

CHAINS

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

FIELD NOTES
OF THE
DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY,
TOWNSHIP 24 SOUTH, RANGE 6 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 April 9, 1993, approved April 12, 1993,
which provided for the surveys included under Group No. 1687,
and Assignment Instructions dated May 5, 1993.

Survey commenced May 6, 1993

Survey completed June 2, 1993

T. 24 S., R. 6 W., Willamette Meridian, Oregon

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The following notes are those of a dependent resurvey of a portion of the west boundary of township 24 south, range 6 west, Willamette Meridian, Oregon.

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

The west boundary was surveyed by Robert Elder and Henry S. Gile, U.S. Deputy Surveyors, in 1853.

A portion of the subdivisional lines of T. 24 S., R. 7 W. was surveyed by Dennis Hathorn, U.S. Deputy Surveyor, in 1857.

A portion of the subdivisional lines was surveyed by Williams R. Whipple, U.S. Deputy Surveyor, in 1891.

A portion of the west boundary was resurveyed by Orville N. Eggen, Cadastral Surveyor, in 1957. This survey was suspended on March 6, 1964.

A portion of the west boundary was correctively resurveyed by Floyd A. Brooks, Cadastral Surveyor, in 1964. This survey was suspended on February 6, 1992.

A portion of the west boundary was correctively resurveyed by Dale T. Bedell, Cadastral Surveyor, in 1992-93.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated April 9, 1993, for Group No. 1687, Oregon.

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.

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. 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.

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 1/4 section corner of sections 7 and 12, on the west boundary of the township, as determined from a tie to Douglas County Surveyor's Office Horizontal Control Station "MICHAEL," is as follows:

Latitude 43° 29' 51.97" N. Longitude 123° 27' 54.64" W.

The mean magnetic declination is 19° East.

**Dependent Resurvey of a Portion of the West Boundary,
T. 24 S., R. 6 W., Willamette Meridian, Oregon**

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(Restoring the survey by Robert Elder and Henry Gile
in 1853, the resurvey by Orville Eggen in 1957,
and the resurvey by Dale Bedell in 1992-93)

Beginning at the cor. of secs. 7, 12, 13, and 18, on the W. bdy. of the Tp., perpetuated by Richard C. Grant for Martin Bros. Box Co., in 1954 (as recorded in Douglas County Surveyor's Office File 41/321), from original evidence no longer in existence, and further perpetuated by Don E. Garrett, Registered Land Surveyor No. 544, in 1966 (as recorded in Douglas County Surveyor's Office Map File M33-8), monumented with an iron pipe, 1/2 in. diam., firmly set, projecting 4 ins. above the ground, from which a bearing tree mkd. by Grant:

A grand fir, 27 ins. diam., bears N. 85° E., 28 lks. dist., with a healed blaze.

and a bearing tree mkd. by Garrett

A grand fir, 22 ins. diam., bears S. 74° E., 90 lks. dist., with a healed double blaze.

and a bearing tree for which we have no record

A madrone, 28 ins. diam., bears N. 73° W., 30 lks. dist., with a healed blaze.

At the corner point

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T24S
R7W R6W
S 12 * S 7

S 13 * S 18
1993

from which a new bearing tree

A fir, 12 ins. diam., bears S. 24° W., 14 lks. dist., mkd. T24S R7W S13 BT.

Deposit the iron pipe inside and a white "DEEP-1" magnetic marker at base of stainless steel post.

N. 0° 06' 00" W., bet. secs. 7 and 12, on W. bdy. of the Tp.

Descend over broken NE. slope, through heavy timber and dense undergrowth.

