

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY OF

A PORTION OF THE SUBDIVISIONAL LINES,

AND

SUBDIVISION OF SECTION 23,

TOWNSHIP 6 NORTH, RANGE 37 EAST,

[Lined area for field notes]

Of the WILLAMETTE Meridian,

In the State of OREGON.

EXECUTED BY

C. Albert White, Cadastral Surveyor

Under special instructions dated April 21, 1965, which provided for the surveys included under Group Number 572, approved April 22, 1965, and assignment instructions dated July 23, 1965.

Survey commenced August 10, 1965

Survey completed September 30, 1965

INDEX DIAGRAM

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 Willamette Meridian, Oregon

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State
Line

T. 6 N., R. 37 E., Willamette Meridian, Oregon

CHAINS

The history of surveys of township 6 north, range 37 east, Willamette Meridian, Oregon, pertaining to this resurvey, is as follows:

The Oregon and Washington State Boundary, which forms the north boundary of this fractional township, was surveyed by Daniel G. Major, in 1864, as shown on the official plat of survey approved February 6, 1866. The east boundary was completed and the subdivisional lines were surveyed by George Williams, in 1872, as shown on the official plat of survey approved September 1, 1873.

The resurvey and subdivision of section was made at the request of the Baker District Manager for administrative purposes of the Bureau of Land Management.

Preliminary to the resurvey the lines of the original survey were retraced and search was made for all corners and other calls of the 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. All lines not forming a closure were chained twice or checked by triangulation. Only those lines bounding public lands were blazed.

The resurvey and subdivision of section survey was executed in accordance with the specifications as set forth in the Manual of Surveying Instructions, 1947, and the Special Instructions dated April 21, 1965, for Group 572, Oregon.

The directions of the lines were determined by the solar transit method.

The geographic position of the southeast corner of section 23, as scaled from the Peterson Ridge, Oregon, quadrangle map, prepared by the United States Geological Survey, in 1963, is as follows:

Latitude $45^{\circ} 58.7' N.$ Longitude $118^{\circ} 08.6' W.$

The mean magnetic declination is $20^{\circ} 00' E.$

Dependent Resurvey of
a Portion of the Subdivisional Lines,
T. 6 N., R. 37 E., Willamette Meridian, Oregon

(Restoring the 1872 survey by George Williams)

Beginning at the cor. of secs. 23, 24, 25, and 26, determined at record bearing and distance from the remaining original bearing tree:

A fir, 36 ins. diam., bears S. $26^{\circ} E.$, 11 lks. dist., with scribe marks BT visible on an opened blaze.

At the corner point

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap marked.

Dependent Resurvey, Portion of Subdivisional Lines, T. 6 N., R. 37 E.

CHAINS

T 6 N R 37 E
 S 23 | S 24
 S 26 | S 25
 1965

from which new bearing trees

A fir, 7 ins. diam., bears N. $25\frac{1}{4}^\circ$ E., 47 lks.
 dist., mkd. T6N R37E S24 BT.

A fir, 13 ins. diam., bears S. $81\frac{1}{4}^\circ$ E., 30 lks.
 dist., mkd. T6N R37E S25 BT.

A fir, 12 ins. diam., bears S. 69° W., 43 lks.
 dist., mkd. T6N R37E S26 BT.

A fir, 7 ins. diam., bears N. 12° W., 42 lks.
 dist., mkd. T6N R37E S23 BT.

N. $0^\circ 26'$ W., bet. secs. 23 and 24, marking the true line.

Descend 15 ft. over NW. slope, through heavy timber and moderate undergrowth.

0.02 Wire fence, bears E. and W.

0.25 Wire fence, bears N. 70° W. and S. 70° E.

1.60 Draw, drains NW.; a small pond of water bears NW., 1.50 chs. dist.; asc. 195 ft. over SW. slope.

11.50 Dirt road, 15 lks. wide, bears N. 5° W. and S. 5° E.

22.20 Leave timber, enter open land, edge bears NW. and SE.

29.90 Jeep road, 10 lks. wide, bears NW. and SE.

30.00 Enter heavy timber and dense undergrowth, edge bears NW. and SE.

31.00 Ridge, bears NW. and SE.; desc. 120 ft. over broken NE. slope.

39.54 The $\frac{1}{4}$ sec. cor. of secs. 23 and 24, determined at record bearing and distance from the remains of the original NW. bearing tree:

A greatly decayed fir stump, 22 ins. diam., bears N. 65° W., 52 lks. dist., mkd. with a healed blaze, the wood behind decayed away.

