 15¾° E., 21.1 ft. dist., mkd. T2N R34E S35 BT.

A pine, 10 ins. diam., bears S. 88¼° E., 18.8 ft. dist., mkd. T1N R34E S2 BT.

A pine, 8 ins. diam., bears S. 30½° W., 85.5 ft. dist., mkd. T1N R34E S3 BT.

A pine, 12 ins. diam., bears N. 26¾° W., 52.0 ft. dist., mkd. T2N R34E S34 BT.

Deposit a magnet in a white plastic case at the base of and buried the iron post set by Redfield alongside of the stainless steel post.

Corner is located E., 6 ft. dist. from a barbed wire fence extending N. and S.; and E., 195 ft. dist. from a rock road, 12 ft. wide, extending N. 45° W. and S. 40° E.

From this point, U.S. Coast and Geodetic Survey triangulation station "BIG HILL RESET", bears S. 64° 44' 22" E., 2236.28 ft. dist. (mean bearing and sea level distance), monumented with a standard brass disk, 3½ ins. diam., firmly set flush in concrete, with top mkd. BIG HILL 1916 1963 9/14/96 9/17/97 9/26/2000 and a triangle.

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

From the cor. of secs. 1, 6, 7, and 12, on the E. bdy. of the Tp.

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.
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 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)