

ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF

A PORTION OF THE WEST BOUNDARY,
SUBDIVISIONAL LINES AND SUBDIVISION OF
SECTION LINES IN SECTION 6,
AND THE SUBDIVISION OF SECTION 6,
TOWNSHIP 2 NORTH, RANGE 33 EAST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON.

EXECUTED BY

Bryan S. Seibold, Cadastral Surveyor

Under Special Instructions dated May 10, 2002, approved May 10, 2002,
which provided for the surveys included under Group No. 2017,
and Assignment Instructions dated May 10, 2002.

Survey commenced October 7, 2002

Survey completed June 29, 2004

INDEX DIAGRAM

TOWNSHIP 02 NORTH RANGE 33 EAST

6 2 8	5 9	4	3	2	1
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

Dependent Resurvey of a Portion of the Subdivision-of-Section Lines in
Section 6 and the Subdivision of Section 6 Pages 10-15

T. 2 N., R. 33 E., Willamette Meridian, Oregon

FEET

The following field notes are those of the dependent resurvey of a portion of the west boundary, subdivisional lines, and subdivision-of-section lines in section 6, and the subdivision of section 6, township 2 north, range 33 east, Willamette Meridian, Oregon.

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

In 1871, Zenas F. Moody, U.S. Deputy Surveyor, surveyed the north and west boundaries and the subdivisional lines, and subdivided certain sections.

In 1887, James P. Currin and James E. Noland, U.S. Deputy Surveyors, resurveyed a portion of the west and north boundaries and subdivisional lines and subdivided certain sections.

In 1889, James P. Currin, U.S. Deputy Surveyor, resurveyed a portion of the west boundary and subdivisional lines and partially subdivided certain sections.

In 1890, James P. Currin and James E. Noland, U.S. Deputy Surveyors, resurveyed the north and west boundaries.

In 1917, L.E. Wilkes, U.S. Surveyor, resurveyed a portion of the north and west boundaries and the E. and W. center line of section 6.

In 1917, C.E. Redfield, Surveyor for the U.S. Indian Service, resurveyed a portion of the subdivisional lines and subdivided section 6. No Redfield monuments were recovered during this survey, however his survey record was used to control the restoration of certain lost corners. The field books of the Redfield survey are on file at the Bureau of Indian Affairs, Umatilla Agency Office, in Mission, Oregon.

In 1988-89, Richard L. Johnson, Cadastral Surveyor, resurveyed a portion of the west boundary and subdivisional lines and subdivided sections 7 and 30.

In 1994, Richard L. Johnson, Cadastral Surveyor, remonumented the one-quarter section corner of sections 6 and 7 without survey.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated May 10, 2002, for Group No. 2017, Oregon.

T. 2 N., R. 33 E., Willamette Meridian, Oregon

FEET

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 by Cadastral Measurement Management for Windows (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. 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 WinCMM, and 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 official record and the survey record by Redfield. The retracement data were thoroughly verified and only the true line field notes are given herein.

The geographic position (NAD 1983 (91)) of the 1/4 section corner of sections 6 and 7, as determined by a tie to U.S. Coast and Geodetic Survey triangulation station "MISSION 1963", is as follows:

Latitude: 45° 40' 30.55" N. Longitude: 118° 44' 09.49" W.

**Dependent Resurvey of a Portion of the West Boundary,
T. 2 N., R. 33 E., Willamette Meridian, Oregon**

(Restoring the surveys by Zenas F. Moody in 1871, and James P. Currin and James E. Noland in 1887; and the resurveys by James P. Currin and James E. Noland in 1890, L.E. Wilkes in 1917, and Richard L. Johnson in 1988-89)

Beginning at the closing cor. of secs. 6 and 7, monumented with a stainless steel post, 2½ ins. diam., firmly set, projecting 2 ins. above ground, and in a collar of stone, with brass cap mkd.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 2 N., R. 33 E., Willamette Meridian, Oregon