At the corner point

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap marked

$\frac{1}{4}$
 S 23 | S 24
 T 6 N | R 37 E
 1965

from which new bearing trees

A fir, 21 ins. diam., bears S. $68\frac{1}{2}^\circ$ E., 76 lks.
 dist., mkd. $\frac{1}{4}$ S24 BT.

A fir, 23 ins. diam., bears N. 60° W., 156 lks.
 dist., mkd. $\frac{1}{4}$ S23 BT.

Dependent Resurvey, Portion of Subdivisional Lines, T. 6 N., R. 37 E.

CHAINS

N. 1° 51' E., beginning new measurement.

Descend 125 ft. over broken NE. slope, through medium timber and dense undergrowth.

7.10 Ravine, drains N. 80° E.; asc. 40 ft. over SE. slope.

12.40 Spur, slopes N. 60° E., also a dirt road, 10 lks. wide, bears N. 60° E. and S. 60° W.; desc. 260 ft. over N. slope.

13.80 Old logging road, 15 lks. wide, bears N. 70° E. and S. 70° W.

19.80 Creek, 2 lks. wide, course N. 50° E.; asc. 30 ft. over SE. slope.

22.50 Spur, slopes E.; desc. 160 ft. over NE. slope.

28.20 Ravine, drains N. 40° E.; asc. 130 ft. over SE. slope.

35.50 Spur, slopes N. 60° E.; desc. 230 ft. over N. slope.

40.02 Point for the cor. of secs. 13, 14, 23, and 24, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap marked.

T 6 N R 37 E

S 14 | S 13

S 23 | S 24

1965

from which

A fir, 13 ins. diam., bears N. 82½° E., 87 lks. dist., mkd. T6N R37E S13 BT.

A fir, 18 ins. diam., bears S. 63° E., 29 lks. dist., mkd. T6N R37E S24 BT.

A fir, 15 ins. diam., bears S. 15½° W., 43 lks. dist., mkd. T6N R37E S23 BT.

A fir, 15 ins. diam., bears N. 48½° W., 132 lks. dist., mkd. T6N R37E S14 BT.

From this point the cor. of secs. 13, 18, 19 and 24, on the E. bdy. of the Tp., bears S. 88° 33' E., 78.18 chs. dist., determined at record bearing and distance from the bearing tree mkd. by Wayne O. Harris, Umatilla County Surveyor, in 1961:

A yellow pine, 18 ins. diam., bears N. 73° E., 40 lks. dist., mkd. T6N R38E S18 BT, on a double blaze.

No permanent monument established.

Land, mountainous.

Soil, rocky clay.

Timber, fir, pine, tamarack and alder; undergrowth, young timber, dwarf maple, ninebark, serviceberry, arrowwood, blackberry, raspberry, sagebrush, grass and weeds.

Dependent Resurvey, Portion of Subdivisional Lines, T. 6 N., R. 37 E.

