

CHAINS

DUPLICATE

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 SECTIONS 27 AND 33,
TOWNSHIP 27 SOUTH, RANGE 7 WEST,
OF THE WILLAMETTE MERIDIAN,
IN THE STATE OF OREGON.

EXECUTED BY

Philip G. Griffin, Cadastral Surveyor

Under Special Instructions dated March 20, 1990,
approved March 22, 1990,
which provided for the surveys included under Group No. 1529,
and Assignment Instructions dated March 23, 1990.

Survey commenced April 3, 1990

Survey completed July 25, 1990

CHAINS

T. 27 S., R. 7 W., Willamette Meridian, Oregon

The following field notes are those of the dependent resurvey of a portion of the subdivisional lines and the subdivision of sections 27 and 33, township 27 south, range 7 west, Willamette Meridian, Oregon.

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

In 1854, Nathaniel Ford, U. S. Deputy Surveyor, surveyed the Sixth Standard Parallel South (south boundary) and subdivided township 28 south, range 7 west.

In 1855, Dennis Hathorn, U. S. Deputy Surveyor, surveyed the south boundary establishing new corners south of those established by Ford for the Sixth Standard Parallel South, and subdivided the township.

In 1857, J. A. Burnett, U. S. Deputy Surveyor, surveyed donation land claims in the township.

In 1924, Fred Mensch, U. S. Cadastral Engineer, resurveyed the Sixth Standard Parallel South along the south boundary of township 27 south, range 7 west, the north boundary of township 28 south, range 7 west, and portions of the subdivisional lines of townships 27 and 28 south, range 7 west.

The survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1973, and the Special Instructions dated March 20, 1990, for Group No. 1529, Oregon.

The directions of the lines were determined by deflections from azimuths obtained by direct observation on Sirius and Rigel and refer to the true meridian.

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 unless already suitably monumented. 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 west 1/16 section corner of sections 28 and 33, as determined from a tie to Geodetic Control Station No. EC 41048 established by the Bureau of Land Management, Oregon State Office, Geodetic Control Unit, in 1990, is as follows:

Latitude 43° 11' 07.55" N. Longitude 123° 32' 20.64" W.

The mean magnetic declination is 18° East.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 27 S., R. 7 W., Willamette Meridian, Oregon

CHAINS

(Restoring the survey by Dennis Hathorn in 1855
and the resurvey by Fred Mensch in 1924)

Beginning at the $\frac{1}{4}$ sec. cor. of secs. 26 and 27, monumented with an iron axle, 1 in. diam., 30 ins. long, firmly set 20 ins. in the ground (alongside of which is a gatepost from which wire fences extend N., S., and W.) This position is in harmonious relation to other corners recovered in the survey and with local use patterns and is accepted as a local perpetuation of the original corner position.

At the corner point

Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, directly over the iron axle at the S. edge of the gatepost, with brass cap mkd.

T 27 S R 7 W
 $\frac{1}{4}$
S 27 * S 26
1990

from which

An oak, 12 ins. diam., bears N. $70\frac{3}{4}^{\circ}$ E., $57\frac{1}{2}$ lks. dist., mkd. $\frac{1}{4}$ S26 BT.

An oak, 14 ins. diam., bears S. 58° W., 39 lks. dist., mkd. $\frac{1}{4}$ S27 BT.

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

The corner is located at the E. edge of a gravel driveway, 20 lks. wide, extending N. and S.

From this point, the cor. of secs. 34 and 35 on the S. bdy. of the Tp., bears S. $0^{\circ} 15' 00''$ E., 120.190 chs. dist., monumented with an iron post, 2 ins. diam., firmly set at the cor. of wire fences, extending N., E., and W., projecting 6 ins. above ground, with brass cap mkd.

T 27 S R 7 W
S 34 * S 35
1924

from which the remains of the bearing tree mkd. by Mensch

A downed and rotted apple tree, 8 ins. diam., bears N. $88\frac{3}{4}^{\circ}$ E., 170 lks. dist., with indistinct, illegible marks.

N. $0^{\circ} 20' 00''$ E., bet. secs. 26 and 27.

Ascend SE. slope along wire fence, through moderate timber and undergrowth.

38.65

Cliff, 8 ft. high.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 27 S., R. 7 W., Willamette Meridian, Oregon

CHAINS

39.915

The cor. of secs. 22, 23, 26, and 27, remonumented by the Douglas County Surveyor's Office in 1960, and recorded in the County Surveyor's Office under file No. 49/79, monumented with an iron post, 1½ ins. diam., loosely set, projecting 26 ins. above ground at the corner of wire fences, extending N., S., E., and W., with brass cap mkd.

COUNTY SURVEYORS OFFICE

T 27 S R 7 W

S 22 * S 23

S 27 * S 26

1960

from which the remains of an original bearing tree

A root hole, bears N. 42° W., 83 lks. dist.

and the remains of the bearing trees mkd. by the Douglas County Surveyor

A rotted pine stump, 16 ins. diam., bears S. 25° W.,
10 lks. dist., no marks visible.

A Douglas fir, 17 ins. diam., bears N. 15° W., 53 lks.
dist., with healed double blaze.

