

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

FIELD NOTES  
OF THE  
DEPENDENT RESURVEY OF A PORTION OF THE WEST BOUNDARY  
AND  
THE SUBDIVISION OF SECTION 19,  
**TOWNSHIP 23 SOUTH, RANGE 9 WEST,**  
OF THE  
WILLAMETTE MERIDIAN  
IN THE STATE OF OREGON.

**EXECUTED BY**

**John A Farmer, Cadastral Surveyor**

Under Special Instructions dated August 28, 1995,  
and approved August 28, 1995,  
which provided for the surveys included under Group No. 1789,  
and Assignment Instructions dated September 8, 1995.

**Survey commenced September 25, 1995**

**Survey completed October 12, 1995**

## T. 23 S., R. 9 W., Willamette Meridian, Oregon

## CHAINS

The following field notes are those of the dependent resurvey of a portion of the west boundary and the subdivision of section 19, in township 23 south, range 9 west, Willamette Meridian, Oregon.

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

The west boundary and a portion of the subdivisional lines were surveyed by William H. Byars, U.S. Deputy Surveyor, in 1878-79.

A portion of the west boundary was dependently resurveyed by Donald R. Beck, Cadastral Surveyor, in 1967.

A portion of the subdivisional lines was dependently resurveyed by James E. Jelly and Rolla R. Steward, Cadastral Surveyors, in 1969-70.

A portion of the subdivisional lines was dependently resurveyed by Jack W. Bowder, Cadastral Surveyor, in 1977.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated August 28, 1995, for Group No. 1789, 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. 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.

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 section corner of sections 19, 24, 25 and 30, on the west boundary of the township, as determined from a tie to Geodetic Control Station No. 41189, established by the Bureau of Land Management in 1993, is as follows:

Latitude: 43° 32' 42.24" N. Longitude: 123° 48' 56.59" W.

The mean magnetic declination is 19° East.

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**Dependent Resurvey of a Portion of the West Boundary,  
T. 23 S., R. 9 W., Willamette Meridian, Oregon**

CHAINS

(Restoring the survey by William H. Byars in 1878-79,  
the resurvey by Donald R. Beck in 1967,  
and the resurvey by Jack W. Bowder in 1977)

Beginning at the cor. of secs. 19, 24, 25 and 30, on the W. bdy.  
of the Tp., monumented with an iron post, 2 ins. diam., firmly  
set, projecting 4 ins. above ground, with brass cap mkd.

COUNTY SURVEYORS

T23S

R 24 \* 19 R

10 ----- 9

W 25 \* 30 W

1957

OFFICE

from which bearing trees mkd. James W. Bryon in 1957, recorded by  
Bowder

A fir, 20 ins. diam., bears S. 69¼° E., 38 lks. dist., with  
healed blaze.

A fir stump, 24 ins. diam., bears S. 64½° W., 65 lks. dist.,  
with healed blaze.

A fir stump, 8 ins. diam., bears S. 89° W., 58 lks. dist.,  
with healed blaze. (Record N. 89° W.)

and bearing trees recorded by Bowder

A fir stump, 22 ins. diam., bears N. 63 3/4 ° E., 77 lks.  
dist., with illegible scribe marks visible on an open  
blaze.

A fir stump, 24 ins. diam., bears N. 56 3/4° E., 65½ lks.  
dist., with healed blaze.

and new bearing trees

A fir, 13 ins. diam., bears S. 16 3/4° W., 66 lks. dist.,  
mkd. T23S R10W S25 BT.

A fir, 9 ins. diam., bears N. 29 3/4° W., 65½ lks. dist.,  
mkd. T23S R10W S24 BT.

From this point, a geodetic control station established by the  
Control Survey Unit of the Oregon State Office, Bureau of Land  
Management, in 1993, at latitude 43° 32' 17.547" N. and longitude  
123° 49' 36.378" W., bears S. 49° 31' 53" W., 58.368 chs. dist.  
(mean bearing and sea level distance); monumented with an aluminum  
cap, 3¼ ins. diam., firmly set flush with the ground, mkd. EC  
41189-GPS-1993.

N. 1° 10' 30" W., bet. secs. 19 and 24, on the W. bdy. of the Tp.

Ascend over SW. slope, through moderate timber and dense  
undergrowth.

**Dependent Resurvey of a Portion of the West Boundary,  
T. 23 S., R. 9 W., Willamette Meridian, Oregon**

CHAINS	
18.70	Spur, slopes W.; desc. over NW. slope.
22.35	Head of ravine, drains N. 75° W.; asc. over SW. slope.
27.80	Spur, slopes N. 40° W.; desc. over NW. slope.
35.55	Creek, 2 lks. wide, course N. 20° W.; asc. over SW. slope.
36.40	Spur, slopes N. 30° W.; desc. over NE. slope.
38.935	The 1/4 sec. cor. of secs. 19 and 24, established by proportionate measurement by Lloyd D. Smith, Registered Land Surveyor, No. 1101, in 1981, recorded in Douglas County Survey Plat File No. M89-40, and further recorded by Lloyd D. Smith in 1981, recorded in Douglas County Survey Plat File No. M89-76 and M89-69, there is no remaining evidence of the original corner, therefore this position is accepted as the corner; monumented with an iron post, 2½ ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd.
	<p>OREGON STATE BOARD OF FORESTRY T23S 1/4 R10W * R9W S 24 * S 19 1981 RS 1101</p>
	from which bearing trees mkd. and a bearing object set by Smith
	A hemlock, 27 ins. diam., bears S. 10° E., 40 lks. dist., with illegible scribe marks visible on partially healed blaze.
	A hemlock, 22 ins. diam., bears N. 47½° W., 33 lks. dist., with healed blaze.
	From this point, a point established as the ¼ sec. cor. of secs. 19 and 24 by Arnold G. Gibson, Registered Land Surveyor No. 359, in 1972, recorded in Douglas County Survey Plat File No. M47-1, bears N. 80° 03' W., 0.360 chs. dist.; monumented with an iron rod, 5/8 in. diam., firmly set 1 in. below the surface of the ground. This proportioned point is improperly positioned and is not utilized in this survey.
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	N. 1° 10' 30" W., beginning new measurement.
	Continue descent over NE. slope.
20.80	Enter nearly level pasture land, edge bears N. 70° E. and S. 70° W.
21.00	Asphalt road, 40 lks. wide, bears N. 70° E. and S. 70° W.
38.960	The cor. of secs. 13, 18, 19 and 24, monumented with an iron post, 2½ ins. diam., firmly set flush with the ground, with brass cap mkd.