CHAINS	
	N. 0° 54' W., bet. secs. 13 and 14.
	Descend 25 ft. over N. slope, through medium timber and dense undergrowth.
0.50	Ravine, drains N. 80° E.; asc. 330 ft. over broken SE. slope, enter open land.
12.80	Spur, slopes S. 55° E.; desc. 70 ft. over NE. slope, enter medium timber and dense undergrowth.
19.90	Draw, drains S. 50° E.; asc. 270 ft. over SE. slope, changing to S. slope, enter open land.
31.50	Ridge, bears E. and W.; enter timber and dense undergrowth; desc. 5 ft. over nearly level ridge top.
36.80	Dirt road, 10 lks. wide, bears N. 50° W. and S. 50° E.
40.00	<p>The $\frac{1}{4}$ sec. cor. of secs. 13 and 14, determined at record bearing and distance from the remains of an original bearing tree:</p> <p style="padding-left: 40px;">A fallen and decayed fir, 13 ins. diam., bears N. 65° E., 16 lks. dist., with a decayed blaze. No marks remain.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap marked</p> <div style="text-align: center; padding: 10px 0;"> $\frac{1}{4}$ S 14 S 13 T 6 N R 37 E 1965 </div> <p>from which new bearing trees</p> <p style="padding-left: 40px;">A fir, 7 ins. diam., bears S. 71° E., 58 lks. dist., mkd. $\frac{1}{4}$ S13 BT.</p> <p style="padding-left: 40px;">A fir, 10 ins. diam., bears S. 25$\frac{1}{2}$° W., 34 lks. dist., mkd. $\frac{1}{4}$ S14 BT.</p>
	From the cor. of secs. 23, 24, 25 and 26.
	N. 89° 19' W., bet. secs. 23 and 26.
	Ascend 15 ft. along N. slope, through timber and undergrowth, along a wire fence.
8.45	Wire fence, bears S. 70° W., turning S., and N. 70° E., 30 lks. to corner with fence from E.
9.15	Pikes Peak Road, dirt, 20 lks. wide, bears N. 25° W. and S. 25° E. A junction with dirt road, 20 lks. wide, from the E., bears N. 25° W., 1.20 chs. dist.
9.40	Ridge, bears NW. and SE.; desc. 180 ft. over broken SW. slope.
9.45	Wire fence, bears N. 25° W. and S. 25° E. Enter open field planted with small yellow pine trees.
18.15	Wire fence, bears N. 10° E. and S. 10° W.

Dependent Resurvey, Portion of Subdivisional Lines, T. 6 N., R. 37 E.

CHAINS	
33.20	Wire fence, bears N. 15° W. and S. 15° E., leave area of small trees.
38.05	Dirt road, 15 lks. wide, bears N. 40° W. and S. 40° E.
41.06	<p>The $\frac{1}{4}$ sec. cor. of secs. 23 and 26, monumented with the original basalt stone, 16 x 12 x 6 ins., mkd. $\frac{1}{4}$ on one face, lying in a rock crib, 4 ft. square, 2 ft. high at the cor. of wire fences which bear irregularly N. 10° E., S., and W. from this point.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 18 ins. in the ground, to solid rock, and in a mound of stone, $2\frac{1}{2}$ ft. base, to top, with brass cap marked</p> <p style="text-align: center;"> $\frac{1}{4}$ S 23 $\frac{1}{4}$ S 26 T 6 N R 37 E 1965 </p> <p>No trees available.</p> <p>The corner is located at the NE. corner of the rock crib.</p>
	<p>From the $\frac{1}{4}$ sec. cor. of secs. 22 and 23, perpetuated by persons unknown, with an iron rod, 1 in. diam., protruding 8 ins. above ground, firmly set, from which bearing trees of which I have no record:</p> <p style="padding-left: 40px;">A fallen and decayed fir, 12 ins. diam., bears S. 46° E., 19 lks. dist., mkd. BT on open blaze.</p> <p style="padding-left: 40px;">A fir, 15 ins. diam., bears N. 20° W., 9 lks. dist., mkd. BT on an opened blaze.</p> <p>A count of the growth rings on the NW. tree indicates that this corner was perpetuated about 40 years ago. Local land owners state that this corner has been accepted and used for the $\frac{1}{4}$ sec. cor. for at least that length of time. It is therefore accepted as the best available evidence of the position of the original corner.</p> <p>At the corner point</p> <p>Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap marked</p> <p style="text-align: center;"> $\frac{1}{4}$ S 22 S 23 T 6 N R 37 E 1965 </p> <p>from which new bearing trees</p> <p style="padding-left: 40px;">A fir, 14 ins. diam., bears S. 32° E., 119 lks. dist., mkd. $\frac{1}{4}$ S23 BT.</p> <p style="padding-left: 40px;">A fir, 15 ins. diam., bears S. 63° W., 26 lks. dist., mkd. $\frac{1}{4}$ S22 BT.</p> <p>Deposit iron rod alongside the iron post.</p> <p>The corner is located at the intersection of wire fences which bear N., E., and W.</p>

Dependent Resurvey, Portion of Subdivisional Lines, T. 6 N., R. 37 E.