The remains of another bearing tree, a cedar log, 10 ins.
diam., with scribe marks R7W S23 CS is found down and
displaced.

and new bearing trees

A cedar, 10 ins. diam., bears N. 38° E., 86 lks. dist.,
mkd. T27S R7W S23 BT.

A cedar, 18 ins. diam., bears S. 53° E., 59 lks. dist.,
mkd. T27S R7W S26 BT.

A cedar, 9 ins. diam., bears S. 87° W., 51 lks. dist.,
mkd. T27S R7W S27 BT.

Reset the county monument firmly alongside the fence corner,
projecting 18 ins. above ground.

From the ¼ sec. cor. of secs. 33 and 34, monumented with an iron post, 1 in. diam., firmly set, projecting 5 ins. above ground, with brass cap mkd.

¼
S 33 * S 34
AP 13 *
1924

from which an original bearing tree

An oak, 38 ins. diam., bears N. 76° W., 39 lks. dist.,
with hollow blaze.

and the remains of a bearing tree mkd. by Mensch

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 27 S., R. 7 W., Willamette Meridian, Oregon

CHAINS

A root hole, bears N. 26° W., 61 lks. dist., with rotted oak log, 20 ins. diam., alongside, no marks.

and a bearing tree mkd. by the Douglas County Surveyor in 1960 and recorded in County Surveyors Office under file No. 49/79

A madrone, 20 ins. diam., bears N. 77° E., 52 lks. dist., with fragmentary scribe marks on partially healed blaze.

and a bearing tree of no known record

A Douglas fir, 30 ins. diam., bears N. 41½° W., 75 lks. dist., with healed blaze.

N. 0° 04' 30" E., bet. secs. 33 and 34.

Ascend broken S. slope, through dense timber and light undergrowth.

19.890

Point for the N 1/16 sec. cor. of secs. 33 and 34.

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.

N 1/16
S 33 * S 34
1990

from which

A Douglas fir, 10 ins. diam., bears S. 36½° E., 90 lks. dist., mkd. N 1/16 S34 BT.

A Douglas fir, 7 ins. diam., bears N. 67° W., 47 lks. dist., mkd. N 1/16 S33 BT.

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

The corner is located near the top of a grassy open area on an unstable S. slope.

Ascend steep S. slope, through dense timber and light undergrowth.

24.75

White Tail Ridge, bears N. 80° E. and S. 80° W.; desc. NW. slope.

37.80

Ravine, drains W.; asc. gradual SW. slope.

39.780

The cor. of secs. 27, 28, 33, and 34, monumented with an iron post, 2 ins. diam., firmly set, projecting 10 ins. above ground, with brass cap mkd.

T 27 S R 7 W
S 28 * S 27
S 33 * S 34
AP 1 *
1924

from which remains of original bearing trees

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 27 S., R. 7 W., Willamette Meridian, Oregon

CHAINS

A root hole, bears N. 1° E., 120 lks. dist.

A root hole, bears S. 1° E., 84 lks. dist.

A root hole, bears S. 49° W., 128 lks. dist., with
rotted remains of oak stump within, no marks visible.

and the remains of a bearing tree mkd. by Mensch

A rotted fir stump, 12 ins. diam., bears S. 29° W.,
12 lks. dist., with fragmentary scribe marks on
loose blaze alongside.

and bearing trees mkd. by the Douglas County Surveyor in 1960 and
recorded in County Surveyors Office under file No. 49/79

A Douglas fir, 12 ins. diam., bears N. 57° E., 96 lks.
dist., with healed blaze.

A Douglas fir, 17 ins. diam., bears S. 16½° E., 77 lks.
dist., with healed blaze.

A Douglas fir, 21 ins. diam., bears S. 65½° W., 21 lks.
dist., with healed blaze.

A Douglas fir, 10 ins. diam., bears N. 80° W., 39 lks.
dist., with healed blaze.

From this point, the ¼ sec. cor. of secs. 27 and 28, bears
N. 0° 02' 30" W., 40.115 chs. dist., hereinafter described.

From the ¼ sec. cor. of secs. 27 and 34, determined at the corner
of wire fences, extending E., W., and S. This position is
harmoniously related to other corners of the original survey, as
determined from informational retracements, and with local use
lines.

At the corner point

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 24 ins.
in the ground, with brass cap mkd.

T 27 S R 7 W
S 27
¼ -----
S 34
1990

from which

A Douglas fir, 22 ins. diam., bears S. 32° E., 9 lks.
dist., mkd. ¼ S34 BT.

