

CHAINS

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES
OF THE
DEPENDENT RESURVEY OF A PORTION OF THE SUBDIVISIONAL LINES
AND
THE SUBDIVISION OF SECTION 15,
TOWNSHIP 24 SOUTH, RANGE 6 WEST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON.

EXECUTED BY

Wayne L. Rogers, Cadastral Surveyor

Under Special Instructions dated July 30, 1991, approved July 31, 1991,
which provided for the surveys included under Group No. 1623,
and Assignment Instructions dated August 15, 1991.

Survey commenced September 5, 1991

Survey completed October 2, 1991

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

CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines and subdivision of section 15, township 24 south, range 6 west, Willamette Meridian, Oregon.

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

A portion of the subdivisional lines was surveyed by Robert Elder and Henry S. Gile, U. S. Deputy Surveyors, in 1853.

A portion of the subdivisional lines was resurveyed and section 11 was subdivided by Daniel L. Berry and Charles E. Akin, Jr., Cadastral Surveyors, and Glenn S. Baughman, Registered Land Surveyor, under contract, in 1973-75.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated July 30, 1991, for Group No. 1623, Oregon.

Preliminary to the resurvey, the lines of the prior surveys were retraced and search was made for all corners and other calls of the record. The lost one-quarter section corner of sections 14 and 15 was reestablished and remonumented at its proportionate position based on the official record. The retracement data were thoroughly verified and only the true line field notes are given herein.

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.

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 one-quarter section corner of sections 15 and 22, as determined by a tie to Geodetic Control Station No. 71013 "SWAN," established by the Bureau of Land Management Geodetic Control Unit in 1987, using the Doppler Global Positioning Method, at the corner of sections 22, 23, 26, and 27, township 24 south, range 6 west, is as follows:

Latitude: 43° 28' 33.31" N. Longitude: 123° 23' 42.13" W.

The mean magnetic declination is 19° 00' East.

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

(Restoring the survey by Robert Elder and Henry S. Gile, in 1853, and the resurvey by Daniel L. Berry, Charles E. Akin, Jr., and Glenn S. Baughman, in 1973-75)

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

CHAINS	
	<p>Beginning at the cor. of secs. 14, 15, 22, and 23, monumented with an iron post, 2½ ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">T24S R6W S 15 * S 14 ----- S 22 * S 23 1973</p> <p>from which the remains of the original bearing trees</p> <p style="padding-left: 40px;">A white oak, 38 ins. diam., bears N. 57° E., 31 lks. dist., with healed double blaze.</p> <p style="padding-left: 40px;">A white oak, 36 ins. diam., bears S. 7 ¾° E., 306 lks. dist., with healed double blaze.</p> <p style="padding-left: 40px;">A white oak, 34 ins. diam., bears N. 45° W., 47 lks. dist., with healed double blaze.</p> <p>and bearing trees mkd. by James W. Byron, Deputy County Surveyor, in 1958</p> <p style="padding-left: 40px;">A fir, 23 ins. diam., bears N. 5° E., 57 lks. dist., with healed double blaze.</p> <p style="padding-left: 40px;">A white oak, 10 ins. diam., bears S. 81° E., 55½ lks. dist., with healed double blaze.</p> <p style="padding-left: 40px;">A white oak, 8 ins. diam., bears S. 65° W., 40 lks. dist., with healed double blaze.</p> <p style="padding-left: 40px;">A white oak, 16 ins. diam., bears N. 46° W., 16 lks. dist., with healed double blaze.</p> <p>N. 0° 05' 30" E., bet. secs. 14 and 15.</p> <p>Descend over NW. slope, through heavy timber and dense undergrowth.</p> <p>2.25 Norton Creek, 20 lks. wide, course S. 60° W.; continue along creek.</p> <p>4.35 Leave Norton Creek, 20 lks. wide, course S. 5° W.; asc. over level land.</p> <p>8.90 Creek, 10 lks. wide, course S. 50° E.; asc. over broken SE. slope, also enter open fields.</p> <p>25.30 Graveled road, 30 lks. wide, bears N. 30° E. and S. 30° W.</p> <p>40.060 Point for the ¼ sec. cor. of secs. 14 and 15, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p>

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 24 S., R. 6 W., Willamette Meridian, Oregon

