

R-636

Form 9600-9
(December 1979)
(formerly 9180-6)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY (WILLAMETTE BASE LINE),

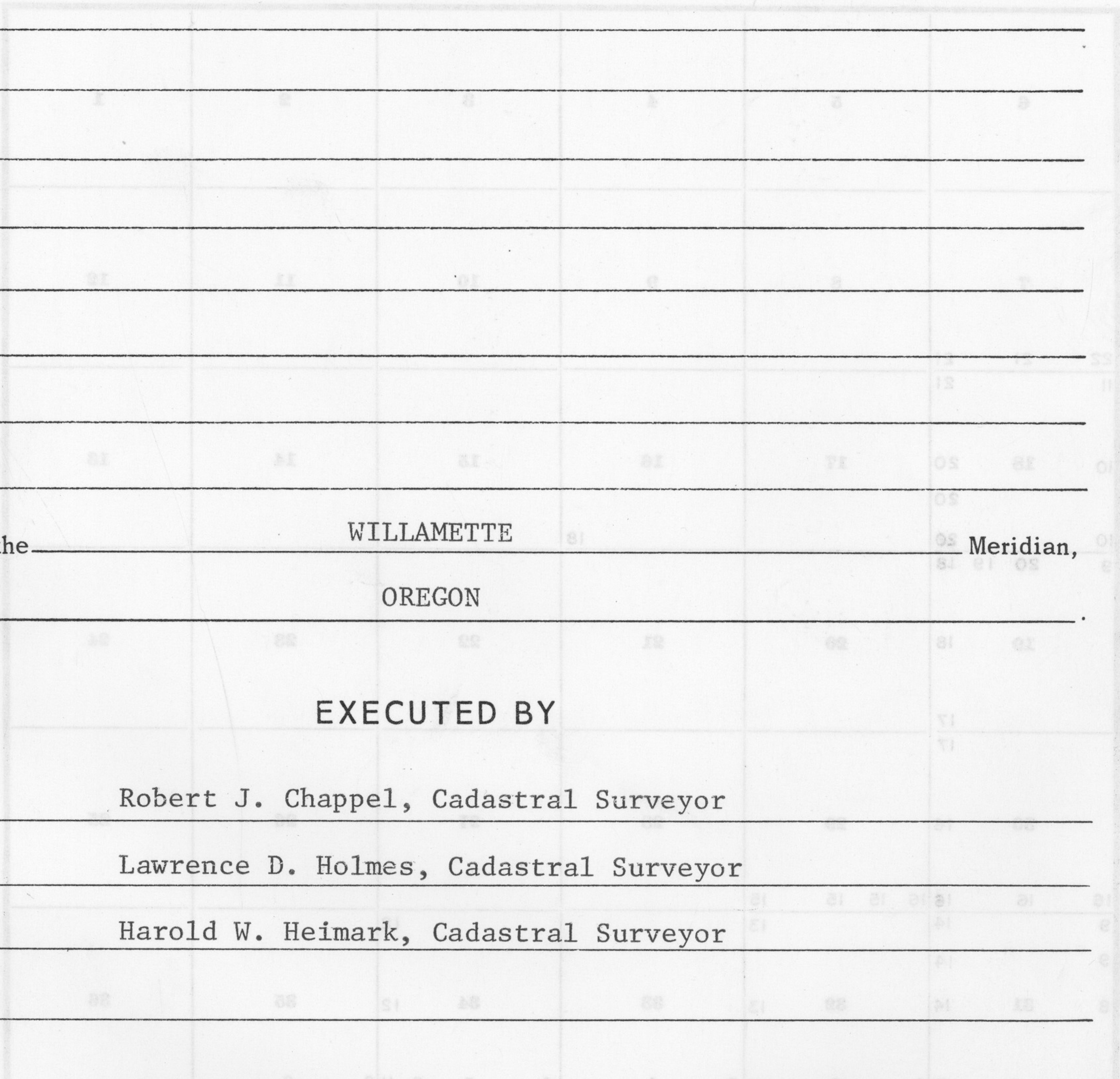
A PORTION OF THE WEST BOUNDARY AND SUBDIVISIONAL LINES, AND

SUBDIVISION OF SECTIONS 18, 31, AND 32,

TOWNSHIP 1 NORTH, RANGE 36 EAST,

INDEX DIAGRAM

Township 1 North Range 36 East



Of the WILLAMETTE Meridian,

In the State of OREGON

EXECUTED BY

Robert J. Chappel, Cadastral Surveyor

Lawrence D. Holmes, Cadastral Surveyor

Harold W. Heimark, Cadastral Surveyor

Under special instructions dated September 22, 1983, approved September 23, 1983.

_____, which provided for the surveys included under U.S. Survey Group
Number 1184, and assignment instructions dated September 29, 1983.
April 13, 1984, and June 1, 1984

Survey commenced October 17, 1983

Survey completed October 8, 1984

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF A PORTION OF THE SOUTH BOUNDARY (WILLAMETTE BASE LINE)

A PORTION OF THE WEST BOUNDARY AND SUBDIVISIONAL LINES, AND

SUBDIVISION OF SECTIONS 18, 31, AND 32,

TOWNSHIP 1 NORTH, RANGE 36 EAST,

INDEX DIAGRAM

Township 1 North, Range 36 East,

6	5	4	3	2	1
7	8	9	10	11	12
22 21 21 11	21 21				
10 18 20 20 10 9	20 19 18	17	16 18	15 14	13
19	18	20	21	22	23
	17 17				
16 9 9 8	16 14 14	16 15 15 13	15 13	12 12	25
8	7 7	6 6	13 5 4	4 3 3 11 2	2
	7	6	4	3	2

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T. 1 N., R. 36 E., Willamette Meridian, Oregon

CHAINS

The following field notes are those of the dependent resurvey of a portion of the south boundary (Willamette Base Line), a portion of the west boundary and subdivisional lines, and the subdivision of sections 18, 31, and 32, township 1 north, range 36 east, Willamette Meridian, Oregon.

