

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 13,
TOWNSHIP 23 SOUTH, RANGE 5 WEST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON.

EXECUTED BY

Dale T. Bedell, Cadastral Surveyor

Under Special Instructions dated April 30, 1991, approved May 2, 1991,
which provided for the surveys included under Group No. 1601,
and Assignment Instructions dated June 18, 1991.

Survey commenced June 18, 1991

Survey completed July 27, 1992

T. 23 S., R. 5 W., Willamette Meridian, Oregon

CHAINS

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines and the subdivision of section 13, township 23 south, range 5 west, Willamette Meridian, Oregon.

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

In 1851, James E. Freeman, U.S. Deputy Surveyor, surveyed the east boundary.

In 1853, Robert Elder and Henry S. Gile, U.S. Deputy Surveyors, surveyed the subdivisional lines of the township.

The survey was executed in accordance with the specifications set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated April 30, 1991, for Group No. 1601, 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. Identified corners were remonumented in their original positions. 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 corner of sections 11, 12, 13, and 14, as determined by the Douglas County Surveyors Office in 1990, is as follows:

Latitude: 43° 34' 38.11" N. Longitude: 123° 14' 45.16" W.

The mean magnetic declination is 20° East.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 23 S., R. 5 W., Willamette Meridian, Oregon**

(Restoring the survey by Robert Elder and Henry S. Gile in 1853)

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 23 S., R. 5 W., Willamette Meridian, Oregon**

CHAINS	
	<p>Beginning at the cor. of secs. 13, 18, 19, and 24, on the E. bdy. of the Tp., perpetuated and recorded from original evidence no longer in existence by Gene E. Johnson, Registered Engineer No. 3561, in 1954 (Map file 12-48, Douglas County Records), and further perpetuated and recorded by Milo E. Godfrey, Deputy County Surveyor, in 1963 (Douglas County Corner Renewal No. 70), and further perpetuated and recorded by Vernon Ray Tracy, Deputy County Surveyor, in 1965 (Douglas County Corner Renewal No. 79); monumented with an iron post, 1¼ ins. diam., firmly set, projecting 6 ins. above ground, with brass cap mkd.</p>
	<p>COUNTY SURVEYORS OFFICE T 23 W R S 13 * S 18 R 5 ----- 4 W S 24 * S 19 W 1963</p>
	<p>from which the remains of bearing trees mkd. by Johnson</p> <p style="padding-left: 40px;">A sawed fir stump, 30 ins. diam., bears S. 75° W., 31 lks. dist., with decayed blaze.</p> <p style="padding-left: 40px;">A fir, 47 ins. diam., bears N. 60° W., 71 lks. dist., with scribe marks T23S R5W S13 visible on bark.</p> <p>and bearing trees mkd. by Godfrey</p> <p style="padding-left: 40px;">A cedar, 40 ins. diam., bears N. 61° E., 337 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A fir, 48 ins. diam., bears S. 7½° E., 301 lks. dist., with healed blaze.</p> <p>and a bearing tree mkd. by Tracy</p> <p style="padding-left: 40px;">A fir, 52 ins. diam., bears S. 17° W., 273 lks. dist., with healed blaze.</p> <p>The corner is on a NW. slope, in the corner of fences extending N., S., and W.</p> <p>N. 89° 24' 30" W., bet. secs. 13 and 24.</p> <p>Descend over broken NW. slope, through heavy timber and dense undergrowth.</p>
14.80	Gravel road, 30 lks. wide, bears N. 25° E. and S. 25° W.
20.90	Adams Creek, 3 lks. wide, course N. 10° E.; asc. over broken E. slope.
36.50	Spur, slopes N.; desc. over W. slope.
39.710	The 1/4 sec. cor. of secs. 13 and 24, reestablished by proportionate measurement and recorded by Gene E. Johnson, Registered Engineer No. 3561, in 1954 (Map File 12-48, Douglas County Records), there is no remaining evidence of the original corner, therefore this position is accepted as the corner;

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 23 S., R. 5 W., Willamette Meridian, Oregon**