A Douglas fir, 15 ins. diam., bears N. 65° W., 32 lks.
dist., mkd. ¼ S27 BT.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 27 S., R. 7 W., Willamette Meridian, Oregon

CHAINS	
	Deposit a white "DEEP-1" magnetic marker at the base of the stainless steel post.
	S. 89° 35' 30" W., bet. secs. 27 and 34.
	Ascend broken E. slope, through dense timber and light undergrowth along wire fence, marking and blazing the true line.
10.90	Track road, 15 lks. wide, bears N. 30° W. and S. 30° E.
17.00	White Tail Ridge, bears NE. and SW.; desc. over NW. slope.
17.40	Track road, 15 lks. wide, bears irregularly N. and S.
19.915	Point for the W 1/16 sec. cor. of secs. 27 and 34.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 28 ins. in the ground, the top flush with the ground surface, with brass cap mkd.
	S 27 W 1/16 ----- S 34 1990
	from which
	A Douglas fir, 19 ins. diam., bears N. 19½° E., 58 lks. dist., mkd. W 1/16 S27 BT.
	A Douglas fir, 15 ins. diam., bears S. 39½° E., 57 lks. dist., mkd. W 1/16 S34 BT.
	Deposit a white "DEEP-1" magnetic marker at the base of the stainless steel post.
	The corner is located in the southerly portion of a little used track road, 10 lks. wide, bears NE. and SW., and in the remains of a barbed wire fence, extending E. and W.
	Descend NW. slope, through medium timber and undergrowth.
22.20	Powerline, 4 strands, bears N. 30° W. and S. 30° E.
37.00	Slope changes to west.
39.65	Dirt road, 20 lks. wide, bears N. 30° W. and S. 30° E.
39.830	The cor. of secs. 27, 28, 33, and 34.
<hr/>	
	From the cor. of secs. 22, 23, 26, and 27.
	S. 89° 58' 30" W., bet. secs. 22 and 27.
	Along S. slope and wire fence through medium timber and undergrowth.
6.60	Wire fence, bears irregularly NE. and SW.; asc. SE. slope.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 27 S., R. 7 W., Willamette Meridian, Oregon

CHAINS
13.75

White Tail Ridge, bears N. 60° E. and S. 60° W.; desc. NW. slope.

39.745

The ¼ sec. cor. of secs. 22 and 27, remonumented by the Douglas County Surveyors Office in 1985 and recorded under file No. 62/28; monumented with an iron post, 1½ ins. diam., firmly set, projecting 16 ins. above ground, and in a mound of stone, 4 ft. base, to top, with brass cap mkd.

DOUGLAS COUNTY SURVEYOR

T 27 S

S 22

¼ -----

S 27

R 7 W

1985

from which the remains of the original bearing trees

A black oak, 16 ins. diam., bears N. 20° W., 25 lks. dist., with open hollow blaze. (Original record, N. 24° W.)

A root hole, bears S. 36° W., 23 lks. dist.

and bearing trees mkd. by Don E. Garrett, Registered Land Surveyor No. 544, in 1969, and filed in Douglas County Surveyors Office under file No. 55/111

An oak, 10 ins. diam., bears S. 82 ¾° E., 59 lks. dist., with healed double blaze.

A ponderosa pine, 12 ins. diam., bears N. 54½° W., 74 lks. dist., with healed double blaze.

and bearing trees mkd. by the Douglas County Surveyor in 1985

A Douglas fir, 12 ins. diam., bears S. 26° W., 79 lks. dist., with pitch covered double blaze.

A Douglas fir, 12 ins. diam., bears N. 11° W., 30 lks. dist., with fragmentary scribe marks in partially healed double blaze.

The corner is located at the S. edge of a track road, 15 lks. wide, extending E. and W.

From the ¼ sec. cor. of secs. 32 and 33, monumented with an iron post, 1 in. diam., firmly set, projecting 2 ins. above ground, with brass cap mkd.

¼

S 32 * S 33

* AP 4

1924

from which the remains of the bearing trees mkd. by Mensch

A sawed oak stump, 6 ins. diam., bears S. 29° E., 32 lks. dist., no marks visible.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 27 S., R. 7 W., Willamette Meridian, Oregon

CHAINS	
	<p>A sawed fir stump, 28 ins. diam., bears N. 20° W., 10 lks. dist., with healed blaze.</p> <p>and new bearing trees</p> <p>A cedar, 16 ins. diam., bears N. 67° E., 43½ lks. dist., mkd. ¼ S33 BT.</p> <p>An oak, 16 ins. diam., bears S. 53° W., 54 lks. dist., mkd. ¼ S32 BT.</p> <p>The corner is located 2 lks. N. of a corner of wire fences, extending N., S., and E.</p> <p>N. 0° 04' 30" W., bet. secs. 32 and 33.</p> <p>Ascend SW. slope along wire fence and powerline, through dense timber and light undergrowth.</p>
2.65	High tension powerline, 3 cables, bears N. 70° W. and S. 70° E.; asc. S. slope along smaller powerline.
14.25	Spur, slopes SW.; desc. NW. slope along fence and powerline.
20.050	Point for the N 1/16 sec. cor. of secs. 32 and 33.
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 28 ins. in the ground, the top flush with the surface of the ground, with brass cap mkd.</p> <p style="text-align: center;">N 1/16 S 32 * S 33 1990</p> <p>from which</p> <p>Power pole No. 2B12851, 10 ins. diam., bears S. ½° E., 119 lks. dist.</p> <p>An oak, 10 ins. diam., bears N. 66° W., 45½ lks. dist., mkd. N 1/16 S32 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at the base of the stainless steel post.</p> <p>Ascend gradual SW. slope, through moderate timber and light undergrowth along powerline and fence.</p>
28.30	Gravel drive, 15 lks. wide, bears N. 35° W. and S. 35° E.
	Descend over broken NW. slope along wire fence, through dense timber and light undergrowth.
40.100	The cor. of secs. 28, 29, 32, and 33, monumented with an iron post, 2 ins. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 27 S., R. 7 W., Willamette Meridian, Oregon

CHAINS

T 27 S R 7 W
S 29 * S 28
 S 32 * S 33
 AP 3
 1924

from which the remains of the original bearing trees

A root hole, bears N. 48° E., 93 lks. dist.

