

CHAINS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FIELD NOTES  
OF THE  
DEPENDENT RESURVEY OF A PORTION OF THE NORTH BOUNDARY  
AND SUBDIVISIONAL LINES,  
TOWNSHIP 30 SOUTH, RANGE 9 WEST,  
OF THE WILLAMETTE MERIDIAN,  
IN THE STATE OF OREGON.

EXECUTED BY

*Wayne L. Rogers, Cadastral Surveyor*  
*Robert H. Browning, Surveying Technician*

Under Special Instructions dated December 13, 1990,  
approved December 14, 1990,  
which provided for the surveys included under Group No. 1579,  
and Assignment Instructions dated January 29, 1991.

*Survey commenced February 4, 1991*

*Survey completed April 9, 1991*

## T. 30 S., R. 9 W., Willamette Meridian, Oregon

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The following field notes are those of the dependent resurvey of a portion of the north boundary and subdivisional lines, township 30 south, range 9 west, Willamette Meridian, Oregon.

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

The boundaries and a portion of the subdivisional lines were surveyed by Dennis Hathorn, U.S. Deputy Surveyor, in 1855.

Portions of the north boundary were resurveyed by William M. Porter, U.S. Deputy Surveyor, in 1907.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated December 13, 1990, for Group No. 1579, Oregon.

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

Preliminary to the resurvey, the lines of the original surveys were retraced and search was made for all corners and other calls of the record. Identified corners were remonumented in their original positions. The retracement data were thoroughly verified and only the true line field notes are given herein. Only those lines bounding public lands were blazed. All lines not forming a closure were measured twice.

Detectable Electronically Energized Particles (DEEP-1 TM) were buried as memorials at certain corner monuments. The DEEP-1 is composed of strontium encased in a color coded plastic container. The units are 1 inch in diameter, 2½ inches long, weigh 2½ ounces, and are magnetically detectable to an average depth of 8 feet.

The geographic position (NAD 1927) of the corner of sections 3, 4, 33, and 34 on the north boundary of the township, as determined from a tie to United States Coast and Geodetic Survey triangulation station "CAMAS 2," is as follows:

Latitude 42° 59' 47.33" N. Longitude 123° 45' 37.43" W.

The mean magnetic declination is 18° East.

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**Dependent Resurvey of a Portion of the North Boundary,  
T. 30 S., R. 9 W., Willamette Meridian, Oregon**

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(Restoring the survey by Dennis Hathorn in 1855)

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Beginning at the 1/4 sec. cor. of secs. 3 and 34 on the N. bdy. of the Tp., perpetuated by James W. Byron, Deputy County Surveyor, in 1959, from original evidence no longer in existence, recorded in Douglas County Surveyors Office, C. S. File No. 49/100, monumented with an iron post 1¼ ins. diam., firmly set, projecting 16 ins. above ground, with brass cap mkd.

Dependent Resurvey of a Portion of the North Boundary,  
T. 30 S., R. 9 W., Willamette Meridian, Oregon

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	COUNTY SURVEYORS OFFICE T29S R9W S 34 1/4 ----- S 3 T30S R9W 1959
	from which a bearing tree mkd. by Byron  A fir, 13 ins. diam., bears N. 28° E., 27 lks. dist., with healed double blaze.  and a new bearing tree  A fir, 6 ins. diam., bears S. 68° W., 17 lks. dist., mkd. X BT.  N. 89° 47' 00" W., bet. secs. 3 and 34.  Ascend broken NE. slope, through scattering timber and dense undergrowth.
34.685	From this point, the most northerly Lot corner of the KPIC TV relay station established by James W. Byron, Registered Land Surveyor No. 303, in 1967, bears South, 0.315 chs. dist., monumented with an iron pipe, 1 in. diam., firmly set, projecting 14 ins. above ground.
35.00	Top of ascent; continue over level ground.
35.60	Single strand powerline bears N. 35° W. and S. 35° E.
37.30	Dirt road, 15 lks. wide, bears N. 35° W. and S. 35° E.
39.845	The cor. of secs. 3, 4, 33, and 34, determined at record bearing and distance from the remains of an original bearing tree:  A fir stump, 30 ins. diam., bears N. 70° E. , 33 lks. dist., with scribe marks BT visible on opened blaze.  At the corner point  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 25 ins. in the ground, with brass cap mkd.  <div style="text-align: center;">             T29S    R9W              S33 * S34              -----              S4    * S3              T30S    R9W              1991           </div> from which new bearing trees  A fir, 14 ins. diam., bears N. 70° E., 49 lks. dist., mkd. T29S R9W S34 BT.  A fir, 7 ins. diam., bears S. 8° E., 27 lks. dist., mkd. T30S R9W S3 BT.