CHAINS

N. $2^{\circ} 34'$ E., bet. secs. 22 and 23.

Descend 230 ft. over NE. slope, through heavy timber and dense undergrowth, along a wire fence.

5.90 Small ravine, drains N. 20° W.; desc. 165 ft. over NW. slope, changing to N. slope.

18.725 Point for the N 1/16 sec. cor. of secs. 22 and 23.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap marked

N 1/16	
S 22	S 23
T 6 N	R 37 E
1965	

from which

A fir, 16 ins. diam., bears S. $24\frac{1}{2}^{\circ}$ E., 46 lks. dist., mkd. N 1/16 S23 BT.

A fir, 18 ins. diam., bears S. $69\frac{1}{2}^{\circ}$ W., 32 lks. dist., mkd. N 1/16 S22 BT.

Descend 220 ft. over N. slope.

23.00 Creek, 1 lk. wide, course N. 50° W.; asc. 40 ft. over SW. slope.

25.40 Spur, slopes N. 50° W.; desc. 150 ft. over NE. slope.

29.00 Russell Creek, 2 lks. wide, course N. 20° W.; asc. 110 ft. over SW. slope.

33.70 Russell Creek Road, dirt, 20 lks. wide, bears N. 25° W. and S. 25° E.; leave timber, enter open land.

37.45 Point for the cor. of secs. 14, 15, 22, and 23, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap marked

T 6 N R 37 E	
S 15	S 14
S 22	S 23
1965	

Raise a mound of stone, $2\frac{1}{2}$ ft. base, $1\frac{1}{2}$ ft. high, W. of the corner.

No bearing trees available within limits.

From this point the $\frac{1}{4}$ sec. cor. of secs. 16 and 21, bears S. $88^{\circ} 34'$ W., 117.28 chs. dist., monumented with the original sandstone, 14 x 8 x 2 ins., mkd. 1/4 on one face, lying in a rock jack of about 20 smaller stones, in a wire fence which bears E. and W.

At the corner point

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 12 ins. in the ground, to bedrock, supported in a mound of stone, 4 ft. base, to top, with brass cap marked

Dependent Resurvey, Portion of Subdivisional Lines, T. 6 N., R. 37 E.

CHAINS

$$\frac{1}{4} \frac{S 16}{S 21}$$

T 6 N R 37 E
1965

Deposit original stone alongside the iron post.

No bearing trees available within limits.

From the cor. of secs. 13, 14, 23 and 24.

S. 89° 18' W., bet. secs. 14 and 23.

Ascend 60 ft. along N. slope, through light timber and dense undergrowth.

4.50 Ravine, drains N. 80° E.; asc. 550 ft. over NE. slope.

20.50 Ridge, bears N. and S.; desc. 190 ft. over W. slope.

24.30 Wire fence, bears N. 15° W. and S. 15° E.

24.75 Dirt road, 20 lks. wide, bears N. 15° W. and S. 15° E.

25.00 Wire fence, bears N. 15° W. and S. 15° E.

39.52 Point for the $\frac{1}{4}$ sec. cor. of secs. 14 and 23, at proportionate distance; there is no remaining evidence of the original corner.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap marked

$$\frac{1}{4} \frac{S 14}{S 23}$$

T 6 N R 37 E
1965

from which

A fir, 10 ins. diam., bears N. 14° E., 42 lks. dist., mkd. $\frac{1}{4}$ S14 BT.

A fir, 7 ins. diam., bears S. 18° W., 64 lks. dist., mkd. $\frac{1}{4}$ S23 BT.

Descend 80 ft. over W. slope, through heavy timber and undergrowth.

41.30 Dirt road, 15 lks. wide, bears N. and S.

50.50 Leave timber, enter open land, edge bears N. 40° W. and S. 40° E.; desc. 125 ft. over steep NW. slope.

58.00 Enter dense undergrowth, edge bears NE. and SW.

59.28 Point for the W $\frac{1}{16}$ sec. cor. of secs. 14 and 23.

Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap marked

$$W \frac{1}{16} \frac{S 14}{S 23}$$

T 6 N R 37 E
1965

from which

A yellow pine, 24 ins. diam., bears N. $31\frac{1}{4}$ ° E., 235

Dependent Resurvey, Portion of Subdivisional Lines, T. 6 N., R. 37 E.