A root hole, bears N. 35° W., 69 lks. dist.

and the remains of bearing trees mkd. by Mensch

A sawed fir stump, 15 ins. diam., bears N. 12° E.,
15 lks. dist., with truncated healed blaze.

A Douglas fir stump, 18 ins. diam., bears S. 56° W.,
16 lks. dist., with scribe marks 7S R7W S32 B
legible on open blaze.

A sawed fir stump, 14 ins. diam., bears N. 56° W.,
41 lks. dist., no marks visible.

and bearing trees mkd. by the Douglas County Surveyor in 1955 and
recorded in County Surveyors Office under file No. 46/90

An oak, 19 ins. diam., bears N. 1° E., 12 lks. dist.,
with healed blaze.

A scarred Douglas fir, 18 ins. diam., bears S. 38½° E.,
39 lks. dist., with healed blaze.

A Douglas fir, 17 ins. diam., bears S. 28° W., 100 lks.
dist., with healed blaze.

A Douglas fir, 20 ins. diam., bears N. 61½° W., 107 lks.
dist., with healed blaze.

The corner is located N. 20° W., 2 lks. dist. from the corner of
wire fences, extending N., S., E., and W.

From the cor. of secs. 27, 28, 33, and 34.

N. 89° 54' 30" W., bet. secs. 28 and 33.

Descend over broken W. slope, through dense timber and light
undergrowth.

13.00 Along S. edge of dirt road, 25 lks. wide, bears W. and N. 60° E.

20.035 Point for the E 1/16 sec. cor. of secs. 28 and 33.

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins.
in the ground, with brass cap mkd.

Dependent Resurvey of a Portion of the Subdivisional Lines,
T. 27 S., R. 7 W., Willamette Meridian, Oregon

CHAINS

S 28
E 1/16 -----
S 33
1990

from which

A Douglas fir, 12 ins. diam., bears S. 65½° E.,
25½ lks. dist., mkd. E 1/16 S33 BT.

A cedar, 16 ins. diam., bears N. 69° W., 21 lks. dist.,
mkd. E 1/16 S28 BT.

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

From this point, a 5/8 in. iron rod, firmly set, projecting 4 ins. above ground, at the corner of wire fences, extending N. and W., bears N. 21° 45' 00" W., 0.017 chs. dist., established by persons unknown.

Descend broken W. slope along wire fence at S. edge of dirt road, through dense timber and light undergrowth.

40.070

The ¼ sec. cor. of secs. 28 and 33, monumented with an iron post, 1 in. diam., firmly set, projecting 3 ins. above ground, with brass cap mkd.

S 28
¼ -----
S 33
AP 2
1924

from which an original bearing tree

An oak, 22 ins. diam., bears N. 31° E., 180 lks. dist.,
with scribe mark 2 visible on rotted blaze.

and a bearing tree mkd. by Mensch

An oak, 10 ins. diam., bears S. 17° E., 14 lks. dist.,
with healed blaze.

and the remains of bearing trees mkd. by the Douglas County Surveyor in 1961 and recorded in County Surveyors Office under file No. 49/79

A Douglas fir, 20 ins. diam., bears N. 13° E.,
135 lks. dist., with healed blaze.

A rotted pine stump, size indeterminate, bears S. 79° W.,
9 lks. dist., with scribe marks ¼ S33 CS BT on loose
blaze alongside.

The corner is located in a wire fence, extending E. and W., and 18 lks. S. of center of a dirt road, 20 lks. wide, bearing irregularly E. and W.

Subdivision of Section 27,
T. 27 S., R. 7 W., Willamette Meridian, Oregon

CHAINS	
	N. 89° 51' 30" W., beginning new measurement.
	Descend broken W. slope, through light timber and medium undergrowth.
0.50	Dirt road, 20 lks. wide, bears N. 80° E. and S. 70° W., in a curve.
5.80	Same road, bears N. 80° W. and S. 80° E.
20.010	Point for the W 1/16 sec. cor. of secs. 28 and 33.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 16 ins. in the ground to solid rock, in a mound of stone, 3½ ft. base, to top, with brass cap mkd.
	S 28 W 1/16 ----- S 33 1990
	from which
	An oak, 8 ins. diam., bears N. 13° E., 52 lks. dist., mkd. W 1/16 S28 BT.
	An oak, 14 ins. diam., bears S. 8° W., 22 lks. dist., mkd. W 1/16 S33 BT.
	Deposit a white "DEEP-1" magnetic marker at the base of the stainless steel post.
	From this point, the corner of wire fences, extending N., S., and W., bears S. 7° W., 22 lks. dist.
	From this same point, the corner of wire fences, extending N., S., and E., bears North, 52 lks. dist.
	From this same point, a hollow iron pipe, 2 ins. diam., firmly set, projecting 24 ins. above ground, bears S. 73° 00' 00" E., 0.027 chs. dist., established by persons unknown.
	From this same point, Geodetic Control Station No. EC41048, established by the Bureau of Land Management at latitude 43° 11' 10.372" N. and longitude 123° 32' 20.517" W. (NAD 1927), bears N. 1° 45' 03" E., 4.335 chs. dist., monumented with a finned aluminum rod, 3/4 in. diam., 36 ins. long, set flush with the surface of the ground, in a plastic pipe filled with gravel, 4 ins. diam., with aluminum cap mkd. EC41048 GPS 1990.
20.03	Wire fence, extends N. and S.; desc. along ravine, drains West; light timber and medium undergrowth.
27.65	Ravine turns to NW.; continue over broken NW. slope.
40.020	The cor. of secs. 28, 29, 32, and 33.
Subdivision of Section 27, T. 27 S., R. 7 W., Willamette Meridian, Oregon	