FEET	<p>N. 50¼° E., 24.12 ft. dist., with steel fence post alongside.</p> <p>An iron rod, 5/8 in. diam., firmly set, projecting 4 ins. above ground, with plastic cap mkd. W.R. WELLS • PLS 1106, bears S. 58½° E., 20.92 ft. dist., with steel fence post alongside.</p> <p>This corner will now function as a reference monument to the 1/4 sec. cor. of sec. 6 only.</p>
249.22	<p>The 1/4 sec. cor. of sec. 6 only, perpetuated by William R. Wells, Registered Professional Land Surveyor No. 1106, in 1988, recorded in the Umatilla County Surveyor's Office, map file No. 88-19-C, monumented with a basalt stone, 14 x 12 x 10 ins., firmly set, the top 14 ins. below the ground surface, mkd. NW COR RES on E. face and 1/4 on W. face.</p> <p>At the corner point</p> <p>Cement a brass tablet, 3¼ in. diam., 3½ in. stem, into a drill hole, 1 in. diam., mkd.</p> <div style="text-align: center;"> <p>T 2 N</p> <p>R 32 E R 33 E</p> <p> 1/4</p> <p> S 6</p> <p>2002</p> </div> <p>No accessories available.</p> <p>Deposit a magnet at the bottom of the drill hole.</p> <hr/> <p style="text-align: center;">Dependent Resurvey of a Portion of the Subdivisional Lines, T. 2 N., R. 33 E., Willamette Meridian, Oregon</p> <hr/> <p style="text-align: center;">(Restoring the surveys by Zenas F. Moody in 1871, and James P. Currin and James E. Noland in 1887, and the resurvey by Richard L. Johnson in 1988-89)</p> <hr/> <p>From the E 1/16 sec. cor. of secs. 6 and 7, marked with an X on a vertical rock face, 2 ft. above ground, from which reference monuments set by Johnson</p> <p>A stainless steel post, 2½ ins. diam., firmly set, projecting 5 ins. above ground for a reference monument, bears N. 47° 06' E., 65.27 ft. dist., with brass cap mkd. RM T2N R33E 67.6 FT TO COR S6 E1/16 1989 and an arrow</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 2 N., R. 33 E., Willamette Meridian, Oregon

FEET	
	<p>pointing to the cor. (Record, N. 46° 23' E., 67.6 ft. dist.) Removed the old distance from the brass cap and added the new distance of 65.3 ft. and the new date of 2002.</p> <p>A stainless steel post, 2½ ins. diam., firmly set flush with the ground for a reference monument, bears N. 51° 30' W., 52.23 ft. dist., with brass cap mkd. RM T2N R33E 52.7 FT TO COR S6 E1/16 1989 and an arrow pointing to the cor. (Record, N. 48' 54" W., 52.7 ft. dist.) Removed the old distance from the brass cap and added the new distance of 52.2 ft. and the new date of 2002.</p> <p>Corner point is located N. 40° E., 1.5 ft. dist. from a steel fence post.</p> <p>S. 89° 26' 58" W., bet. secs. 6 and 7.</p> <p>Across broken S. slope, changing to level ground, through grass and brush with scattered trees.</p>
1322.47	<p>The 1/4 sec. cor. of secs. 6 and 7, monumented with a stainless steel post, 2½ ins. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>T 2 N R 33 E</p> <p>S 6</p> <p>1/4 —————</p> <p>S 7</p> <p>1994</p> </div> <p>No accessories available.</p> <p>Corner is located inside of a fenced garden, fence corner bears N. 75° E., 18 ft. dist., with board fences extending N. 75° W. and S. 10° W.</p> <p>From this point, U.S. Coast and Geodetic Survey triangulation station "MISSION", 1963, bears S. 63° 05' 38" E., 14,971.60 ft. dist. (mean bearing and sea level dist.), monumented with a bronze disk, firmly set in concrete, flush with the ground, mkd. MISSION 1963 and a triangle.</p> <hr/> <p>From the S 1/16 sec. cor. of secs. 5 and 6, monumented with a stainless steel post, 2½ ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 2 N., R. 33 E., Willamette Meridian, Oregon

FEET	
	<p style="text-align: center;">S 1/16 S 6 S 5 1988</p> <p>from which a reference monument set by Johnson</p> <p>A stainless steel post, 2½ ins. diam., firmly set, projecting 6 ins. above ground for a reference monument, bears S. 45° 00' W., 33.0 ft. dist., with brass cap mkd. RM T2N R33E 33.0 FT TO COR S1/16 1989 and an arrow pointing to the cor.</p> <p>The date on the corner monument was reported by Johnson as 1989.</p> <p>Corner is located in a dilapidated barbed wire fence extending N. and S., with steel fence post alongside.</p> <p>N. 0° 29' 14" W., bet. secs. 5 and 6.</p> <p>Ascend over gradual S. slope, through grass and weeds.</p>
1304.25	<p>The 1/4 sec. cor. of secs. 5 and 6, monumented with a stainless steel post, 2½ ins. diam., firmly set flush with the ground, with brass cap mkd.</p> <p style="text-align: center;">T 2 N R 33 E 1/4 S 6 S 5 1988</p> <p>The magnets buried by Johnson in the NE. and NW. quadrants were verified with a magnetic locator, however their exact positions were not determined.</p> <p>Corner is located in a shallow ravine, drains S., with steel fence post alongside.</p> <hr/> <p style="text-align: center;">Dependent Resurvey of a Portion of the Subdivision-of-Section Lines in Section 6 and the Subdivision of Section 6, T. 2 N., R. 33 E., Willamette Meridian, Oregon</p> <hr/> <p style="text-align: center;">(Restoring the surveys by Zenas F. Moody in 1871, and James P. Currin and James E. Noland in 1887, and the resurveys by James P. Currin and James E. Noland in 1889, and L. E. Wilkes in 1917)</p> <hr/>