CHAINS	
	<p>lks. dist., mkd. W 1/16 S14 BT.</p> <p>A yellow pine, 14 ins. diam., bears S. 19½° W., 64 lks. dist., mkd. W 1/16 S23 BT.</p> <p>Descend 320 ft. over NW. slope.</p>
68.15	Ravine, drains SW., enter open land; desc. 30 ft. along S. slope.
74.00	Spur, slopes S. 30° W.; desc. 210 ft. over SW. slope.
78.97	Wire fence, bears N. and S.
79.04	The cor. of secs. 14, 15, 22 and 23.
	<p>Land, mountainous.</p> <p>Soil, rocky clay.</p> <p>Timber, fir, pine, tamarack, alder and wild cherry; undergrowth, young timber, serviceberry, snow brush, arrowwood, elderberry, chokecherry, blackberry, willow, vines, sagebrush, ferns and grasses.</p>
	<p>From the cor. of secs. 14, 15, 22, and 23.</p> <p>N. 5° 29' E., bet. secs. 14 and 15.</p> <p>Ascend 30 ft. over SW. slope, over open land, along a wire fence.</p>
8.00	Top of ascent, slopes N. 70° W.; desc. 100 ft. over NW. slope, through dense undergrowth.
10.70	Ravine, drains N. 70° W.; asc. 200 ft. over open SW. slope.
15.70	Spur, slopes N. 70° W.; desc. 25 ft. over NW. slope.
19.20	Ravine, drains W.; asc. 120 ft. over SW. slope.
25.30	Spur, slopes S. 80° W.; desc. 160 ft. over NW. slope, through dense undergrowth.
28.50	Draw, drains W.; asc. 230 ft. over open SW. slope.
36.00	Spur, slopes N. 60° W.; desc. 60 ft. over N. slope, through scattering timber and dense undergrowth.
37.59	<p>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>No permanent monument established.</p> <p>Descend 400 ft. over N. slope.</p>
47.30	Creek, 2 lks. wide, course N. 35° W.; asc. 15 ft. over SW. slope.
48.63	Intersect the Oregon and Washington State Boundary.
	<p>Point for the closing corner of secs. 14 and 15, at proportionate distance; there is no remaining evidence of the original corner.</p> <p>Set an iron post, 28 ins. long, 2½ ins. diam., 24 ins. in the ground, with brass cap marked</p>

Dependent Resurvey, Portion of Subdivisional Lines, T. 6 N., R. 37 E.

CHAINS

WASHINGTON

S 15	S 14
T 6 N	R 37 E
C C	

OREGON
1965

from which

A cottonwood, 20 ins. diam., bears S. 14° E., 150 lks. dist., mkd. T6N R37E S14 CC BT.

A fir, 18 ins. diam., bears S. 13° W., 158 lks. dist., mkd. T6N R37E S15 CC BT.

From this point the 39 Mile Post on the Oregon and Washington State Boundary, bears S. $89^{\circ} 47'$ E., 16.13 chs. dist., determined at record bearing from two bearing objects described by Major, in 1864:

The center of a large rock outcropping, on an open SW. slope, bears N. $36^{\circ} 30'$ E., about 20 chs. dist. (Record, about 25 chs.)

A large rock, part of a rock outcropping on an open W. slope, bears S. $46^{\circ} 12'$ E., about 10 chs. dist. (Record, about 15 chs.)

This mile post is located on the top of a spur ridge, which slopes N. 60° W. and is 46 lks. S. of a wire fence which bears E. and W.

No permanent monument established.

From this same point the 37 Mile Post on the Oregon and Washington State Boundary, bears N. $89^{\circ} 47'$ W., 140.75 chs. dist., determined at the corner of wire fences which bear N. and W., and verified by two bearing objects described by Major, in 1864:

A large fir tree, on an open NW. slope, bears N. $70^{\circ} 36'$ E., about 40 chs. dist. (Record, about 55 chs. dist.)