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

In 1863, Timothy W. Davenport, U.S. Deputy Surveyor, surveyed the Willamette Base Line through range 36 east.

In 1871, Zenas F. Moody, U.S. Deputy Surveyor, surveyed the west boundary of the township.

In 1882, Herman D. Gradon, U.S. Deputy Surveyor, resurveyed the Willamette Base Line through range 36 east, and subdivided the township.

In 1895-96, Manius Buchanan, U.S. Deputy Surveyor, dependently resurveyed portions of the west boundary of the township.

In 1982, A. Joseph Garrison, Cadastral Surveyor, remonumented certain original corner points.

The survey was executed in accordance with the specifications as set forth in The Manual of Surveying Instructions, 1973, and the Special Instructions dated September 22, 1983, under Group Number 1184, Oregon.

Preliminary to the resurvey, the lines of the original surveys were retraced and a search was made for all corners and other calls of the record. Identified corners were remonumented in their original positions; lost corners were restored at proportionate positions based on the official record. The retracement data were thoroughly verified and only the true line field notes are given herein. All lines not forming a closure were measured twice.

The directions of the lines were determined by deflections from azimuths obtained by direct solar observations and refer to the true meridian.

The geographic position of the $\frac{1}{4}$ section corner of sections 7 and 18, as determined by a tie to triangulation station "GIBBON", established by the United States Geological Survey, in 1960, is as follows:

Latitude $45^{\circ} 34' 24.60''$ N. Longitude $118^{\circ} 21' 33.48''$ W.

The mean magnetic declination is 20° E.