CHAINS	
	T24S R6W 1/4 S 15 * S 14 1991
	from which
	A fir, 28 ins. diam., bears S. 0½° E., 139 lks. dist., mkd. 1/4 S14 BT.
	A fir, 13 ins. diam., bears S. 74½° W., 216 lks. dist., mkd. 1/4 S15 BT.
	Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.
	Ascend over SE. slope.
40.90	Spur, slopes S. 70° E.; desc. over broken NE. slope.
67.35	Creek, 10 lks. wide, course S. 70° E.; asc. over broken SW. slope.
73.45	Dirt road, 15 lks. wide, bears N. 20° W. and S. 25° E.
80.120	The cor. of secs. 10, 11, 14, and 15, monumented with an iron post, 1¼ ins. diam., firmly set, projecting 18 ins. above ground, with brass cap mkd.
	COUNTY SURVEYORS OFFICE T24S S 10 * S 11 ----- S 15 * S 14 R6W 1970
	from which bearing trees mkd. by Vernon R. Tracy, Deputy County Surveyor, in 1970
	A white oak, 16 ins. diam., bears N. 63° E., 59 lks. dist., with healed blaze.
	A fir, 22 ins. diam., bears S. 54° W., 7½ lks. dist., with healed blaze.
	A fir, 18 ins. diam., bears N. 37° W., 31½ lks. dist., with healed blaze.
	and a bearing tree mkd. by Berry, Akin, and Baughman
	A fir, 15 ins. diam., bears S. 70½° E., 89 lks. dist., with healed blaze.
	and the remains of a tree of which I have no record
	A sawed and burned fir stump, 26 ins. diam., bears S. 86° E., 51½ lks. dist., with healed blaze.

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

CHAINS	
	<p>From the 1/4 sec. cor. of secs. 10 and 15, monumented with an iron post, 2½ ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">S 10 1/4 ----- S 15 T24S R6W 1973</p> <p>from which the remains of an original bearing tree</p> <p style="padding-left: 40px;">A sawed fir stump, 48 ins. diam., bears S. 14° W., 30 lks. dist., no marks visible on opened blaze.</p> <p>and bearing trees mkd. by Berry, Akin, and Baughman</p> <p style="padding-left: 40px;">A fir, 18 ins. diam., bears N. 79° E., 53 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A fir, 13 ins. diam., bears S. 63° W., 20 lks. dist., with healed blaze.</p> <p>From this point, a local corner established by Roseburg Lumber Co. in 1973, bears N. 28° W., 0.05 chs. dist., monumented with an iron pipe, 1½ ins. diam., firmly set, projecting 28 ins. above ground, from which bearing trees mkd. by Roseburg Lumber Co.:</p> <p style="padding-left: 40px;">A fir, 18 ins. diam., bears N. 77½° E., 24 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A fir, 9 ins. diam., bears S. 19° W., 12 lks. dist., with healed blaze.</p> <p>N. 89° 42' 30" W., bet. secs. 10 and 15.</p> <p>Ascend over SE. slope, through heavy timber and dense undergrowth.</p> <p>8.30 Top of ascent, slopes SE.; desc. over broken SW. slope.</p> <p>10.55 Creek, 10 lks. wide, course S. 40° E.; asc. over broken NE. slope.</p> <p>19.985 The W 1/16 sec. cor. of secs. 10 and 15, monumented with an iron post, 2½ ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.</p> <p style="text-align: center;">S 10 W 1/16 ----- S 15 1973</p> <p>from which the bearing trees mkd. by Roseburg Lumber Co. in 1973</p> <p style="padding-left: 40px;">A fir, 17 ins. diam., bears N. 22½° E., 30½ lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A fir, 9 ins. diam., bears S. 83° E., 32 lks. dist., with healed blaze.</p> <p>and bearing trees mkd. by Berry, Akin, and Baughman</p>

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

CHAINS

A fir, 16 ins. diam., bears N. 41° E., 44½ lks. dist., with healed blaze.

A fir, 20 ins. diam., bears S. 84° E., 51 lks. dist., with healed blaze.

**Subdivision of Section 15,
T. 24 S., R. 6 W., Willamette Meridian, Oregon**

From the 1/4 sec. cor. of secs. 15 and 22, monumented with an iron post, 2½ ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd.

S 15
1/4 -----
S 22
T24S R6W
1973

from which the remains of bearing trees mkd. by Berry, Akin, and Baughman

A root hole, bears N. 30° E., 303 lks. dist., no remains of tree.

A sawed and burned oak stump, 20 ins. diam., bears S. 78° W., 184½ lks. dist., no marks visible.

and a bearing tree mkd. by Stephen J. Flause, Deputy County Surveyor, in 1988

A black oak, 14 ins. diam., bears S. 85° W., 437 lks. dist., with scribe marks 1/4 S22 CS BT visible on partially healed double blaze.

and a new bearing tree

A fir, 8 ins. diam., bears N. 6½° E., 595 lks. dist., mkd. 1/4 S15 BT.

The corner lies on SE. slope in burned over area.

From this point, the cor. of secs. 22, 23, 26, and 27, identical with the Bureau of Land Management Geodetic Control Station No. 71013 "SWAN," bears S. 26° 26' 46" E., 89.323 chs. dist. (mean bearing and sea level distance). The geographic position (NAD 1927) of the station, determined with Magnavox MX-1502 Receivers in 1987, is latitude 43° 27' 41.185" N., longitude 123° 23' 06.531" W. The station is monumented with an iron post, 1¼ ins. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd. COUNTY SURVEYORS OFFICE T24S R6W S22 S23 S26 S27 1956.