The steeple of St. Patrick's Catholic Church in Walla Walla, Washington, bears N. $57^{\circ} 49'$ W., about $8\frac{1}{2}$ miles dist. (Record, about 8 miles dist.)

No permanent monument established.

Subdivision of Section 23,
T. 6 N., R. 37 E., Willamette Meridian, Oregon

From the $\frac{1}{4}$ sec. cor. of secs. 23 and 26.

N. $1^{\circ} 50'$ E., on the N. and S. center line of sec. 23.

Ascend 90 ft. over SW. slope, across open land.

3.60 Wire fence, bears NW. and SE.

3.90 Pikes Peak road, 20 lks. wide, bears NW. and SE.

5.00 Wire fence, bears NW. and SE.

10.00 Ridge, bears N. 40° W. and S. 40° E.; desc. 190 ft. over NE. slope.

Subdivision of Section 23, T. 6 N., R. 37 E.

CHAINS	
11.50	Enter timber and undergrowth, edge bears NW. and SE.
14.80	Old fence, fallen, bears N. 30° W. and S. 30° E.
15.30	Dirt road, 10 lks. wide, bears N. 30° W. and S. 30° E.
17.10	Dirt road, 10 lks. wide, bears N. 30° W. and S. 30° E.
23.50	Russell Creek Road, 15 lks. wide, bears N. 30° W. and S. 30° E.
25.40	Draw, drains N. 25° W.; asc. 15 ft. over SW. slope.
31.50	Spur, slopes NW.; desc. 100 ft. over NE. slope.
36.80	Russell Creek, 4 lks. wide, course N. 65° W.; asc. 50 ft. over SW. slope.
39.86	Point for the center $\frac{1}{4}$ sec. cor. of sec. 23, at intersection with the E. and W. center line.
	Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap marked
	C $\frac{1}{4}$ S 23
	1965
	from which
	A fir, 7 ins. diam., bears N. 8° E., 42 lks. dist., mkd. C $\frac{1}{4}$ S23 BT.
	A fir, 13 ins. diam., bears S. 20° E., 68 lks. dist., mkd. C $\frac{1}{4}$ S23 BT.
	Ascend 60 ft. over SW. slope.
47.50	Spur, slopes W.; desc. 100 ft. over NW. slope.
53.10	Draw, drains W.; asc. 170 ft. over SW. slope, enter open land.
59.24	Point for the center N $\frac{1}{16}$ sec. cor. of sec. 23.
	Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap marked
	C
	N $\frac{1}{16}$ S 23
	C
	1965
	from which
	A yellow pine, 10 ins. diam., bears S. $88\frac{3}{4}$ ° E., 423 lks. dist., mkd. C N $\frac{1}{16}$ S23 BT.
	Raise a mound of stone, 4 ft. base, 2 ft. high, W. of the corner.
	No other suitable bearing tree available within limit.
	Ascend 60 ft. over SW. slope.
62.20	Spur, slopes SW.; asc. 40 ft. along broken W. slope.
66.70	Enter heavy timber and light undergrowth, edge bears NW. and SE.

Subdivision of Section 23, T. 6 N., R. 37 E.

