

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, THE SUBDIVISION OF SECTION 18,  
AND THE METES-AND-BOUNDS SURVEY OF A PORTION OF THE  
WESTERLY RIGHT-OF-WAY OF OREGON STATE HIGHWAY NO. 244,

**TOWNSHIP 4 SOUTH, RANGE 35 EAST,**

OF THE WILLAMETTE MERIDIAN,

IN THE STATE OF OREGON.

**EXECUTED BY**

***Richard S. Kaiser, Cadastral Surveyor***

Under Special Instructions dated June 3, 2005, approved June 6, 2005,  
which provided for the surveys included under Group No. 2121,  
and Assignment Instructions dated June 6, 2005.

**Survey commenced June 8, 2005**

**Survey completed May 24, 2006**

**INDEX DIAGRAM**

TOWNSHIP 04 SOUTH

RANGE 35 EAST

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

Subdivision of Section 18.....Pages 11-12  
 The Metes-and-Bounds Survey of a Portion of the Westerly  
 Right-of-Way of Oregon State Highway No. 244.....Pages 13-18

T. 4 S., R. 35 E., Willamette Meridian, Oregon

<p>FEET</p>	<p>The following field notes are those of the dependent resurvey of a portion of the west boundary and subdivisional lines, the subdivision of section 18, and the metes-and-bounds survey of a portion of the westerly right-of-way of Oregon State Highway No. 244, T. 4 S., R. 35 E., Willamette Meridian, Oregon.</p> <p>The history of surveys pertaining to this survey is as follows:</p> <p>In 1881, Jacob C. Cooper, U.S. Deputy Surveyor, surveyed the West boundary.</p> <p>In 1882, Rufus S. Moore, U.S. Deputy Surveyor, surveyed the subdivisional lines.</p> <p>The survey was executed in accordance with the specifications set forth in the <u>Manual of Surveying Instructions, 1973</u>, and the <u>Special Instructions</u> dated June 3, 2005, for Group No. 2121, Oregon.</p> <p>The directions of the lines are based on the true meridian as determined by Global Positioning System (GPS) measurements.</p> <p>The survey was performed using NAVSTAR 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. 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.</p> <p>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. The retracement data were thoroughly verified and only the true line field notes are given herein. Lost corners were reestablished and section 18 was subdivided using Real Time Kinematic (RTK) GPS techniques.</p> <p>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.</p> <p>The geographic position (NAD 1983 (CORS 96)) of the cor. of secs. 17, 18, 19, and 20, as determined by direct GPS occupation, to geodetic base stations "APPLETON CORS ARP, SENECA</p>
-------------	---

T. 4 S., R. 35 E., Willamette Meridian, Oregon

FEET

1 CORS ARP, and GRANGEVILLE APT CORS ARP", and Online Positioning User Service (OPUS) is as follows:

Latitude: 45° 12' 40.566" N. Longitude: 118° 27' 55.136" W.

Geographic positions were also determined for other PLSS corners in the course of this survey. The geographic positions are reported with the corner description.

---

**Dependent Resurvey of a Portion of the West Boundary,  
T. 4 S., R. 35 E., Willamette Meridian, Oregon**

---

(Restoring the Survey by Jacob C. Cooper, in 1881)

Beginning at the cor. of secs. 19, 24, 25, and 30, perpetuated in 1976, and in 1985, by Duane I. Griffith, Professional Land Surveyor No. 644, from original evidence no longer in existence, recorded as Survey No. 43-76 at the Union County Surveyor's Office, in La Grande, Oregon. Monumented with an aluminum post, 2 ins. diam., firmly set, projecting 1 in. above the ground, in an embedded mound of stone, 3 ft. base, with an aluminum cap mkd.

