

ORIGINAL

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

FIELD NOTES
OF THE
CORRECTIVE DEPENDENT RESURVEY
OF A PORTION OF THE
SUBDIVISIONAL LINES,
TOWNSHIP 3 NORTH, RANGE 36 EAST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON.

EXECUTED BY

Richard S. Kaiser, Cadastral Surveyor

Under Special Instructions dated May 27, 2004, approved May 28, 2004,
which provided for the surveys included under Group No. 2090,
and Assignment Instructions dated June 1, 2004

Survey commenced June 28, 2004

Survey completed June 29, 2004

INDEX DIAGRAM

TOWNSHIP 03 NORTH

RANGE 36 EAST

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

T. 3 N., R. 36 E., Willamette Meridian, Oregon

FEET

The following field notes are those of the corrective dependent resurvey of a portion of the subdivisional lines, township 3 north, range 36 east, Willamette Meridian, Oregon.

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

In 1887, James P. Currin and James E. Nolan, U.S. Deputy Surveyors, surveyed the township lines and subdivisional lines lying within the Umatilla Indian Reservation.

In 1919, C.E. Redfield, Surveyor for the U.S. Indian Service, retraced and dependently resurveyed the boundaries of sections 29 and 31 and subdivided section 29. The field notes of the Redfield surveys are on file at the Umatilla Indian Reservation agency office in Pendleton, Oregon.

In 1976-79, Ronald W. Scherler, Cadastral Surveyor, dependently resurveyed a portion of the subdivisional lines and subdivided section 29.

Additionally, the history of pertinent locally recorded surveys is as follows:

In 1989, William R. Wells, Professional Land Surveyor No. 1106, dependently resurveyed a portion of the subdivisional lines and subdivided sections 29, 30, 31, and 32. Recorded in June, 1990 as County Survey No. 90-42-C at the Umatilla County Surveyor's office in Pendelton, Oregon.

In 2002, Gary R. Roberts, Professional Land Surveyor No. 2627, made a tie to the cor. of secs. 29, 30, 31, and 32 during a road survey. Recorded as County Survey No. 02-252-C at the Umatilla County Surveyor's office in Pendelton, Oregon.

In September 2001, Bryan Seibold, Cadastral Surveyor, recovered the corner of sections 29, 30, 31, and 32 that was set by Redfield in 1919. This corner had been reestablished at proportionate position during the 1976-79 BLM resurvey. A report on the results of an investigation by Seibold submitted to this office on December 10, 2003, confirmed this finding, necessitating this corrective action.

Controlling corners were not revisited during this correction and are described in the field notes approved November 12, 1980.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated May 27, 2004, for Group No. 2090, Oregon.

T. 3 N., R. 36 E., Willamette Meridian, Oregon

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The directions of the lines are based on the true meridian as determined by GPS measurements, unless otherwise noted.

The survey was performed using NAVSTAR Global Positioning System (GPS) satellite techniques. The GPS measurements utilized dual frequency, carrier phase GPS receivers. The survey was executed in accordance with the "Standards and Guidelines for Cadastral Surveys Using Global Positioning System Methods", dated May 9, 2001, published by the U.S. Department of Interior - Bureau of Land Management and the U.S. Department of Agriculture - Forest Service, with the following exceptions:

- 1) No tie was made to high-order control to obtain geographic coordinates.
- 2) Closed loops were not measured, instead 2 separate measurements of the line were taken using static methods and confirmed by comparison.

The measured distances and directions have been adjusted by Trimble Geomatics Office (TGO), 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 west one-half of the west one-half of the line between secs. 29 and 32 was retraced and search was made for any additional Indian Allotment corners. None were found. The line between the W 1/16 sec. cor. of secs. 29 and 32 and the cor. of secs. 29, 30, 31, and 32, was dependently resurveyed and was determined to be within acceptable limits such that further resurveying was not necessary. The retracement data were thoroughly verified and only the true line field notes are given herein.

No new accessories were taken in the course of this corrective resurvey.

Geographic positions were not determined in the course of this survey. Geographic positions are as shown on the plat accepted November 12, 1980.

**Corrective Dependent Resurvey
of a Portion of the Subdivisional Lines,
T. 3 N., R. 36 E., Willamette Meridian, Oregon**

(Restoring the survey by James P. Currin and
James E. Nolan in 1887, the resurvey by
C.E. Redfield in 1919, and correcting the
resurvey by Ronald W. Scherler in 1976-79)

Corrective Dependent Resurvey of a Portion
of the Subdivisional Lines,
T. 3 N., R. 36 E., Willamette Meridian, Oregon