CHAINS	
72.20	Top of ascent, slopes W.; desc. 15 ft. along W. slope.
76.20	Dirt road, 15 lks. wide, bears N. 60° W. and S. 60° E.
78.62	The $\frac{1}{4}$ sec. cor. of secs. 14 and 23.
	From the $\frac{1}{4}$ sec. cor. of secs. 23 and 24.
	N. 88° 51' W., on the E. and W. center line of sec. 23.
	Ascend 90 ft. over E. slope, through timber and undergrowth.
3.00	Ridge, bears N. 25° W. and S. 10° E.; desc. 420 ft. over broken SW. slope.
9.50	Dirt road, 10 lks. wide, bears N. 10° W. and S. 10° E.
15.10	Wire fence, bears N. and S.
15.70	Dirt road, 20 lks. wide, bears N. and S.
16.30	Wire fence, bears N. and S.
39.50	The center $\frac{1}{4}$ sec. cor. of sec. 23.
	Descend 125 ft. over SW. slope.
40.70	Dirt road, 15 lks. wide, bears NW. and SE.
44.70	Russell Creek, 3 lks. wide, course N. to NW.; asc. 145 ft. over broken NE. slope.
47.00	Dirt road, 15 lks. wide, bears NW. and SE.
48.00	Russell Creek Road, 15 lks. wide, bears N. and S.
59.50	Point for the center W 1/16 sec. cor. of sec. 23.
	Set an iron post, 28 ins. long, $2\frac{1}{2}$ ins. diam., 24 ins. in the ground, with brass cap marked
	$\begin{array}{c} \text{C} \quad \text{W } 1/16 \quad \text{C} \\ \quad \quad \text{S } 23 \\ \quad \quad 1965 \end{array}$
	from which
	A fir, 12 ins. diam., bears N. 24° E., 77 lks. dist., mkd. C W1/16 S23 BT.
	A fir, 16 ins. diam., bears S. $38\frac{1}{4}$ ° W., 58 lks. dist., mkd. C W1/16 S23 BT.
	An iron pipe, protruding 8 ins. above ground, firmly set, bears N. $80\frac{1}{4}$ ° W., 20 lks. dist.
	Ascend 20 ft. over NE. slope, through heavy timber and dense undergrowth.
59.70	Wire fence, bears S., and N., 3 lks. to fence corner, then W. Continue along fence.
61.90	Spur, slopes N.; desc. 75 ft. over NW. slope.
64.60	Ravine, drains N. 30° W.; asc. 180 ft. over broken NE. slope.

Subdivision of Section 23, T. 6 N., R. 37 E.

CHAINS	
79.50	The $\frac{1}{4}$ sec. cor. of secs. 22 and 23.
	From the center W 1/16 sec. cor. of sec. 23.
	N. 2° 10' E., on the N. and S. center line of the NW $\frac{1}{4}$ of sec. 23.
	Descend 385 ft. over broken NE. slope, through heavy timber and dense undergrowth.
10.90	Russell Creek Road, 20 lks. wide, bears S. 65° E. and W.
15.40	Russell Creek Road, in switchback, 25 lks. wide, bears S. 85° W., curving to NW., and E. curving to NW.
15.90	Russell Creek, 2 lks. wide, course NW.; asc. 10 ft. over SW. slope.
16.50	Russell Creek Road, 25 lks. wide, bears N. 65° W. and SE, curving to S.
18.00	Ravine, drains S. 60° W.; asc. 40 ft. over SW. slope.
19.02	Point for the NW 1/16 sec. cor. of sec. 23, at intersection with the E. and W. center line of the NW $\frac{1}{4}$.
	Set an iron post, 28 ins. long, 2 $\frac{1}{2}$ ins. diam., 22 ins. in the ground, with brass cap marked
	NW 1/16 S 23 1965
	from which
	A fir, 37 ins. diam., bears N. 83 $\frac{1}{2}$ ° E., 101 lks. dist., mkd. NW1/16 S23 BT.
	A fir, 10 ins. diam., bears S. 23° W., 29 lks. dist., mkd. NW1/16 S23 BT.
	Ascend 330 ft. over broken SW. slope, across open land.
36.90	Spur, slopes W.; desc. 10 ft. over NW. slope, enter dense undergrowth.
38.06	The W 1/16 sec. cor. of secs. 14 and 23.
	From the center N 1/16 sec. cor. of sec. 23.
	N. 89° 44' W., on the E. and W. center line of the NW $\frac{1}{4}$ of sec. 23.
	Descend 60 ft. over SW. slope, across open land.
4.30	Spur, slopes SW.; desc. 400 ft. over W. slope.
17.00	Ravine, drains S. 60° W.; enter medium timber and dense undergrowth; desc. 15 ft. over SW. slope.
19.87	The NW 1/16 sec. cor. of sec. 23. Descend 115 ft. over SW. slope.
22.60	Russell Creek Road, 20 lks. wide, bears N. 5° W. and S. 25° E.
24.30	Russell Creek, 2 lks. wide, course N. 15° W.; asc. 180 ft. over E. slope.

Subdivision of Section 23, T. 6 N., R. 37 E.