Dependent Resurvey of a Portion of the Subdivision-of-Section
 Lines in Section 6 and the Subdivision of Section 6,
 T. 2 N., R. 33 E., Willamette Meridian, Oregon

FEET	
	<p>From the 1/4 sec. cor. of secs. 6 and 7.</p>
	<p>N. 1° 02' 14" W., on the N. and S. center line of sec. 6.</p>
	<p>Ascend over southerly slope, through grass, changing to wheat field.</p>
658.78	<p>Point for the center S-S 1/64 sec. cor. of sec. 6, at proportionate distance. There is no remaining evidence of the cor. set by Currin, no monument set.</p>
1317.56	<p>Point for the center S 1/16 sec. cor. of sec. 6, at proportionate dist., there is no remaining evidence of the original cor. or the cor. reestablished by Redfield.</p>
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 36 ins. in the ground, with brass cap mkd.</p>
	<div style="text-align: center;"> <p>C S 1/16 S 6 C 2002</p> </div>
	<p>No accessories available.</p>
	<p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p>
	<p>Corner is located in a wheat field.</p>
	<p>Descend over NW. slope, through wheat field.</p>
2060	<p>Oregon State Highway No. 11, asphalt surfaced, 40 ft. wide, bears N. 70° E. and S. 75° W.</p>
2330	<p>Ravine, drains S. 70° W., asc. over S. slope.</p>
2635.12	<p>The center 1/4 sec. cor. of sec. 6, monumented with an iron post, 2 ins. diam., firmly set, projecting 8 ins. above a collar of stone, with brass cap mkd.</p>
	<div style="text-align: center;"> <p>T 2 N R 33 E 1/4 1/4 ———— 1/4 1/4 S 6 1917</p> </div>
	<p>No accessories available.</p>

Dependent Resurvey of a Portion of the Subdivision-of-Section
Lines in Section 6 and the Subdivision of Section 6,
T. 2 N., R. 33 E., Willamette Meridian, Oregon

FEET	
	<p>Corner is located at a fence corner with barbed wire fences extending N. and E.</p> <hr/> <p>From the 1/4 sec. cor. of secs. 5 and 6.</p> <p>N. 89° 52' 05" W., on the E. and W. center line of sec. 6.</p> <p>Ascend over gradual SE. slope, changing to nearly level ground, through wheat field.</p>
1334.02	<p>Point for the center E 1/16 sec. cor. of sec. 6, at proportionate dist., there is no remaining evidence of the original cor. or the cor. reestablished by Redfield.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 52 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>E 1/16</p> <p>C ——— C</p> <p>S 6</p> <p>2002</p> </div> <p>No accessories available.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post and one on top of the brass cap.</p> <p>Continue over nearly level ground.</p>
1615	<p>Oregon State Highway No. 11, asphalt surfaced, 40 ft. wide, bears N. 60° E. and S. 60° W.</p>
2668.04	<p>The center 1/4 sec. cor. of sec. 6.</p> <hr/> <p>N. 89° 50' 54" W., beginning new measurement.</p> <p>Over nearly level ground.</p>
425	<p>Begin desc. over gradual S. slope.</p>
1309.01	<p>Point for the center W 1/16 sec. cor. of sec. 6, at proportionate dist., there is no remaining evidence of the original cor. or the cor. reestablished by Redfield.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 20 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p>

Dependent Resurvey of a Portion of the Subdivision-of-Section
Lines in Section 6 and the Subdivision of Section 6,
T. 2 N., R. 33 E., Willamette Meridian, Oregon