**Dependent Resurvey of a Portion of the North Boundary,  
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A fir, 9 ins. diam., bears S. 41° W., 23 lks. dist., mkd.  
T30S R9W S4 BT.

A fir, 7 ins. diam., bears N. 82° W., 15 lks. dist., mkd.  
T29S R9W S33 BT.

Deposit white "DEEP-1" magnetic marker at base of stainless steel post.

From this point, a point established by persons unknown, bears S. 58° 54' 30" W., 0.305 chs. dist., monumented with an iron rod, 5/8 in. diam., firmly set, projecting 3 ins. above ground.

From this same point, United States Coast and Geodetic Survey triangulation station "CAMAS 2," bears N. 66° 27' 28" W., 74.658 chs. dist. (mean bearing and sea level distance), monumented with a brass tablet, 3½ ins. diam., set flush in a concrete post, 12 x 12 ins., firmly set, projecting 12 ins. above ground, in the center of the base of lookout tower, with brass cap mkd. U.S.C. & G.S. CAMAS 1942.

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**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 30 S., R. 9 W., Willamette Meridian, Oregon**

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(Restoring the survey by Dennis Hathorn in 1855)

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From the 1/4 sec. cor. of secs. 3 and 4, perpetuated by Ben B. Irving, Deputy County Surveyor, in 1927, from original evidence no longer in existence, recorded in Douglas County Surveyors Office, C. S. File No. 37/115, and further perpetuated by James W. Byron, Deputy County Surveyor, in 1963, recorded in Douglas County Surveyors Office C.S. File No. 49/100, monumented with an iron post, 1¼ ins. diam. firmly set in concrete, projecting 16 ins. above ground, with brass cap mkd.

COUNTY SURVEYORS OFFICE  
T30S R9W  
1/4  
S 4 \* S 3  
1963

from which theremains of a bearing tree mkd. by Irving

A fir stump, 22 ins. diam., bears N. 26° E., 17 lks. dist.,  
no marks visible.

and bearing trees mkd. by Byron

A hemlock, 25 ins. diam., bears N. 76° E., 42 lks. dist.,  
with healed blaze.

A hemlock, 18 ins. diam., bears N. 27° W., 63½ lks. dist.,  
with healed blaze.

N. 0° 51' 30" W., bet. secs. 3 and 4.

**Dependent Resurvey of a Portion of the Subdivisional Lines,  
T. 30 S., R. 9 W., Willamette Meridian, Oregon**

CHAINS	Ascend gentle broken SW. slope, through scattering timber and dense undergrowth.
4.05	Dirt road, 10 lks. wide, bears N. 60° E. and S. 60° W.
14.35	Paved road, 25 lks. wide, bears N. 50° W. and S. 55° E.
20.125	Point for the N 1/16 sec. cor. of secs. 3 and 4.  Set a stainless steel post, 28 ins. long, 2½ ins. diam., 26 ins. in the ground, with brass cap mkd.  <div style="text-align: center;"> <p>N 1/16 S 4 * S 3 1991</p> </div> <p>from which</p> <p style="padding-left: 40px;">A hemlock, 7 ins. diam., bears N. 53° E., 11½ lks. dist., mkd. N 1/16 S3 BT.</p> <p style="padding-left: 40px;">A cedar, 5 ins. diam., bears S. 60° W., 3½ lks. dist., mkd. N 1/16 S4 BT.</p> <p>Deposit white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>Continue over gentle broken SW. slope.</p>
39.145	The cor. of secs. 3, 4, 33, and 34, on the N. bdy. of the Tp.
	<hr/> <p><b>GENERAL DESCRIPTION</b></p> <p>The lands included in the foregoing resurvey are located in Douglas County approximately three miles southwest of Camas Valley, Oregon. The elevations range from 1,800 feet above sea level to about 2,600 feet above sea level.</p> <p>The area is drained by an unnamed stream with numerous small and seasonal drainages flowing into the Middle Fork of the Coquille River. The soil consists of a clay loam with a sandy loam in the creek bottoms. The lands are forested with fir, cedar, hemlock, yew, pine, alder, cherry, maple, oak, madrone, willow, ash, and chinquapin. Undergrowth consists of ferns, poison oak, arrowwood, hazel, Oregon grape, salal, huckleberry, blackberry, thimbleberry, salmonberry, gooseberry, currant, wild rose, rhododendron, manzanita, and young timber.</p> <p>Access is gained via State Highway 42 with several paved and graveled roads branching from it into the area.</p> <p>There were no mineral deposits noted along the line resurveyed. The land is used primarily for timber production and recreation.</p> <p>The mean magnetic declination is 18° East, with a range of ½° due to local attraction.</p>