5.25 Creek, 1 lk. wide, course N. 55° W.; asc. over SW. slope.

6.90 Spur, slopes N. 25° W.; desc. over a broken NE. slope.

8.10 Dirt road, 20 lks. wide, bears S. 55° E. and S. 85° W., in a curve.

**Dependent Resurvey of a Portion of the West Boundary,
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34.35	Graveled road, 25 lks. wide, bears N. 85° E. and S. 85° W.
36.45	Yellow Creek, 40 lks. wide, course S. 80° W.; asc. over SW. slope.
40.275	<p>The 1/4 sec. cor. of secs. 7 and 12, reestablished by proportionate measurement by the International Paper Co. in 1971 (as per records obtained from International Paper Co.). There is no remaining evidence of the original corner, therefore, this position is accepted as the corner, monumented with an iron pipe, 1 in. diam., firmly set, projecting 20 ins. above ground, from which the reference trees by International Paper Co.:</p> <p style="padding-left: 40px;">A fir, 13 ins. diam., bears N. 33½° E., 15 lks. dist., with a metal International Paper Co. Tag.</p> <p style="padding-left: 40px;">A fir, 18 ins. diam., bears N. 32° W., 31 lks. dist., with a metal International Paper Co. Tag.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 25 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T24S R7W R6W 1/4 S 12 * S 7 1993</p> <p>from which new bearing trees</p> <p style="padding-left: 40px;">A fir, 15 ins. diam., bears N. 73° E., 15½ lks. dist., mkd. 1/4 S7 BT.</p> <p style="padding-left: 40px;">A fir, 12 ins. diam., bears S. 17° W., 30 lks. dist., mkd. 1/4 S12 BT.</p> <p>Deposit the iron pipe inside and a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>From this point, Douglas County Surveyor's Office Horizontal Control Station "MICHAEL," at latitude 43° 29' 29.969" and longitude 123° 29' 03.192" (NAD 1927), bears S. 66° 12' 33" W. (mean bearing), 83.671 chs. dist. (sea level dist.), monumented with a brass cap, 3 ins. diam., cemented into the NE. corner of a concrete bridge across Yellow Creek, with top mkd. U. S. Coast and Geodetic Survey and state survey station No. MICHAEL Elevation DCSO 1981 Feet.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 0° 08' 00" W., beginning new measurement.</p> <p>Ascend over SW. slope, changing to SE. slope.</p>
17.75	Creek, 1 lk. wide, course S. 55° E.; asc. over broken SW. slope.
31.80	Spur, slopes SE.; desc. over a NE. slope.
40.300	The cor. of secs. 1, 6, 7, and 12, monumented with an iron post, 2 ins. diam., firmly set, projecting 14 ins. above ground, in a mound of stone, 3 ft. base, 1 ft. high, with brass cap mkd.

**Dependent Resurvey of a Portion of the West Boundary,
T. 24 S., R. 6 W., Willamette Meridian, Oregon**

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T24S
R7W R6W
S 1 * S 6

S 12 * S 7
1957

from which the remains of the original bearing trees

A fir, 57 ins. diam., bears S. 89 3/4° E., 64 lks. dist., no scribe marks visible on an open blaze.

A decayed fir stump, 40 ins. diam., bears S. 89° W., 62 lks. dist., no marks visible.

and a bearing tree mkd. by Eggen

A fir, 21 ins. diam., bears N. 71½° E., 92 lks. dist., with a healed blaze.

and bearing trees mkd. by Bedell

A fir, 14 ins. diam., bears S. 44¼° W., 75 lks. dist., with scribe marks T24S R7W S12 BT visible on open blaze.

A maple, 26 ins. diam., bears N. 23½° W., 68 lks. dist., with scribe marks T24S R7W S1 BT visible on open blaze.

GENERAL DESCRIPTION

The lands included in the foregoing survey are located in Douglas County approximately 11 miles northwesterly of the town of Sutherlin, Oregon.

The terrain is mountainous with elevations ranging from 280 feet above sea level near the 1/4 section corner of sections 7 and 12, to approximately 1,400 feet above sea level at the corner of sections 1, 6, 7, and 12. The area is drained by numerous small and seasonal creeks flowing into Yellow Creek.

The soil is made up of a clay loam. The lands are forested with fir, cedar, hemlock, yew, alder, maple, oak, madrone, willow, ash, and chinquapin. The undergrowth consists of ferns, poison oak, arrowwood, hazel, Oregon grape, salal, huckleberry, blackberry, thimbleberry, salmonberry, wild rose, manzanita, and young timber.

Access is via a graveled road along Yellow Creek.

No mineral deposits were noted along the lines surveyed.

The mean magnetic declination as shown on the United States Geological Survey, 7½ minute, quadrangle map, "TYEE MOUNTAIN, OREGON," provisional edition, published in 1987, is 19° East.