T 4 S	
R 34 E	R 35 E
S 24	S 19
S 25	S 30
1985	
OPLS 644	

from which the remains of a bearing tree by person(s) unknown

A decayed stump, 14 ins. diam., bears N. 13¼° W., 54.8 ft. dist., with the marks B visible on a decayed blaze.

and the bearing trees marked by Griffith in 1985

A pine, 20 ins. diam., bears N. 33° E., 35.3 ft. dist., with scribe marks T4S R35E S18 BT visible on open blaze.

A pine, 14 ins. diam., bears N. 89¼° E., 14.1 ft. dist., with scribe marks T4S R35E S19 BT visible on open blaze.

A pine, 18 ins. diam., bears S. 7° W., 55.8 ft. dist., with scribe marks T4S R34E S BT visible on open blaze.

A pine, 18 ins. diam., bears N. 17½° W., 47.2 ft. dist., with fragmentary scribe marks visible on partially healed blaze.

Dependent Resurvey of a Portion of the West Boundary,  
T. 4 S., R. 35 E., Willamette Meridian, Oregon

FEET	
	<p>The geographic position (NAD 1983 (CORS 96)) of this corner is:</p> <p>Latitude: 45° 11' 49.057" N.      Longitude: 118° 29' 06.926" W.</p> <p>N. 0° 06' 30" E., bet. secs. 19 and 24, on the W. bdy. of the Tp.</p> <p>Over rolling land, through scattered timber.</p>
2644.91	<p>Point for the ¼ sec. cor. of secs. 19 and 24, at proportionate distance, there is no remaining evidence of the original cor.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 5 ins. in the ground, in a mound of stone, 4 ft. base, to top, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 4 S 1/4 R 34 E   R 35 E S 24   S 19 2005</p> </div> <p>from which</p> <p style="padding-left: 40px;">A pine, 18 ins. diam., bears S. 22° E., 40.1 ft. dist., mkd. 1/4 S19 BT.</p> <p style="padding-left: 40px;">A pine, 10 ins. diam., bears S. 61½° W., 17.7 ft. dist., mkd. 1/4 S24 BT.</p> <p>Deposit a magnet in a white plastic case at the base of the stainless steel post.</p> <p>Corner is located 10 ft. E. of a barbed wire fence.</p> <p>The geographic position (NAD 1983 (CORS 96)) of this corner is:</p> <p>Latitude: 45° 12' 15.169" N.      Longitude: 118° 29' 06.861" W.</p> <p>Continue over gently rolling land, through sparse timber and native grasses.</p>
5289.82	<p>Point for the cor. of secs. 13, 18, 19, and 24, at proportionate distance, there is no remaining evidence of the original cor. This point falls in middle of Corral Creek, 10 ft. wide, drains N. 10° E., impracticable to set a permanent monument.</p> <p>From this point, the point selected for a witness cor. bears S. 89° 11' 50" E., 50.00 ft. dist., hereinafter described.</p> <hr/> <p>N. 0° 06' 03" E., bet. secs. 13 and 18, on the W. bdy. of the Tp.</p>