Dependent Resurvey of a Portion of the South Boundary
(Willamette Base Line),
T. 1 N., R. 36 E., Willamette Meridian, Oregon

Restoring the survey by Timothy W. Davenport, in 1863,
the resurvey by Herman D. Gradon, in 1882, and the
remonumentation by A. Joseph Garrison, in 1982)

Dependent Resurvey of a Portion of the South Boundary
(Willamette Base Line),
T. 1 N., R. 36 E., Willamette Meridian, Oregon

CHAINS	<p style="text-align: center;">SC T 1 N R 36 E <u>S 31 S 32</u> 1982</p>
	<p>from which the remains of an original bearing tree</p> <p>A pine snag, 30 ins. diam., bears S. 80° W., 63 lks. dist., with scribe marks T1S R36E S6 visible on open blaze.</p> <p>and bearing trees mkd. by Garrison, in 1982</p> <p>A fir, 17 ins. diam., bears N. 8½° E., 121 lks. dist., with scribe marks T1N R36E S32 SC BT visible on open blaze.</p> <p>A pine, 16 ins. diam., bears N. 9° W., 43 lks. dist., with scribe marks T1N R36E S31 BT visible on open blaze.</p> <p>Corner is located on SE. slope.</p>
	<hr/> <p>S. 89° 51' W., on the S. bdy. of sec. 31.</p> <p>Ascend SE. slope, through scattering timber.</p>
11.40	Crow Ridge, and dirt road, 15 lks. wide, bears N. 20° W. and S. 20° E.; desc. over gradual W. slope.
24.71	Point for the ¼ sec. cor. of sec. 6, T. 1 S., R. 36 E., described in the field notes of the dependent resurvey of a portion of the subdivisional lines of T. 1 S., R. 36 E., executed concurrently under this same group.
40.44	<p>Point for the standard ¼ sec. cor. of sec. 31, T. 1 N., R. 36 E., at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 18 ins. in the ground, in a mound of stone, 3 ft. base, to top, with brass cap mkd.</p>
	<p style="text-align: center;">SC T 1 N R 36 E <u>¼ S 31</u> 1984</p>
	<p>from which</p> <p>A pine, 13 ins. diam., bears N. 76¼° E., 29 lks. dist., mkd. ¼ S31 SC BT.</p> <p>A pine, 7 ins. diam., bears N. 34° W., 25½ lks. dist., mkd. X BT.</p> <p>Corner is located in draw, drains S. 30° W.</p> <p>Ascend SE. slope.</p>
43.30	Spur, slopes S. 30° W.; desc. SW. slope.
48.80	Ravine, 15 lks. wide, drains S. 30° E.; asc. SE. slope.
64.88	True point for the closing cor. of T. 1 S., Rs. 35 and 36 E., described in the field notes of the dependent resurvey of a portion of the W. bdy. of T. 1 S., R. 36 E., executed concurrently under this same group.

Dependent Resurvey of a Portion of the South Boundary
(Willamette Base Line),
T. 1 N., R. 36 E., Willamette Meridian, Oregon

CHAINS	
65.80	Dirt road, 15 lks. wide, bears N. 35° W. and S. 35° E.; continue over rolling land.
91.49	<p>The standard cor. of T. 1 N., Rs. 35 and 36 E., determined at record distance from the original bearing trees:</p> <p>A spruce, 24 ins. diam., bears N. 17° E., 31 lks. dist., with scribe marks R36 visible on opened blaze and healed lower blaze. (Record, N. 60° E.)</p> <p>A fir, 14 ins. diam., bears N. 60° W., 37 lks. dist., with scribe marks BT visible on opened lower blaze and healed upper blaze. (Record, pine, N. 15° W.)</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>SC T 1 N R 35 E R 36 E S 36 S 31 ----- 1983</p> </div> <p>from which a new bearing tree</p> <p>A fir, 28 ins. diam., bears N. 79° W., 52 lks. dist., mkd. T1N R35E S36 SC BT.</p> <p>Corner is located on level land, 9 lks. S. of barbed wire fence, bears E. and W.</p>
<p>Dependent Resurvey of a Portion of the West Boundary, T. 1 N., R. 36 E., Willamette Meridian, Oregon</p>	
<p>(Restoring the survey by Zenas F. Moody, in 1871, the resurvey by Manius Buchanan, in 1895-96, and the remonumentation by A. Joseph Garrison, in 1982)</p>	
<p>From the standard cor. of T. 1 N., Rs. 35 and 36 E. N. 0° 35' W., bet. secs. 31 and 36. Descend over gentle N. slope, through scattering timber.</p>	
8.40	Dirt road, 20 lks. wide, bears S. 75° E. and S. 75° W.
40.40	<p>The ¼ sec. cor. of secs. 31 and 36, determined at record bearing and distance from the remains of an original bearing tree:</p> <p>A pine, 33 ins. diam., bears S. 65° E., 10 lks. dist., with illegible scribe marks visible on partially healed face and healed lower blaze.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>T 1 N R 35 E ¼ R 36 E S 36 S 31 ----- 1984</p> </div>