Subdivision of Section 27,
T. 27 S., R. 7 W., Willamette Meridian, Oregon

CHAINS	
	From the $\frac{1}{4}$ sec. cor. of secs. 27 and 34.
	N. $0^{\circ} 01' 30''$ E., on the N. and S. center line of sec. 27.
	Ascend SE. slope, through dense timber and light undergrowth, marking and blazing the true line.
38.40	Top of ascent, horse trail, 5 lks. wide, on top of White Tail Ridge, both bear N. 35° E. and S. 35° W.; desc. NW. slope.
39.980	Point for the center $\frac{1}{4}$ sec. cor. of sec. 27, at intersection with the E. and W. center line.
	Set a stainless steel post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd.
	T 27 S R 7 W C $\frac{1}{4}$ S 27 1990
	from which
	A Douglas fir, 14 ins. diam., bears S. 31° W., 74 lks. dist., mkd. C $\frac{1}{4}$ S27 BT.
	An oak, 28 ins. diam., bears N. $27\frac{1}{2}^{\circ}$ W., 56 lks. dist., mkd. C $\frac{1}{4}$ S27 BT.
	Deposit a white "DEEP-1" magnetic marker at the base of the stainless steel post.
	From this point, a monument established as the center $\frac{1}{4}$ sec. cor. of sec. 27 by Larry Dolan, Registered Land Surveyor No. 1076 in 1990, and not recorded at the time of this survey; an iron rod, $\frac{3}{8}$ in. diam., firmly set, projecting 3 ins. above ground, with plastic cap mkd. LS 1076, bears N. $88^{\circ} 21' 00''$ E., 0.109 chs. dist. This monument is rejected as improper control was used in its establishment.
	Continue to descend NW. slope in moderate timber and undergrowth.
46.00	Ravine, drains W.; asc. SW. slope.
49.00	Spur, slopes W.; desc. NW. slope.
80.040	The $\frac{1}{4}$ sec. cor. of secs. 22 and 27.
	From the $\frac{1}{4}$ sec. cor. of secs. 26 and 27.
	S. $89^{\circ} 46' 30''$ W., on the E. and W. center line of sec. 27.
	Ascend over SE. slope, along wire fence in moderate timber and undergrowth.
0.10	Center of gravel driveway, 20 lks. wide, bears N. and S.
38.50	Top of ascent, horse trail, 5 lks. wide, on top of White Tail Ridge, both bear N. 35° E. and S. 35° W.; desc. NW. slope.

Subdivision of Section 27,
T. 27 S., R. 7 W., Willamette Meridian, Oregon

CHAINS	
39.535	<p>The center ¼ sec. cor. of sec. 27.</p> <p>Continue to descend NW. slope through moderate timber and undergrowth, marking and blazing the true line.</p>
59.475	<p>Point for the center W 1/16 sec. cor. of sec. 27.</p> <p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>W 1/16</p> <p>C ----- C</p> <p>S 27</p> <p>1990</p> </div> <p>from which</p> <p style="padding-left: 40px;">A Douglas fir, 18 ins. diam., bears S. 43½° E., 52 lks. dist., mkd. CW 1/16 S27 BT.</p> <p style="padding-left: 40px;">A Douglas fir, 9 ins. diam., bears S. 39½° W., 15½ lks. dist., mkd. CW 1/16 S27 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at the base of the stainless steel post.</p> <p>Descend W. slope through moderate timber and undergrowth.</p>
61.45	Ravine, drains NW.; continue descent over broken NW. slope.
76.10	Ravine, drains NW.; continue over N. slope.
79.415	<p>The ¼ sec. cor. of secs. 27 and 28, remonumented by the Douglas County Surveyors Office in 1954 and recorded at County Surveyors Office under file No. 45/262, and rehabilitated by the Douglas County Surveyors Office in 1980, recorded in County Surveyors Office under file No. 61/6; monumented with an iron post, 1½ ins. diam., firmly set, projecting 8 ins. above ground, with brass cap mkd.</p> <div style="text-align: center;"> <p>COUNTY SURVEYORS OFFICE</p> <p>T 27 S R 7 W</p> <p>28 * 27</p> <p>1954</p> </div> <p>from which the remains of the original bearing trees</p> <p style="padding-left: 40px;">A sawed oak stump, 21 ins. diam., bears S. 33 3/4° E., 63 lks. dist., with scribe marks BT legible on open blaze. (Record, S. 32° E.)</p> <p style="padding-left: 40px;">A root hole with rotted remains of an oak stump, bears N. 69° W., 112 lks. dist., with a downed oak alongside, 13 ins. diam., no marks visible. (Record, N. 62° W.)</p> <p>and the remains of bearing trees mkd. by the Douglas County Surveyor in 1954</p>