FEET																
	<p>Beginning at the W 1/16 sec. cor. of secs. 29 and 32, monumented with an iron post, 2½ ins. diam., firmly set, projecting 18 ins. above the ground, in a mound of stone, 3 ft. base, to top, with a brass cap mkd.</p>															
	<table style="margin-left: auto; margin-right: auto;"> <tr> <td></td> <td style="text-align: center;">S 29</td> </tr> <tr> <td style="text-align: center;">W 1/16</td> <td style="text-align: center;">—</td> </tr> <tr> <td></td> <td style="text-align: center;">S 32</td> </tr> </table>		S 29	W 1/16	—		S 32									
	S 29															
W 1/16	—															
	S 32															
	1976															
	<p>from which the bearing trees mkd. by Scherler.</p>															
	<p>A pine, 14 ins. diam., bears S. 31¾° W., 29.0 ft. dist., with a healed blaze.</p>															
	<p>A pine, 20 ins. diam., bears N. 12° W., 35.0 ft. dist., with a healed blaze.</p>															
	<p>N. 89° 31' 57" W., bet. secs. 29 and 32.</p>															
	<p>Along a steep NE. slope, through scattered timber and dense undergrowth.</p>															
1312.08	<p>The cor. of secs. 29, 30, 31, and 32, perpetuated in 1919 by C.E. Redfield, monumented with an iron post, 2 ins. diam., firmly set, projecting ½ in. above the ground, with a brass cap mkd.</p>															
	<p>INDIAN ALLOTMENT</p> <table style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">S 30</td> <td style="text-align: center;"> </td> <td style="text-align: center;">S 29</td> </tr> <tr> <td colspan="3" style="text-align: center;">—</td> </tr> <tr> <td style="text-align: center;">S 31</td> <td style="text-align: center;"> </td> <td style="text-align: center;">S 32</td> </tr> <tr> <td colspan="3" style="text-align: center;">T 3 N R 36 E</td> </tr> <tr> <td colspan="3" style="text-align: center;">1919</td> </tr> </table>	S 30		S 29	—			S 31		S 32	T 3 N R 36 E			1919		
S 30		S 29														
—																
S 31		S 32														
T 3 N R 36 E																
1919																
	<p>No accessories available.</p>															
	<p>From this point, the cor. of secs. 29, 30, 31, and 32, erroneously reestablished by Scherler in 1976-79, bears S. 73° 00' 00" E., 1.80 ft. dist., monumented with an iron post, 2½ ins. diam., firmly set, projecting 4 ins. above the ground, with brass cap mkd. and witnessed as described in the official record. Remove all marks from cap and re-mark to read "AM 1.8 FT. TO COR. 2004", and an arrow pointing to the cor. Reset the iron post so that top of the brass cap is 1 in. below the surface of the ground.</p>															
	<p>From this same point, the ¼ sec. cor. of secs. 31 and 32, reestablished by C.E. Redfield in 1919, bears S. 0° 08' 47" W., 2639.56 ft. dist. This bearing and distance is from the Plat of Survey by William R. Wells, Professional Land Surveyor No. 1106,</p>															

**Corrective Dependent Resurvey of a Portion
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	<p>and recorded in June, 1990 as County Surveys No. 90-42-C at the Umatilla County Surveyor's office in Pendleton, Oregon, and was confirmed by calculation using Scherler's survey data and the bearing and distance from the found sec. cor. and the Scherler proportioned position. This cor. was not visited during this survey. See the description in the official field notes approved November 12, 1980, and the Wells plat.</p> <p>From this same point, the cor. of secs. 25, 30, 31, and 36, on the W. bdy. of the Tp., perpetuated by C. E. Redfield in 1919, bears S. 89° 28' 41" W., 5237.78 ft. dist. This bearing and distance is calculated from the Plat of Survey by William R. Wells, Professional Land Surveyor No. 1106, and recorded in June, 1990 as County Survey No. 90-42-C at the Umatilla County Surveyor's office in Pendleton, Oregon, and was confirmed by calculation using Scherler's survey data and the bearing and distance from the found sec. cor. to the Scherler proportioned position. This sec. cor. was not visited during this survey. See the description in the official field notes approved November 12, 1980, and the Wells plat.</p> <p>Wells recovered an Indian Allotment monument at the W 1/16 sec. cor. of secs. 30 and 31. This monument does not affect the position of the found Indian Allotment monument at the cor. of secs. 29, 30, 31, and 32. It was not visited during this survey.</p> <p>Corner is located in an open field.</p> <hr/> <p>N. 0° 18' 23" E., bet. secs. 29 and 30. (This bearing and distance is from the Plat of Survey by William R. Wells, Professional Land Surveyor No. 1106, and recorded in June, 1990 as County Survey No. 90-42-C at the Umatilla County Surveyor's office in Pendleton, Oregon, and was confirmed by calculation using Scherler's survey data and the bearing and distance from the found sec. cor. to the Scherler proportioned position.)</p> <p>Over open, level land.</p>
1292.21	<p>The S 1/16 sec. cor. of secs. 29 and 30, established by C.E. Redfield, in 1919. This corner was not visited during this survey. See the description in the official field notes approved November 12, 1980, and the Wells Plat.</p> <hr/>

T. 3 N., R. 36 E., Willamette Meridian, Oregon

FEET

GENERAL DESCRIPTION

The lands embraced in this survey are located in Umatilla County, about 1 mile east of Gibbons, Oregon. The area can be accessed by a paved road that passes through the corner of sections 29, 30, 31, and 32. A main route of the Union Pacific Railroad roughly parallels the north and east boundaries of section 31.

The terrain varies from level to mountainous, with elevations ranging from about 1800 feet above sea level at the corner of sections 29, 30, 31, and 32, to about 2200 feet above sea level at the corner of sections 3, 4, 9, and 10. The soil varies from sandy loam to rocky clay.

The area is drained by the Umatilla River, which flows southwest through section 29, and Meacham Creek which flows North through section 31. Additionally a number of seasonal tributaries flow northwest through section 29. Timber in the area consists of pine, fir, and cottonwood. Undergrowth consists of mountainspray.

The area is uninhabited, the principal land use is recreation and grazing. There is some evidence of cultivation along the banks of the Umatilla River.

The magnetic declination, as shown on the United States Geological Survey 7½ minute quadrangle map "GIBBON, OREG.", dated 1964, and photorevised in 1983 is 19° east.

CERTIFICATE OF SURVEY

I, Richard S. Kaiser, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 27th day of May, 2004, I have performed a corrective dependent resurvey of a portion of the subdivisional lines of township 3 north, range 36 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.

April 13, 2006
(Date)

Richard S. Kaiser
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Portland, Oregon

The foregoing field notes of the corrective dependent resurvey of a portion of the subdivisional lines of township 3 north, range 36 east, Willamette Meridian, Oregon, executed by Richard S. Kaiser, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

June 2, 2006
(Date)

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