Subdivision of Section 32,
T. 1 N., R. 36 E., Willamette Meridian, Oregon

CHAINS	
19.90	The NW 1/16 sec. cor. of sec. 32. Over nearly level bottom land.
20.30	Center line of Union Pacific Railroad, bears N. 10° W. and S. 10° E.; asc. steep E. slope.
39.80	The N 1/16 sec. cor. of secs. 31 and 32.
	GENERAL DESCRIPTION
	<p>The area encompassed in this survey is located approximately 40 miles southeast of Pendleton, Oregon. The terrain is steep and broken with Meacham Canyon making a southeasterly loop through sections 31 and 32, eventually draining northwesterly through the middle of the township. Elevations range from about 2400 feet above seal level in meacham Canyon to about 4300 feet above sea level on top of Horseshoe Ridge on the line between sections 32 and 33. Access is by private and Forest Service dirt roads and the Union Pacific Railroad, which runs through the bottom of Meacham Canyon.</p> <p>All streams drain into Meacham Creek, which drains northwesterly out of Meacham Canyon. The north slopes are heavily timbered and the south slopes are open with scattering timber in the draws and on the ridge tops. Timber is mixed confer, predominately ponderosa pine and Douglas fir, with stands of western larch.</p> <p>The principal uses of the area are livestock grazing and logging.</p> <p>There were no mineral deposits noted along the lines surveys.</p> <p>The average of several reading taken through the area gives a value of 20° E. for the mean magnetic declination.</p>

CERTIFICATE OF SURVEY

(X) (We), Robert J. Chappel, Lawrence D. Holmes, and Harold W. Heimark, Cadastral Surveyors, , HEREBY

CERTIFY upon honor that, in pursuance of special instructions bearing date of the 22nd day

of September , 19 83 , (X) (We) have dependently resurveyed a portion of the south boundary (Willamette Base Line), a portion of the west boundary and subdivisional lines, and subdivided sections 18, 31, and 32, township 1 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), (us) and under (my) (our) direction; and that 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.

May 20, 1987 (Date) Robert J. Chappel (Cadastral Surveyor)
June 1, 1987 (Date) Lawrence D. Holmes (Cadastral Surveyor)
June 18, 1987 (Date) Harold W. Heimark (Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Portland, Oregon

The foregoing field notes of the dependent resurvey of a portion of the south boundary (Willamette Base Line), a portion of the west boundary and subdivisional lines, and the subdivision of sections 18, 31, and 32, township 1 north, range 36 east, Willamette Meridian, Oregon,

executed by Robert J. Chappel, Lawrence D. Holmes, and Harold W. Heimark, Cadastral Surveyors, having been critically examined and found correct, are hereby approved.

July 2, 1987 (Date) William W. Glenn (Signature of Authorized Officer) (Chief Cadastral Surveyor of Oregon)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above-described surveys in , is a true copy of the original field notes.

(Date) (Signature of Authorized Officer) (Chief Cadastral Surveyor of Oregon)