CHAINS	
	<p>monumented with an aluminum rod, 1¼ ins. diam., firmly set, projecting 8 ins. above the ground, from which the remains of bearing trees mkd. by Johnson:</p> <p style="padding-left: 40px;">A fir stump, 28 ins. diam., bears N. 4° E., 87 1/2 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A fir stump, 24 ins. diam., bears S. 9° W., 53 lks. dist., with healed blaze.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">T23S R5W S 13 1/4 ----- S 24 1991</p> <p>from which new bearing trees</p> <p style="padding-left: 40px;">A fir, 17 ins. diam., bears S. 63° W., 34 lks. dist., mkd. 1/4 S24 BT.</p> <p style="padding-left: 40px;">A fir, 11 ins. diam., bears N. 43° W., 37 lks. dist., mkd. 1/4 S13 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at base and aluminum rod alongside of stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 89° 26' 00" W., beginning new measurement.</p> <p>Descend over broken W. slope, through heavy timber and dense undergrowth.</p>
6.50	Bottom of descent, slopes S.; asc. over broken E. slope.
13.60	Ridge, bears N. and S.; desc. over W. slope.
20.10	Leave timber, edge bears N. and S.; enter open pastureland.
32.40	Power transmission line, 3 wire, bears N. 10° E. and S. 10° W.
35.90	Leave open pasture, edge bears irregularly N. and S.; enter heavy timber and dense undergrowth.
39.680	The cor. of secs. 13, 14, 23, and 24, perpetuated and recorded by Gene E. Johnson, Registered Engineer No. 3561, in 1954 (Map File 12-48, Douglas County Records), and further perpetuated and recorded by Vernon Ray Tracy, Deputy County Surveyor, in 1969 (Douglas County Corner Renewal No. 88); monumented with an iron post, 1¼ ins. diam., firmly set, with top 8 ins. below the surface of ground, with brass cap mkd.

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 23 S., R. 5 W., Willamette Meridian, Oregon**

CHAINS

COUNTY SURVEYORS OFFICE

T23S R5W
S 14 * S 13

S 23 * S 24
1969

from which the remains of an original bearing tree

A fir stump, 60 ins. diam., bears S. 51° W., 65 lks. dist., with illegible scribe marks and a chaining notch on an opened blaze.

and bearing trees mkd. by Johnson

An oak, 18 ins. diam., bears S. 72° E., 32 lks. dist., with healed blaze.

An oak, 28 ins. diam., bears S. 32½° W., 75 lks. dist., with healed blaze.

and bearing trees mkd. by Tracy

A fir, 40 ins. diam., bears N. 66° E., 20 lks. dist., with healed blaze.

An oak, 19 ins. diam., bears N. 1° W., 126 lks. dist., with healed blaze.

The corner is located in the westerly track of a dirt road, 15 lks. wide, bears N. and S.

From the cor. of secs. 7, 12, 13, and 18, on the E. bdy. of the Tp., perpetuated and recorded by Gene E. Johnson, Registered Engineer No. 3561, in 1954 (Map File 12-48, Douglas County Records), and further perpetuated and recorded by James W. Byron, Deputy County Surveyor, in 1959 (Douglas County Corner Renewal NO. 30), and further perpetuated and recorded by Vernon Ray Tracy, Deputy County Surveyor, in 1979 (Douglas County Corner Renewal No. 77); monumented with an iron post, 1¼ ins. diam., firmly set, projecting 4 ins. above ground, with brass cap mkd.

COUNTY SURVEYORS OFFICE

T23S
R S 12 * S 7 R
5 ----- 4
W S 13 * S 18 W
1979

from which the remains of the original bearing trees

A fir stump, 28 ins. diam., bears N. 20° E., 29 lks. dist., with a decayed blaze.

A roothole, bears S. 69° E., 38 lks. dist., with a down and decayed fir alongside, 30 ins. diam., with a burned blaze.

A fir stump, 24 ins. diam., bears S. 84° W., 19 lks. dist., no visible marks. (Record, redwood.)