FEET	
	W 1/16 C ——— C S 6 2004
	No accessories available.
	Deposit a magnet in a white plastic case at the base of and drove a steel fence post alongside the stainless steel post.
	From this point, a bench mark established by the Bureau of Reclamation, not recorded, bears N. 89° 31' 25" E., 196.72 ft. dist., monumented with an iron post, 2 ins. diam., firmly set, projecting 11 ins. above ground, with brass cap mkd. BUREAU OF RECLAMATION ABOVE SEA DATUM FEET BM.
	Continue desc. over gradual SW. slope, changing to NW. slope.
2352.95	The 1/4 sec. cor. of sec. 6 only, on the W. bdy. of the Tp.
	From the E 1/16 sec. cor. of secs. 6 and 7.
	N. 0° 47' 09" W., on the N. and S. center line of the SE¼ of sec. 6.
	Ascend over S. slope, through grass.
1309.57	Point for the SE 1/16 sec. cor. of sec. 6, at proportionate dist. based on the survey by C.E. Redfield, there is no remaining evidence of the original cor. or the cor. reestablished by Redfield.
	Set a stainless steel post, 16 ins. long, 2½ ins. diam., 36 ins. in the ground, with brass cap mkd.
	SE 1/16 S 6 2002
	No accessories available.
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Over nearly level ground.
2619.14	The center E 1/16 sec. cor. of sec. 6.

Dependent Resurvey of a Portion of the Subdivision-of-Section
Lines in Section 6 and the Subdivision of Section 6,
T. 2 N., R. 33 E., Willamette Meridian, Oregon

FEET	
	<p>From the S 1/16 sec. cor. of secs. 5 and 6.</p> <p>S. 89° 54' 23" W., on the E. and W. center line of the SE¼ of sec. 6.</p> <p>Descend over W. slope, through grass and weeds.</p>
100	Ravine, drains S. 5° W., asc. over SE. slope.
720	Spur, slopes S. 5° W.; continue asc. over broken S. slope.
1327.23	<p>The SE 1/16 sec. cor. of sec. 6.</p> <hr style="width: 30%; margin: 10px auto;"/> <p>S. 89° 47' 32" W., beginning new measurement.</p> <p>Over nearly level ground.</p>
1328.22	<p>The center S 1/16 sec. cor. of sec. 6.</p> <hr/> <p>From the center W 1/16 sec. cor. of sec. 6.</p> <p>S. 0° 44' 17" E., on the calculated N. and S. center line of the SW¼ of sec. 6.</p>
1324.37	<p>Point for the SW 1/16 sec. cor. of sec. 6 at its calculated intersection with the E. and W. center line of the SW¼.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 34 ins. in the ground, 6 ins. below ground, with brass cap mkd.</p> <p style="text-align: center;">SW 1/16 S 6 2004</p> <p>No accessories available.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Corner is located at SE. edge of wheat field.</p> <hr/> <p>From the center S 1/16 sec. cor. of sec. 6.</p> <p>S. 89° 50' 53" W., on the E. and W. center line of the SW¼ of sec. 6.</p>

Dependent Resurvey of a Portion of the Subdivision-of-Section
Lines in Section 6 and the Subdivision of Section 6,
T. 2 N., R. 33 E., Willamette Meridian, Oregon

FEET	
	Descend over gradual W. slope, through wheat field.
1315.83	The SW 1/16 sec. cor. of sec. 6.
	Descend over SW. slope.
2383.47	The S 1/16 sec. cor of sec. 6 only, on the W. bdy. of the Tp.
<hr/>	
GENERAL DESCRIPTION	
<p>The lands included in the foregoing resurvey are located in gently rolling hills on the Umatilla Indian Reservation, on the easterly edge of Pendleton, Oregon. The elevation ranges from approximately 1150 feet above sea level near the 1/4 section corner of sections 6 and 7, to about 1370 feet above sea level near the center E 1/16 section corner of section 6.</p>	
<p>The area is drained by Wildhorse Creek and the Umatilla River with other small and seasonal drainages throughout. The land is used primarily for wheat production, with grass, weeds, and brush in the less productive areas.</p>	
<p>Access to the area is gained via Mission Highway (County Road No. 900), Oregon State Highway No. 331, Oregon State Highway No. 11 and Riverside Avenue with other paved, gravel and dirt roads branching from them into the area.</p>	
<p>The mean magnetic declination, as obtained from United States Geological Survey quadrangle map "MISSION, OREG." 1966 edition, with photo revisions in 1974, is 20° East.</p> <hr/>	

CERTIFICATE OF SURVEY

I, Bryan S. Seibold, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 10th day of May, 2002, I have dependently resurveyed a portion of the west boundary, subdivisional lines and subdivision-of-section lines in section 6, and subdivided section 6, township 2 north, 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.

July 20, 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 west boundary, subdivisional lines and subdivision-of-section lines in section 6, and subdivision of section 6, township 2 north, range 33 east, Willamette Meridian, Oregon, executed by Bryan S. Seibold, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

September 7, 2004
(Date)

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