Subdivision of Section 27,
T. 27 S., R. 7 W., Willamette Meridian, Oregon

CHAINS

A root hole, bears S. 54° E., 93 lks. dist., with rotted remains of a fir alongside, size indeterminate, with scribe marks ¼ S27 CS on rotten blaze.

A sawed fir stump, 18 ins. diam., bears S. 17° W., 31 lks. dist., no marks visible.

and the remains of bearing trees mkd. by the Douglas County Surveyor in 1980

A fir snag, 8 ins. diam., bears N. 43½° E., 6½ lks. dist., with partially healed blaze.

A Douglas fir, 16 ins. diam., bears S. 6° E., 85 lks. dist., with healed blaze.

A Douglas fir, 12 ins. diam., bears S. 40¼° W., 38½ lks. dist., with healed blaze.

A Douglas fir, 10 ins. diam., bears N. 39½° W., 14½ lks. dist., with healed blaze.

From the W 1/16 sec. cor. of secs. 27 and 34.

North, on the N. and S. center line of the SW¼ of sec. 27.

Descend NW. slope through moderate timber and undergrowth, marking and blazing the true line.

14.00 Ascend SW. slope.

17.55 Spur, slopes W.; desc. NW. slope.

21.35 Ravine, drains W.; asc. SW. slope.

24.50 Ravine, drains SW.; asc. S. slope.

28.30 Spur, slopes S. 60° W.; desc. NW. slope.

38.10 Ravine, drains NW.; over W. slope.

40.050 The center W 1/16 sec. cor. of sec. 27.

Subdivision of Section 33,
T. 27 S., R. 7 W., Willamette Meridian, Oregon

From Angle Point No. 9 on the S. bdy. of sec. 33, monumented with an iron post, 1 in. diam., firmly set, projecting 6 ins. above ground, with brass cap erroneously mkd.

— AP 7
S * S 33
1924

from which the remains of bearing trees of no record

T. 27 S., R. 7 W., Willamette Meridian, Oregon

CHAINS

A rotted, sawed fir stump, 16 ins. diam., bears East,
2 lks. dist., with healed blaze.

A rotted, sawed fir stump, 16 ins. diam., bears S. 32° E.,
16 lks. dist., with healed blaze.

and new bearing trees

A cedar, 10 ins. diam., bears S. 39° E., 26 lks. dist.,
mkd. AP9 S33 BT.

A Douglas fir, 9 ins. diam., bears N. 24½° W., 7 lks.
dist., mkd. AP9 BT.

From this point, Angle Point No. 10 bears S. 0° 11' 30" W., 1.880
chs. dist., monumented with an iron post, 1 in. diam., firmly set,
projecting 8 ins. above ground, with brass cap mkd.

* AP 10
* ¼ S 33
1924

from which an original bearing tree

An oak, 24 ins. diam., bears N. 50½° E., 28 lks. dist.,
with a healed blaze with a hole in it. (Record, N. 53° E.)

and a bearing tree mkd. by Mensch

An oak, 20 ins. diam., bears N. 38° W., 39 lks. dist.,
with healed blaze.

and a bearing tree mkd. by the Douglas County Surveyor in 1961 and
recorded at County Surveyors Office under file No. 49/79

A madrone, 21 ins. diam., bears N. 9½° E., 52 lks. dist.,
with healed blaze.

From this same point, the ¼ sec. cor. of sec. 33 established by
Ford, bears S. 87° 10' 30" E., 1.365 chs. dist., monumented with
an iron post, 1 in. diam., firmly set, projecting 6 ins. above
ground, with brass cap mkd.

AP
1924

from which a bearing tree mkd. by Mensch

A sawed fir stump, 19 ins. diam., bears S. 56° W.,
41 lks. dist., with fragmentary scribe marks on
open lower blaze. (Record and to face, 40 lks.)

and bearing trees mkd. by the Douglas County Surveyor in 1961 and
recorded at County Surveyors Office under file No. 49/79

A Douglas fir, 16 ins. diam., bears S. 6° W., 50 lks.
dist., with healed double blaze.

T. 27 S., R. 7 W., Willamette Meridian, Oregon

CHAINS

A cedar, 20 ins. diam., bears N. 76° W., 24 lks. dist.,
with healed blaze and wire fence attached to it.

N. 0° 07' 30" W., on the N. and S. center line of sec. 33.

Descend N. slope in medium timber and undergrowth.

- 0.30 Ravine, drains NE.; desc. over broken NE. slope.
- 26.00 Morgan Creek, 40 lks. wide, course S. 60° E.; asc. S. slope.
- 32.20 Paved highway, 35 lks. wide, bears N. 60° W. and S. 60° E.
- 34.20 High tension powerline, 3 cables, bears N. 80° W. and S. 80° E.
- 37.885 Point for the center $\frac{1}{4}$ sec. cor. of sec. 33, at intersection with
the E. and W. center line.