**Dependent Resurvey of a Portion of the West Boundary,  
T. 4 S., R. 35 E., Willamette Meridian, Oregon**

FEET	
	Along Corral Creek, through dense timber and undergrowth.
320.18	Oregon State Highway No. 244, asphalt surfaced, 40 ft. wide, bears N. 40° E. and S. 40° W.
2644.91	<p>The ¼ sec. cor. of secs. 13 and 18, reestablished by proportionate measurement in 1976, by Duane I. Griffith, Professional Land Surveyor No. 644, recorded as Survey No. 43-76 at the Union County Surveyor's Office, in LaGrande, Oregon, subsequently utilized in 1989, by Leland Lee Myers, Professional Land Surveyor No. 699, recorded as Survey No. 21-89 at the Union County Surveyor's Office in LaGrande, Oregon, and is accepted as the corner. Monumented with an iron pipe, 1½ ins. diam., firmly set, projecting 18 ins. above the ground, in a mound of stone, 4 ft. base, to top of brass cap mkd.</p>
	<p style="text-align: center;">T 4 S 1/4 R 34 E   R 35 E S 13   S 18 1976 OPLS 644</p>
	from which the accessories set by Myers in 1989
	<p>An aluminum spike and washer, stamped PLS 699, set in a wooden fence post, bears S. 50½° W., 2.1 ft. dist., from which a barbed wire fence extends E., and a woven wire fence extends N. and S. 60° W.</p>
	<p>An iron rod, 5/8 in. diam., firmly set, projecting 6 ins. above the ground, with a yellow plastic cap with illegible marks, bears N. 61° 00' 00" E., 36.20 ft. dist.</p>
	Corner is located in open, level land.
	The geographic position (NAD 1983 (CORS 96)) of this corner is:
	Latitude: 45° 13' 07.384" N.      Longitude: 118° 29' 06.731" W.
	<p style="text-align: center;"><b>Dependent Resurvey of a Portion of the Subdivisional Lines, T. 4 S., R. 35 E., Willamette Meridian, Oregon</b></p>
	<p style="text-align: center;">(Restoring the Survey by Rufus S. Moore, in 1882)</p>
	<p>From the cor. of secs. 17, 18, 19, and 20, perpetuated in 1976, and in 1985, by Duane I. Griffith, Professional Land Surveyor No. 644, from original evidence, no longer in existence and recorded as Survey No. 43-76 at the Union County Surveyor's Office, in LaGrande, Oregon, monumented with an aluminum post,</p>

The Metes-and-Bounds Survey of a Portion of the  
 Westerly Right-of-Way of Oregon State Highway No. 244,  
 T. 4 S., R. 35 E., Willamette Meridian, Oregon

<p>FEET</p> <p>146.49</p>	<p>Angle Point No. 13, at intersection with the N. and S. centerline of sec. 18, hereinbefore described.</p> <hr/> <p style="text-align: center;"><b>GENERAL DESCRIPTION</b></p> <p>The lands embraced by this survey are located in the Blue Mountains of northeastern Oregon, and are located approximately 25 miles SW. of La Grande, Oregon, in Union County. Access is provided by Oregon State Highway No. 244, which passes through sections 7 and 18, and by numerous U.S. Forest Service roads branching from it.</p> <p>The terrain varies from moderately rolling to nearly level, with mean sea level elevations ranging from 4200 feet at the corner of sections 19, 24, 25, and 30, to 3700 feet at the <math>\frac{1}{4}</math> section corner of sections 7 and 8.</p> <p>The vegetation varies from dense stands of pine, fir, spruce, and larch, to open prairie covered in native bunchgrasses.</p> <p>There is sparse human activity in the area other than cattle ranching and logging, and recreational uses such as hunting. The U.S. Forest Service maintains an experimental forest and habitat study area immediately to the west of the area surveyed. No active mines were noted.</p> <p>The mean magnetic declination as shown on the "MARLEY CREEK, OREGON" 7½ minute quadrangle map, published by the United States Geological Survey, in 1965, is 20° East.</p>
---------------------------	---





## CERTIFICATE OF SURVEY

I, Richard S. Kaiser, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 3rd day of June, 2005, I have dependently resurveyed a portion of the west boundary, and subdivisional lines, subdivided section 18, and performed a metes-and-bounds survey of a portion of the westerly right-of-way of Oregon State Highway No. 244, township 4 south, range 35 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.

June 12, 2006  
(Date)

Richard S. Kaiser  
(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, and subdivisional lines, the subdivision of section 18, and the metes-and-bound survey of a portion of the westerly right-of-way of Oregon State Highway No. 244, in T. 4 S., R. 35 E., Willamette Meridian, Oregon, executed by Richard S. Kaiser, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

June 20, 2006  
(Date)

John P. Fausworth, Acting  
(Chief Cadastral Surveyor of Oregon)