**Dependent Resurvey of a Portion of the West Boundary,  
T. 23 S., R. 9 W., Willamette Meridian, Oregon**

CHAINS

T23S  
R10W R9W  
S 13 \* S 18  
-----  
S 24 \* S 19  
1967

from which the remains of bearing trees mkd. by Beck

A myrtle, 7 ins. diam., bears N.  $68\frac{1}{2}^{\circ}$  E., 339 lks. dist., no marks visible on open decayed blaze. (Record N.  $69^{\circ}$  E.)

a bearing tree not of known record

An ash, 15 ins. diam., bears N.  $0\frac{1}{2}^{\circ}$  E., 122 lks. dist., with illegible scribe marks on partially healed blaze.

and a new bearing tree

A twin ash, 6 ins. diam., bears N.  $89\frac{1}{4}^{\circ}$  W., 341 lks. dist., mkd. T23S R10W S13 BT.

No other suitable accessories available.

The corner is located at the intersection of fences which extend N., E., and W.

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**Subdivision of Section 19,  
T. 23 S., R. 9 W., Willamette Meridian, Oregon**

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From the  $\frac{1}{4}$  sec. cor. of secs. 19 and 20, monumented with an iron post,  $2\frac{1}{2}$  ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.

T23S R9W  
1/4  
S 19 \* S 20  
1969

from which the remains of bearing trees mkd. by Jelly and Steward

A fir, 34 ins. diam., bears S.  $51^{\circ}$  E., 210 lks. dist., with healed blaze.

A fir snag, 24 ins. diam., bears S.  $10^{\circ}$  W., 235 lks. dist., with healed blaze. (Record S.  $11^{\circ}$  W.)

and a new bearing tree

A fir, 20 ins. diam., bears S.  $19\frac{1}{4}^{\circ}$  W.,  $256\frac{1}{2}$  lks. dist., mkd.  $\frac{1}{4}$  S19 BT.

N.  $88^{\circ} 26' 00''$  W., on the E. and W. center line of sec. 19.

Subdivision of Section 19,  
T. 23 S., R. 9 W., Willamette Meridian, Oregon

CHAINS	<p>Ascend over NE. slope, through moderate timber and moderate undergrowth.</p> <p>10.15 Asphalt road, 20 lks. wide, bears N. 50° W. and S. 50° E.</p> <p>29.00 Spur, slopes N. 15° W.; desc. over NW. slope.</p> <p>33.625 Point selected for a witness point, on the E. and W. center line of sec. 19.</p> <p>Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">WP C ----- C S 19 1995</p> <p>from which</p> <p style="padding-left: 40px;">A fir, 23 ins. diam., bears N. 22° E., 70½ lks. dist., mkd. WP S19 BT.</p> <p style="padding-left: 40px;">A fir, 13 ins. diam., bears S. 51° E., 12½ lks. dist., mkd. X BT.</p> <p>Continue descent over NW. slope.</p> <p>40.65 Creek, 3 lks. wide, course N. 30° E.; asc. over NE. slope.</p> <p>57.65 Top of ascent, across N. facing slope.</p> <p>59.15 Short descent over W. slope.</p> <p>68.35 Ravine, drains N.; asc. over NE. slope.</p> <p>78.625 The 1/4 sec. cor of secs. 19 and 24.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The area covered in this resurvey is located approximately 10 miles south of Scottsburg, Oregon, near the area of Ash Valley. Access into the area is by way of Oregon State Highway No. 38, Mill Creek Road, and Ash Valley Road with several dirt and graveled roads branching off of them.</p> <p>The area is mountainous and lies mainly on the divide between Soup Creek and Lake Creek. The area is well watered with numerous tributaries draining into Soup Creek to the north and Lake Creek to the south. Lake Creek is the main tributary and drains westerly, in the area of the survey, and eventually drains in a northerly direction. Soup Creek drains westerly into Lake Creek which drains northerly into Loon Lake, and eventually to the Umpqua River. The elevation ranges from about 425 feet above sea level near the section corner of sections 13, 18, 19 and 24, to about 1120 feet above sea level in the southwest 1/4 of section 19.</p>
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## T. 23 S., R. 9 W., Willamette Meridian, Oregon

CHAINS

The soil in the area is composed of a rocky clay and is suited primarily for the growing of timber, with timber harvesting being the chief activity of the area. Timber consists of fir, hemlock, cedar, alder, maple, chinquapin, and yew. The undergrowth consists mainly of hazel, rhododendron, willow, huckleberry, salmonberry, blackberry, salal, Oregon grape and fern.

The only dwellings in the area surveyed are along Soup Creek in section 20 and in section 30 near the corner of sections 19, 24, 25, and 30 on the west boundary of the township.

There was no evidence of minerals noted in the area.

The mean magnetic declination is 19° East, as shown on the United States Geological Survey quadrangle map "LOON LAKE, OREG.," 7½ minute series, dated 1985.

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