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins.
in the ground, with brass cap mkd.

T 27 S R 7 W
C¼ S 33
1990

from which

A Douglas fir, 18 ins. diam., bears S. 32° W., 20 lks.
dist., mkd. C¼ S33 BT.

An oak, 7 ins. diam., bears N. 11½° W., 41½ lks. dist.,
mkd. C¼ S33 BT.

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

The corner is located in a barbed wire fence, extending E. and W.

From this point, a hollow iron pipe, ½ in. diam., firmly set,
projecting 18 ins. above ground, bears N. 89° 50' 00" E., 1.326
chs. dist., established by persons unknown.

Ascend broken S. slope, through dense timber and light
undergrowth, marking and blazing the true line.

- 51.90 White Tail Ridge, slopes S. 70° W.; desc. over NW. slope.

- 57.850 Point for the center N 1/16 sec. cor. of sec. 33.

Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins.
in the ground, with brass cap mkd.

C
N 1/16 * S 33
C
1990

from which

T. 27 S., R. 7 W., Willamette Meridian, Oregon

CHAINS	
	<p>A Douglas fir, 22 ins. diam., bears S. 70° E., 29 lks. dist., mkd. CN 1/16 S33 BT.</p> <p>A Douglas fir, 16 ins. diam., bears S. 66° W., 26 lks. dist., mkd. CN 1/16 S33 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at the base of the stainless steel post.</p> <p>Ascend gradual SW. slope through dense timber and undergrowth, marking and blazing the true line.</p>
60.00	Spur, slopes N. 70° W.; desc. N. slope.
66.50	Ravine, drains N. 60° W.; asc. SW. slope.
72.50	Descend NW. slope.
76.95	Ravine, drains W.; asc. S. slope.
77.815	The ¼ sec. cor. of secs. 28 and 33.
<hr/>	
	<p>From the ¼ sec. cor. of secs. 33 and 34.</p> <p>S. 89° 54' 30" W., on the E. and W. center line of sec. 33.</p> <p>Over broken S. slope through dense timber and light undergrowth, marking and blazing the true line.</p>
0.35	Wire fence, bears N. and S.
18.10	Wire fences extend S. and W.; continue along fence.
19.965	Point for the center E 1/16 sec. cor. of sec. 33.
	<p>Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.</p> <div style="text-align: center; margin: 10px 0;"> <p>E 1/16</p> <p>C ----- C</p> <p>S 33</p> <p>1990</p> </div> <p>from which</p> <p>A Douglas fir, 18 ins. diam., bears N. 57½° E., 49 lks. dist., mkd. CE 1/16 S33 BT.</p> <p>A Douglas fir, 9 ins. diam., bears S. 34½° E., 7 lks. dist., mkd. CE 1/16 S33 BT.</p> <p>Deposit a white "DEEP-1" magnetic marker at the base of the stainless steel post.</p> <p>From this point, a hollow iron pipe, 2½ ins. diam., projecting 24 ins. above ground, at the corner of wire fences extending S. and W., bears S. 89° 52' 30" E., 1.845 chs. dist., established by persons unknown.</p>

T. 27 S., R. 7 W., Willamette Meridian, Oregon

CHAINS	
	From this same point, the cor. of wire fences extending E., W., and S., bears S. 87° W., 0.290 chs. dist.; continue over broken S. slope along wire fence, through dense timber and light undergrowth.
39.930	The center ¼ sec. cor. of sec. 33. Continue over broken S. slope along wire fence through medium timber and light undergrowth, marking and blazing the true line.
49.380	From this point, a hollow iron pipe, 1½ ins. diam., firmly set, projecting 15 ins. above ground, bears South, 0.012 chs. dist., established by persons unknown. From this same point, the corner of wire fences extending E. and S., bears S., 0.028 chs. dist., leave fence; continue over broken S. slope.
59.945	Point for the center W 1/16 sec. cor. of sec. 33. 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;"> W 1/16 C ----- C S 33 1990 </div> from which A cedar, 8 ins. diam., bears N. 22° E., 29 lks. dist., mkd. CW 1/16 S33 BT. A Douglas fir, 18 ins. diam., bears S. 82½° E., 23 lks. dist., mkd. CW 1/16 S33 BT. Deposit a white "DEEP-1" magnetic marker at the base of the stainless steel post. From this point, a hollow iron pipe, ½ in. diam., firmly set, projecting 6 ins. above ground, bears N. 82° 00' 00" W., 0.032 chs. dist., established by persons unknown. From this same point, the corner of wire fences extending N. and W., bears N. 17° W., 0.140 chs. dist. Continue over broken S. slope, along wire fence through dense timber and light undergrowth.
67.50	High tension powerline, 3 cables, bears N. 80° W. and S. 80° E.; desc. SW. slope.
79.960	The ¼ sec. cor. of secs. 32 and 33. <hr/>
	From the center E 1/16 sec. cor. of sec. 33. North, on the N. and S. center line of the NE¼ of sec. 33. Ascend S. slope in dense timber and light undergrowth, marking and blazing the true line.