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 23 S., R. 5 W., Willamette Meridian, Oregon**

CHAINS	
	<p>A fir stump, 30 ins. diam., bears N. 65° W., 41 lks. dist., with scribe mark) visible on previously opened blaze.</p> <p>and the remains of bearing trees mkd. by Byron</p> <p>A decayed fir stump, 14 ins. diam., bears N. 44° E., 42 lks. dist., with no visible marks.</p> <p>A cedar snag, 12 ins. diam., bears N. 78½° W., 50 lks. dist., with scribe marks T23S R5W S12 CS BT visible on open double blaze.</p> <p>and bearing trees mkd. by Tracy</p> <p>A fir, 16 ins. diam., bears S. 22° E., 156 lks. dist., with healed blaze.</p> <p>A fir, 18 ins. diam., bears S. 24° W., 78 lks. dist., with healed blaze.</p> <p>A fir, 24 ins. diam., bears N. 33° W., 65 lks. dist., with healed blaze.</p> <p>and a new bearing tree</p> <p>A pine, 7 ins. diam., bears N. 34° E., 20½ lks. dist., mkd. T23S R4W S7 BT.</p> <p>The corner is at the corner of fences extending S. and E. N. 89° 35' 30" W., bet. secs. 12 and 13.</p> <p>Descend over broken NW. slope, through heavy timber and dense undergrowth.</p>
4.10	Adams Creek, 15 lks. wide, course N. 5° E.; asc. over broken E. slope.
20.090	<p>Point for the E 1/16 sec. cor. of secs. 12 and 13.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <p style="text-align: center;">S 12 E 1/16 ----- S 13 1991</p> <p>from which</p> <p>A fir, 15 ins. diam., bears S. 23° W., 21 lks. dist., mkd. E 1/16 S13 BT.</p> <p>A fir, 6 ins. diam., bears N. 68° W., 22 lks. dist., mkd. E 1/16 S12 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>Continue to ascend over broken E. slope.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 23 S., R. 5 W., Willamette Meridian, Oregon**

CHAINS	
21.70	Dirt road, 15 lks. wide, bears N. and S.
24.20	Spur, slopes N.; desc. over broken NW. slope.
29.20	Dirt road, 15 lks. wide, bears N. 50° E. and S. 50° W.
30.30	Dirt road, 15 lks. wide, bears N. 40° E and S. 40° W.
34.40	Creek, 2 lks. wide, course N. 10° E.; asc. over broken NE. slope.
37.70	Creek, 2 lks. wide, course N. 30° E.; asc. over NE. slope.
40.180	<p>The 1/4 sec. cor. of secs. 12 and 13, reestablished at proportionate position and recorded by Gene E. Johnson, Registered Engineer No. 3561, in 1954 (Map File 12-48, Douglas County Records), there is no remaining evidence of the original corner, therefore this position is accepted as the corner; monumented with a steel rod, 5/8 in. diam., firmly set, projecting 4 ins. above ground in a collar of stone, from which the bearing trees mkd. by Johnson:</p> <p style="padding-left: 40px;">A fir, 32 ins. diam., bears S. 12° W., 369 lks. dist., with healed double blaze.</p> <p style="padding-left: 40px;">A fir, 26 ins. diam., bears N. 17° W., 110 lks. dist., with healed double blaze.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; padding-left: 100px;"> T23S R5W S 12 1/4 ----- S 13 1991 </div> <p>Deposit a white "DEEP-1" magnetic marker at base and rebar alongside the stainless steel post.</p> <hr style="width: 20%; margin: 10px auto;"/> <p>N. 89° 35' 00" W., beginning new measurement.</p> <p>Ascend over broken NE. slope, through open pastureland.</p>
10.90	Ridge, bears N. and S.; desc. over broken NW. slope, through scattering timber and dense undergrowth.
12.20	Power transmission line, 3 wire, bears N. and S.
20.54	<p>From this point, a point established for the W 1/16 sec. cor. of secs. 12 and 13 by W. F. Briggs, County Surveyor, in 1883 (Volume 00, page 29, Douglas County Records), bears South, 0.690 chs. dist. The point is determined at record bearing and distance from a bearing tree mkd. by Briggs:</p> <p style="padding-left: 40px;">A pine, 48 ins. diam., bears S. 6½° E., 77 lks. dist., with illegible scribe marks visible on a previously opened blaze.</p>

**Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 23 S., R. 5 W., Willamette Meridian, Oregon**

CHAINS	
	<p>The Briggs point was not accepted in this survey as the W 1/16 sec. cor. of secs. 12 and 13 because he used improper survey procedures.</p> <p>Continue over broken NW. slope.</p>
40.290	<p>The cor. of secs. 11, 12, 13, and 14, perpetuated and recorded by Gene E. Johnson, Registered Engineer No. 3561, in 1954 (Map File 12-48, Douglas County Records), from original evidence no longer in existence; monumented with an iron rod, ¼ in. diam., firmly set in a mound of stone, projecting 18 ins. above the ground, from which bearing trees mkd. by Johnson:</p> <p style="padding-left: 40px;">A madrone, 18 ins. diam., bears N. 49° E., 72 lks. dist., with healed blaze.</p> <p style="padding-left: 40px;">A fir, 28 ins. diam., bears S. 59 ¾° E., 44 lks. dist., with healed double blaze.</p> <p style="padding-left: 40px;">A fir, 25 ins. diam., bears N. 15½° W., 71 lks. dist., with healed blaze.</p> <p>and a bearing tree mkd. by person(s) unknown</p> <p style="padding-left: 40px;">An oak, 4 ins. diam., bears S. 30° W., 8½ lks. dist., with scribe mark X visible at breast height and BT visible at base.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 6 ins. in the ground to solid rock, and in a mound of stone, 3½ ft. base, to top, with brass cap mkd.</p> <div style="text-align: center; padding: 10px 0;"> <p>T23S R5W S 11 * S 12 ----- S 14 * S 13 1991</p> </div> <p>Deposit iron rod alongside the stainless steel post.</p> <hr/> <p style="text-align: center;">Subdivision of Section 13, T. 23 S., R. 5 W., Willamette Meridian, Oregon</p> <hr/> <p>From the 1/4 sec. cor. of secs. 13 and 24.</p> <p>N. 0° 34' 00" E., on the N. and S. centerline of sec. 13.</p> <p>Descend over gentle N. slope, through scattering timber and moderate undergrowth.</p>
7.80	Slope changes to NE.; continue to descend.
23.50	Creek, 4 lks. wide, course E.; cross broken E. slope.
28.20	Creek, 2 lks. wide, course SE.; asc. over broken S. slope.

Subdivision of Section 13,
T. 23 S., R. 5 W., Willamette Meridian, Oregon

CHAINS	
38.80	Wire fence, extends E. and W.
40.100	Point for the center 1/4 sec. cor. of sec. 13, at intersection with the E. and W. centerline. Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd. <div style="text-align: center;">T23S R5W C 1/4 S 13 1991</div> from which <div style="margin-left: 40px;">A fir, 12 ins. diam., bears N. 56° E., 64 lks. dist., mkd. C 1/4 S13 BT.</div> <div style="margin-left: 40px;">A fir, 10 ins. diam., bears N. 28° W., 40½ lks. dist., mkd. C 1/4 S13 BT.</div> Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.
57.50	Ridge, bears N. 60° W. and S. 60° E.; desc. over broken NE. slope.
73.70	Dirt road, 20 lks. wide, bears N. 70° E. and S. 70° W.
80.085	The 1/4 sec. cor. of secs. 12 and 13. <hr/> From the 1/4 sec. cor. of secs. 13 and 18, on the E. bdy. of the Tp., perpetuated and recorded by James W. Byron, Deputy County Surveyor, in 1959 (Douglas County Corner Renewal No. 29), and further perpetuated and recorded by Vernon Ray Tracy, Deputy County Surveyor, in 1965 (Douglas County Corner Renewal No. 78); monumented with an iron post, 1¼ ins. diam., firmly set, projecting 16 ins. above ground, with brass cap mkd. <div style="text-align: center;">COUNTY SURVEYORS OFFICE T23S S 13 * S 18 1/4 R5W R4W 1959</div> from which the remains of an original bearing tree <div style="margin-left: 40px;">A fir snag, 50 ins. diam., bears N. 50° W., 37 lks. dist., with scribe marks 4S visible on a previously opened blaze.</div> and remains of bearing trees mkd. by Byron <div style="margin-left: 40px;">A cedar stump, 16 ins. diam., bears S. 13½° E., 140 lks. dist., with scribe marks 1/4 S18 CS visible on an open blaze.</div> <div style="margin-left: 40px;">A roothole, bears N. 35° W., 18 lks. dist., with a down fir alongside, 20 ins. diam., with healed blaze.</div>