CHAINS	
27.70	Russell Creek Road, 20 lks. wide, bears N. 40° W. and S. 40° E.
29.10	Spur, slopes N. 30° W.; desc. 85 ft. over SW. slope.
30.00	Russell Creek Road, 20 lks. wide, bears NW. and SE.
32.10	Creek, 1 lk. wide, course N. 60° W.; asc. 75 ft. over NE. slope.
39.70	Wire fence, bears N. and S.
39.76	The N 1/16 sec. cor. of secs. 22 and 23.

GENERAL DESCRIPTION

Section 23, township 6 north, range 37 east, is located in mountainous terrain, in Umatilla County, Oregon, about 11 miles southeast of Walla Walla, Washington. The area is reached by graveled and dirt roads which lead into the area from paved roads branching out from the city streets of Walla Walla. One of these dirt roads, known as the Pikes Peak Road, crosses the southern part of the section and is joined by another road, known as Morman Grade, near the southeast corner. The road on Morman Grade traverses the eastern side of the section. The road up Russell Creek joins the Pikes Peak Road near the southeast corner of the section. There are other minor logging roads in the area, and access is generally good, though these roads all become impassable during wet weather, to all but 4-wheel drive vehicles.

The elevations range from about 3,000 feet above sea level, near the northwest corner up to about 4,120 feet above sea level on the ridge top along the east boundary of the section. The section is divided into three drainage systems by Pikes Peak Ridge and the Morman Grade. The northwestern portion is drained by Russell Creek, the southwestern portion by the North Fork of Cottonwood Creek and the eastern portion drains easterly to Mill Creek. These streams all flow northerly and westerly to the Walla Walla River. Water is not overly abundant.

The land is steep and mountainous, not suitable for farming, and is chiefly valuable for grazing purposes and the timber resources. The timber stands are light to heavy and consist primarily of Douglas fir, white fir, yellow pine, tamarack and alder, with some cottonwood, wild cherry and black birch noted. The undergrowth is scattering to dense and consists of young timber, dwarf maple, serviceberry, ninebark, snow brush, arrowwood, raspberry, blackberry, elderberry, sagebrush, rabbit brush, willow, vines, weeds and a wide variety of wild grasses. The undergrowth is very dense on the northern slopes while the southern slopes are usually open sagebrush lands.

Cattle are grazed over the entire area. Most of the timber has been logged in successive logging operations for over 120 years. There are no permanent residents in the section though there are several uninhabited dwellings in the southwest quarter.

The soil is a heavy clay with some clay loam in the drainages. The soil is also quite rocky and would be considered poor by almost any standard. No mineral

T. 6 N., R. 37 E., Willamette Meridian, Oregon

CHAINS

deposits were noted and no mining operations are being carried on in the area.

The average of observations made over the area surveyed gives a mean magnetic declination of 20° 00' E. This varies up to 2½° due to local attraction.

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CERTIFICATE OF SURVEY

I, C. Albert White, HEREBY CERTIFY upon honor that, in pursuance of special instructions bearing date of the 21st day of April, 1965, I have dependently resurveyed a portion of the subdivisional lines and subdivided section 23, township 6 north, range 37 east,

of the Willamette Meridian, in the State of Oregon, which are represented in the foregoing field notes as having been executed by me and under my direction; and that said survey has been made in strict conformity with said special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, and in specific manner described in the foregoing field notes.

December 17, 1965
(Date)

C. Albert White
(Cadastral Surveyor)

(Date)

(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

SUBMITTED FOR APPROVAL
Date JUN 14 1966

BUREAU OF LAND MANAGEMENT,
Washington, D. C.

The foregoing field notes of the dependent resurvey of a portion of the subdivisional lines and subdivision of section 23, township 6 north, range 37 east, of the Willamette Meridian, Oregon,

executed by C. Albert White, Cadastral Surveyor having been critically examined and found correct, are hereby approved.

JUL 8 1966
(Date)

J. E. Hemminger
(Chief, Division of Engineering)

CERTIFICATE OF TRANSCRIPT

I CERTIFY That the foregoing transcript of the field notes of the above-described surveys in, is a true copy of the original field notes.

(Date)

(Chief, Division of Engineering)