T. 27 S., R. 7 W., Willamette Meridian, Oregon

CHAINS	
18.75	Top of steep ascent; asc. gradually over ridgetop.
19.935	Point for the NE 1/16 sec. cor. of sec. 33, at intersection with the E. and W. center line of the NE¼.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, and in a collar of stone, with brass cap mkd.
	NE 1/16 S 33 1990
	from which
	An oak, 28 ins. diam., bears N. 13° E., 41 lks. dist., mkd. NE 1/16 S33 BT.
	A cedar, 12 ins. diam., bears N. 43 3/4° W., 51 lks. dist., mkd. NE 1/16 S33 BT.
	Deposit a white "DEEP-1" magnetic marker at the base of the stainless steel post.
	Ascend gradually over ridgetop through dense timber and light undergrowth.
20.05	Abandoned pack trail, 3 lks. wide, bears E. and W.
21.50	White Tail Ridge, bears E. and W.; desc. broken NW. slope.
36.35	Ravine, drains S. 70° W.; asc. gradual SW. slope.
38.35	Rounded spur, slopes W.; desc. gradual NW. slope.
39.855	The E 1/16 sec. cor. of secs. 28 and 33.
	From the N 1/16 sec. cor. of secs. 33 and 34.
	S. 89° 59' 30" W., on the E. and W. center line of the NE¼ of sec. 33.
	Over broken S. slope through dense timber and light undergrowth.
20.005	The NE 1/16 sec. cor. of sec. 33.
	Continue over southerly edge of ridgetop through dense timber and light undergrowth, marking and blazing the true line.
26.00	White Tail Ridge, bears N. 65° E. and S. 65° W.; desc. NW. slope.
40.010	The center N 1/16 sec. cor. of sec. 33.
	From the center W 1/16 sec. cor. of sec. 33.
	N. 0° 05' 30" W., on the N. and S. center line of the NW¼ of sec. 33.
	Ascend steep S. slope along barbed wire fence through dense timber and moderate undergrowth, marking and blazing the true line.

T. 27 S., R. 7 W., Willamette Meridian, Oregon

CHAINS	
10.45	Top of steep ascent, spur, slopes S. 80° W.; thence along W. slope.
12.00	Descend NW. slope.
20.005	Point for the NW 1/16 sec. cor. of sec. 33, at intersection with the E. and W. center line of the NW¼.
	Set a stainless steel post, 28 ins. long, 2½ ins. diam., 22 ins. in the ground, with brass cap mkd.
	NW 1/16 S 33 1990
	from which
	An oak, 10 ins. diam., bears N. 55° E., 4 lks. dist., mkd. NW 1/16 S33 BT.
	An oak, 8 ins. diam., bears S. 28 3/4° E., 11 lks. dist., mkd. X at breast height and BT at the base.
	Deposit a white "DEEP-1" magnetic marker at the base of the stainless steel post.
	From this point, a water pipe, 5/8 in. diam., firmly set, projecting 24 ins. above ground, bears S. 0° 10' 00" E., 1.410 chs. dist., established by persons unknown.
	From this same point, a water pipe, ½ in. diam., firmly set, projecting 12 ins. above ground, bears S. 0° 14' 30" E., 1.400 chs. dist., established by persons unknown.
	Continue to descend broken NW. slope along barbed wire fence through moderate timber and light undergrowth.
40.005	The W 1/16 sec. cor. of secs. 28 and 33.
	From the center N 1/16 sec. cor. of sec. 33. N. 89° 58' 00" W., on the E. and W. center line of the NW¼ of sec. 33.
	Descend broken W. slope, through heavy timber and light undergrowth, marking and blazing the true line.
20.005	The NW 1/16 sec. cor. of sec. 33.
20.07	Barbed wire fence, extends N. and S.
	Continue descending broken NW. slope through moderate timber.
40.015	The N 1/16 sec. cor. of secs. 32 and 33.

CHAINS

GENERAL DESCRIPTION

The land encompassed in this survey is located in Douglas County, Oregon, two miles west of the settlement of Lookingglass. Access is from Roseburg, Oregon, via paved county roads. Dirt roads and tracks extend from the county roads near the survey.

The country is hilly. Elevations range from 650 feet above sea level to 1500 feet above sea level. Lookingglass Creek and Morgan Creek drain the terrain easterly toward the Umpqua River.

Thick stands of timber, chiefly fir, oak, and madrone, cover the unimproved portions of the area. Undergrowth is light. It consists of young trees, manzanita, wild lilac, and poison oak. A variety of wild flowers, grasses, mosses, and thallophyte is also found. The soil is of red and brown clay which lies upon sandstone bedrock. In some places the bedrock is exposed and the vegetation is correspondingly sparse.

A major present use to which the country is put is timber production. Also, small diversified farms and many residences are found. The land owned by the United States Government is unimproved and is covered with merchantable timber. That portion of the federally owned ground in section 27 contains several informal trails where local people ride horses and recreational vehicles.

No mines were noted.

The mean magnetic declination as shown on the United States Geological Survey 7½ minute series quadrangle, "RESTON, OREGON," provisional edition, dated 1990, is 18° East.