Subdivision of Section 13,
T. 23 S., R. 5 W., Willamette Meridian, Oregon

CHAINS	
	and a bearing tree mkd. by Tracy
	A fir, 15 ins. diam., bears N. 22° E., 47 lks. dist., with healed blaze.
	and a new bearing tree
	A fir, 10 ins. diam., bears N. 82° W., 52 lks. dist., mkd. 1/4 S13 BT.
	The corner is located S. 30° W., 0.18 chs. dist. from the corner of fences extending E. and S.
	N. 89° 32' 30" W., on the E. and W. centerline of sec. 13.
	Ascend over E. slope, through heavy timber and dense undergrowth.
1.20	Low spur, slopes N.; desc. over broken NW. slope.
9.80	Gravel road, 30 lks. wide, bears N. 15° E. and S. 15° W.
15.50	Adams Creek, 10 lks. wide, course NE.; asc. over broken SE. slope.
19.640	Point for the center E 1/16 sec. cor. of sec. 13.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	E 1/16 C ----- C S 13 1991
	from which
	A fir, 7 ins. diam., bears N. 63° E., 23 lks. dist., mkd. CE 1/16 S13 BT.
	A fir, 8 ins. diam., bears S. 1½° E., 15½ lks. dist., mkd. CE 1/16 S13 BT.
	Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.
	Continue over broken SE. slope.
23.80	Dirt road, 20 lks. wide, bears N. 20° E. and S. 20° W.
35.50	Spur, slopes S.; desc. over broken SW. slope.
39.280	The center 1/4 sec. cor. of sec. 13.
	Continue over SW. slope.
40.40	Wire fence, extends N. and S.
44.30	Bottom of descent, slopes S.; asc. broken E. slope.
56.70	Ridge, bears N. and S.; desc. over broken W. slope.

Subdivision of Section 13,
T. 23 S., R. 5 W., Willamette Meridian, Oregon

CHAINS	
61.80	Power transmission line, 3 wire, bears N. 15° E. and S. 15° W.
79.250	<p>The 1/4 sec. cor. of secs. 13 and 14, perpetuated and recorded by Gene E. Johnson, Registered Engineer No. 3561, in 1954 (Map File 12-48, Douglas County Records); monumented with an iron rod, 3/4 in. diam., firmly set, top 5 ins. below ground surface, from which the original bearing trees:</p> <p style="padding-left: 40px;">An oak, 34 ins. diam., bears N. 57° E., 71 lks. dist., with a chopped out blaze.</p> <p style="padding-left: 40px;">An oak, 32 ins. diam., bears N. 34° W., 62 lks. dist., with a chopped out blaze.</p> <p>and a bearing tree mkd. by Johnson</p> <p style="padding-left: 40px;">A fir, 21 ins. diam., bears N. 31° E., 67 lks. dist., with healed blaze.</p> <p>At the corner point</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 30 ins. in the ground, with top 3 ins. below surface, directly over the iron rod, with brass cap mkd.</p> <p style="text-align: center;">T23S R5W 1/4 S 14 * S 13 1991</p> <p>Deposit a white "DEEP-1" magnetic marker at base of stainless steel post.</p> <p>The corner is at the westerly edge of a dirt road, 20 lks. wide, bearing N. and S.</p> <hr/> <p>From the center E 1/16 sec. cor. of sec. 13.</p> <p>N. 1° 12' 30" E., on the N. and S. centerline of the NE 1/4 of sec. 13.</p> <p>Ascend over broken SE. slope, through heavy timber and dense undergrowth.</p>
40.010	<p>The E 1/16 sec. cor. of secs. 12 and 13.</p> <hr/> <p style="text-align: center;">GENERAL DESCRIPTION</p> <p>The lands included in the foregoing survey are located in mountainous terrain in Douglas County about three miles southeast of the town of Yoncalla, Oregon. The elevations range from 1,000 feet above sea level to 1,500 feet above sea level.</p> <p>The main drainage is northeasterly by Adams Creek, while the western portion of section 13 drains westerly into Cowan Creek and Wilson Creek. The soil is rocky clay. The timber consists of fir, hemlock, cedar, yew, oak, and madrone, with undergrowth of poison oak, huckleberry, blackberry, salal, Oregon grape, and fern.</p>

T. 23 S., R. 5 W., Willamette Meridian, Oregon

CHAINS

Access is via logging roads branching from the Scotts Valley Road.

There were no mineral deposits noted along the lines of the survey. The principle industries are timber production and cattle and sheep ranching.

The mean magnetic declination is 20° West, with a range of 1° due to local attraction.