N. 0° 07' 00" E., on the N. and S. center line of sec. 15.

Ascend over broken SE. slope, through burned over area.

6.70

Dirt road, 15 lks. wide, bears N. 80° W. and S. 80° E.

Subdivision of Section 15,
T. 24 S., R. 6 W., Willamette Meridian, Oregon

CHAINS 7.00	Spur, slopes S. 40° E.; desc. over broken NE. slope, also enter timber, edge bears same.
40.095	Point for the center 1/4 sec. cor. of sec. 15, at intersection with the E. and W. center line. Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd. <div style="text-align: center;">T24S R6W C 1/4 S 15 1991</div> from which <div style="margin-left: 40px;">A fir, 9 ins. diam., bears N. 37° E., 33 lks. dist., mkd. C 1/4 S15 BT.</div> <div style="margin-left: 40px;">A fir, 12 ins. diam., bears N. 50° W., 14 lks. dist., mkd. C 1/4 S15 BT.</div> Deposit a white "DEEP-1" magnetic marker at base of stainless steel post. Descend over NE. slope.
42.15	Creek, 5 lks. wide, course E.; asc. over SE. slope.
57.00	Spur, slopes S. 60° W.; desc. over broken NE. slope.
75.35	Dirt road, 15 lks. wide, bears N. 85° E. and S. 75° W.
77.80	Ravine, drains S. 60° E.; asc. over SW. slope.
80.215	The 1/4 sec. cor. of secs. 10 and 15. <hr style="width: 100%; border: 0.5px solid black;"/>
	From the 1/4 sec. cor. of secs. 14 and 15. N. 89° 51' 30" W., on the E. and W. center line of sec. 15. Ascend over broken SE. slope, through scattering timber and moderate undergrowth.
15.20	Spur, slopes S. 10° E.; desc. over broken SW. slope.
26.15	Creek, 10 lks. wide, course S. 10° E.; asc. over NE. slope.
35.25	Graveled driveway, 20 lks. wide, bears N. 20° W. and S. 40° E.
40.035	The center 1/4 sec. cor. of sec. 15. Ascend over NE. slope, enter heavy timber and dense undergrowth.
60.070	Point for the center W 1/16 sec. cor. of sec. 15. Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

Subdivision of Section 15,
T. 24 S., R. 6 W., Willamette Meridian, Oregon

CHAINS	
	W 1/16 C ----- C S 15 1991
	from which A fir, 24 ins. diam., bears S. 72° W., 43 lks. dist., mkd. CW 1/16 S15 BT. A fir, 26 ins. diam., bears N. 16° W., 40 lks. dist., mkd. CW 1/16 S15 BT.
	Deposit a white "DEEP-1" magnetic marker at base of stainless steel post. Ascend over NE. slope.
64.35	Spur, slopes SE. from N. 20° W.; desc. over SW. slope.
80.105	The 1/4 sec. cor. of secs. 15 and 16, monumented with an iron post, 2½ ins. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd.
	1/4 S 16 * S 15 T24S R6W 1973
	from which bearing trees mkd. by Berry, Akin, and Baughman A fir, 18 ins. diam., bears N. 48½° E., 68 lks. dist., with healed blaze. A fir, 10 ins. diam., bears S. 56½° W., 90 lks. dist., with healed blaze.
	<hr/> From the center W 1/16 sec. cor. of sec. 15. N. 0° 11' 30" E., on the N. and S. center line of the NW 1/4 of sec. 15. Descend over NE. slope, through heavy timber and dense undergrowth.
27.90	Ravine, drains S. 80° E.; asc. over broken SW. slope.
40.165	The W 1/16 sec. cor. of secs. 10 and 15.
	<hr/>

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

CHAINS

GENERAL DESCRIPTION

The lands included in the foregoing resurvey are located in rolling hills approximately eight miles northwesterly of Sutherlin, Oregon. The elevation ranges from approximately 520 feet above sea level at the corner of sections 14, 15, 22, and 23, to about 1,160 feet above sea level near the center west one-sixteenth section corner of section 15.

The area is drained by Norton Creek and Williams Creek, with numerous other small and seasonal drainages flowing into them. The soil consists of a sandy loam. The timber consists of fir, pine, alder, maple, oak, willow, madrone, ash, dogwood, chinquapin, cedar, and cherry. The undergrowth is mainly salal, poison oak, Oregon grape, arrowwood, blackberry, salmonberry, huckleberry, ferns, hazel, and young timber.

Access is gained via a graveled road along Norton Creek and graveled and dirt roads branching from it into the area.

No mineral deposits were noted along the lines resurveyed. The area is used primarily for farming with a portion used for timber.

The magnetic declination as taken from the "TYEE MOUNTAIN, OREG." quadrangle map, 7½ minute series, provisional edition, published by the United States Geological Survey in 1987, is 19° 00' East.